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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1	Hameed, A.S.; Mallick, B.; Kumar, P; Mondal, J.; Roy, S.; Srivastav, S.; Das, S.; Mondal, D.; Sarma, A.D.; Bose, B.	Quantum Particle Swarm Optimization of ECDM Performances for Circuit Input Parameters During Micro-Machining of Silicon-Wafer	2026	Journal of Advanced Manufacturing Systems	10.1142/S0219686726500101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008371605&doi=10.1142%2FS0219686726500101&partnerID=40&md5=186bb13c949d2bba1200b481f704239c	World Scientific
2	Mitra, B.; Biswas, P; Jana, T.	Comparative Structural Performance of Functionally Graded Natural Fiber-Reinforced Composites (FG-NFRC): A Finite Element Analysis Approach	2026	Lecture Notes in Mechanical Engineering	10.1007/978-981-96-7011-6_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105020199705&doi=10.1007%2F978-981-96-7011-6_4&partnerID=40&md5=f4894acbd3dc914cd19c6e9f53faa6e9	Springer Science and Business Media Deutschland GmbH
3	Rakshit, P; Utsav; Amrit, P; Kainat, A.; Seerat, S.; Mondal, A.; Mitra, D.	Estimation of Level of Dementia in Alzheimer's Disease Using Machine Learning	2026	Lecture Notes in Networks and Systems	10.1007/978-981-96-6534-1_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105020178600&doi=10.1007%2F978-981-96-6534-1_21&partnerID=40&md5=67de5a59cd6d98d7ccf08d323f53d2a9	Springer Science and Business Media Deutschland GmbH
4	Raghavendran, P; Gunasekar, T; Baleanu, D.; Santra, S.S.; Majumder, D.	Neural network framework for controllability of fractional Volterra Fredholm integro-differential equations with state-dependent delay	2026	Journal of Mathematics and Computer Science	10.22436/jmcs.040.03.01	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105014876003&doi=10.22436%2Fjmcs.040.03.01&partnerID=40&md5=ba78abef6c9250564f397126d4c2a653	International Scientific Research Publications



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5	DasGupta, S.; Saha, S.; Nath, S.; Sanyal, M.; Ghosh, S.; Hussain, S.Z.	Optimizing Kidney Stone Detection: Fusion of CNN and SVM for Enhanced Performance in Medical Imaging	2026	Lecture Notes in Computer Science	10.1007/978-3-032-02406-0_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105014492145&doi=10.1007%2F978-3-032-02406-0_21&partnerID=40&md5=80cd439d5c703c91f39ef1e6668cc4da	Springer Science and Business Media Deutschland GmbH
6	Saraswathy, M.; Surendar, R.; Vijayalakshmi, R.; Santra, S.S.; Noeiaghdam, S.; Askar, S.S.; Alshamrani, A.M.	Darcy–Forchheimer model of auto-catalytic involving rotating micropolar fluid with hall current effect: Backpropagation of Taguchi methodology approach	2025	Modern Physics Letters B	10.1142/S0217984925502422	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105016585990&doi=10.1142%2FS0217984925502422&partnerID=40&md5=3036f7540e092a1250df6bdaa0a734aa	World Scientific
7	Mondal, A.; Mandal, S.; Khamarui, S.; Mondal, S.; Maity, B.; Dutta, T.; Hazra, A.; Das, P.; Ray, S.	CuI/TEMPO-mediated aerobic oxidative sp ³ C–H functionalization affording pyrrol-2-one derivatives	2025	Organic and Biomolecular Chemistry	10.1039/d5ob01297j	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105024020919&doi=10.1039%2Fd5ob01297j&partnerID=40&md5=9d61c9fca20c47de8463e1455b7ff56a	Royal Society of Chemistry
8	Roy, M.; Mandal, M.; Ghosh, N.; Mandal, V.; Adhikary, R.; Dutta, T.; Mondal, M.A.	Profiling of aroma volatile compounds and antimicrobial potentiality of two Blumea species: A comparative insight of experimental and computational studies	2025	Vegetos	10.1007/s42535-024-01040-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207306755&doi=10.1007%2Fs42535-024-01040-w&partnerID=40&md5=d2fa1c8df4a056d19ae46ee9e7eb5a68	Springer



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9	Selwin, S.; Chaudhari, D.D.R.; Naved, M.; Thirunavukkarasu, K.; Ghosh, P.; Rama Mohan, C.R.	Novel IoT-integrated privacy-preserving-aware optimized Hamiltonian quantum graph multi-relational generative adversarial network for efficient and secure early detection of diabetic retinopathy with fundus imaging	2025	Iran Journal of Computer Science	10.1007/s42044-025-00344-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105018317048&doi=10.1007%2Fs42044-025-00344-7&partnerID=40&md5=7075aa0001031117b95f915786c3df5c	Springer International Publishing
10	Sanyal, M.; DasGupta, S.; Chaki, R.; Saha, S.	Pseudo CNN: An Updated CNN Based Semi Supervised Learning Model for Leaf Disease Detection	2025	Innovations in Systems and Software Engineering	10.1007/s11334-025-00617-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105014625540&doi=10.1007%2Fs11334-025-00617-1&partnerID=40&md5=b3aeefaf7c5394d33d2f20da5cc02bd3	Springer Science and Business Media Deutschland GmbH
11	Shrivastav, A.K.; Dutta, S.	Multi-objective optimization of hybrid microgrid for energy trilemma goals using slime mould algorithm	2025	Scientific Reports	10.1038/s41598-025-15207-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012939709&doi=10.1038%2Fs41598-025-15207-1&partnerID=40&md5=6495b5eed54ecbc51286eb3df04d7108	Nature Research



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12	Sarkar, D.; Sengupta, A. R.; Paramasivam, P.; Bora, B.J.; Natrayan, N.; Kalita, P.; Ayanie, A.G.; Kanti, P.K.	Impact of double split slot geometry on aerodynamic performance of modified airfoil for wind turbine blades	2025	Scientific Reports	10.1038/s41598-025-12174-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012929099&doi=10.1038%2Fs41598-025-12174-5&partnerID=40&md5=49f79903630b67d914cb17fd29a3d3fc	Nature Research
13	Patra, A.; Saha, A.	Multiplexing of color images by theta modulation with laser beam in amplitude grating	2025	Journal of Optics (India)	10.1007/s12596-024-02074-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200054485&doi=10.1007%2Fs12596-024-02074-8&partnerID=40&md5=4367b4a8d788b965a96ff99611a10b4f	Springer
14	Sarkar, B.; Sarkar, R.; Bhattacharjee, S.	Tailoring structural, electronic, magnetic, and thermoelectric properties of Ca _{0.85} R _{0.15} MnO ₃ manganite's through rare-earth doping	2025	Applied Physics A: Materials Science and Processing	10.1007/s00339-025-09019-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105018861121&doi=10.1007%2Fs00339-025-09019-3&partnerID=40&md5=9dfc29554be14d52585d2a9be3ddae3b	Springer Science and Business Media Deutschland GmbH



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15	Majumder, A.; Chatterjee, S.	YoloGA: An Evolutionary Computation Based YOLO Algorithm to Detect Personal Protective Equipment	2025	Journal of Intelligent and Fuzzy Systems	10.1177/18758967251338695	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105018741633&doi=10.1177%2F18758967251338695&partnerID=40&md5=4eb089d2c37577b71033025ad191cf9c	SAGE Publications Ltd
16	Bose, S.; Hazra, A.; Basfore, S.; Mollick, S.; Roy, S.; Hazra, P.; Hazra, S.	Genetic control of important yield and disease resistance characters predicted through artificial intelligence in cucumber (Cucumis sativus L.)	2025	Euphytica	10.1007/s10681-025-03629-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105018329276&doi=10.1007%2Fs10681-025-03629-x&partnerID=40&md5=c59b855264317bb89fbae15d7f143a43	Springer Science and Business Media B.V.
17	Rakshit, P.; Pal, P.; Pramanik, S.; Mitra, U.	Harnessing machine learning for solar energy forecasting: Advancing perovskite solar cells and renewable energy solutions	2025		10.1201/9781003589747-14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105021293610&doi=10.1201%2F9781003589747-14&partnerID=40&md5=2a7942e857231d167e9e29d8e2f38ce3	CRC Press



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18	Mitra, U.; Rehman, S.; Podder, B.; Dutta, A.; Bhowmick, B.	From One-Size-Fits-All to Just-for-Me: Adaptive Learning Algorithms Transforming Blended Education	2025		10.4018/979-8-3373-3815-6.ch005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105023940140&doi=10.4018%2F979-8-3373-3815-6.ch005&partnerID=40&md5=52b12256753bbc9b7f637bebe354890c	IGI Global
19	Chakraborty, P.; Neogi, B.; Das, A.	Design and development of IoT-based wearable smart Exo-Vest for analysis of upper limb dynamics	2025	Microsystem Technologies	10.1007/s00542-024-05774-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205575606&doi=10.1007%2Fs00542-024-05774-0&partnerID=40&md5=62d346930cac94bb63edfdb4e7428f75	Springer Science and Business Media Deutschland GmbH
20	Karmakar, A.; Shaw, A.; Rakshit, S.; Chakraborty, S.; Biswas, S.; Sahoo, S.; Biswas, S.	The role of generative AI in medical image synthesis: A review	2025	Discover Applied Sciences	10.1007/s42452-025-07714-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105019052235&doi=10.1007%2Fs42452-025-07714-7&partnerID=40&md5=7a8ab51984687b8b5f14432d53700193	Springer Nature



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21	Chettri, A.; Pradhan, S.; Gurung, P.; Singha, U. K.; Ghosh, S.; Dey, T.; Dutta, T.; Sinha, B.	Antibacterial Efficacy of (N, O)-Linked Cu-MOF: Experimental and Theoretical Insights	2025	Chemistry Africa	10.1007/s42250-025-01365-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105009623759&doi=10.1007%2Fs42250-025-01365-2&partnerID=40&md5=da5ddf5381e3c948d0eec2ddc5aae8f7	Springer Science and Business Media Deutschland GmbH
22	Gurung, P.; Pradhan, S.; Chettri, A.; Nandi, S.; Dutta, T.; Bhattacharya, M.; Sinha, B.	Synthesis and antimicrobial evaluation of Zn(II) and Co(II) complexes with (m-aminobenzylthio)- β -cyclodextrin: DFT and Docking insights	2025	Journal of Inclusion Phenomena and Macrocyclic Chemistry	10.1007/s10847-025-01307-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005522186&doi=10.1007%2Fs10847-025-01307-y&partnerID=40&md5=0301b8d241bcc35bdb5f2c0cfc737c5f	Springer
23	Pradhan, S.; Gurung, P.; Chettri, A.; Singha, U.K.; Mishra, D.K.; Dutta, T.; Sinha, B.	Investigation of DNA binding and antibacterial properties of a Zn(II) Complex with an N2OS Salophen-type Ligand	2025	Journal of Molecular Structure	10.1016/j.molstruc.2025.142431	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003278658&doi=10.1016%2Fj.molstruc.2025.142431&partnerID=40&md5=094b75624b0be0979d3bead8e3033adf	Elsevier B.V.



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24	Patra, A.; Saha, A.; Bhattacharya, K.	Second level storage space optimization for lossless image compression using diffraction grating	2025	Journal of Optics (India)	10.1007/s12596-024-01919-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197875986&doi=10.1007%2Fs12596-024-01919-6&partnerID=40&md5=701b0d25f6fe5940a2e571683cde849c	Springer
25	Mondal, B.; Pandey, S.; Sarkar, A.; Roy, S.; Sk, N.; Sarkar, B.	Exploring the influence of hunting cooperation, fear, and incommensurate memory effects on generalist predator-prey model	2025	Nonlinear Dynamics	10.1007/s11071-025-11316-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007144481&doi=10.1007%2Fs11071-025-11316-8&partnerID=40&md5=fce12acc7652a05a79afd6d92239b1d7	Springer Science and Business Media B.V.
26	Mitra, S.P.; Sarkar, P.; Biswas, A.; Adak, D.; Sen, S.	Influence of electrodes in enhancing the thermoelectric performance of Mn-Cn-Mn (n = 7) molecular chain	2025	Chemical Physics	10.1016/j.chemphys.2025.112772	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005777784&doi=10.1016%2Fj.chemphys.2025.112772&partnerID=40&md5=4a1889f9d47ac935eb43b668c7d94f2e	Elsevier B.V.



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27	Ganai, S.; Mahatha, B. C.; Saha, A.; Chakraborty, J.; Alam, P.; Mukherjee, P.; Shaikh, H.; Mallick, D.; Roy, S.	Investigation of the solubility of adipic acid in binary water-organic solvents H ₂ O + (DMF, DMSO, and ACN) in the temperature range (T = 288.15 K to 313.15 K)	2025	Journal of Molecular Liquids	10.1016/j.molliq.2025.127692	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004565971&doi=10.1016%2Fj.molliq.2025.127692&partnerID=40&md5=582cf5660ea0521922b5cd7489399e88	Elsevier B.V.
28	Ghosh, S.; Saha, A.; Chakraborty, J.; Ganai, S.; Mukherjee, P.; Mahali, K.; Noubigh, A.; Roy, S.	Influence of Noncovalent Interactions on the Solubility of l-Histidine in the Presence of Aqueous Potassium Halides at Diverse Temperatures	2025	Journal of Chemical and Engineering Data	10.1021/acs.jced.5c00163	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105009609692&doi=10.1021%2Facs.jced.5c00163&partnerID=40&md5=55bd72273927e0f2e16651eb36cebddd1	American Chemical Society
29	Saha, T.; Ghosh, P.; Das, S.; Ojha, N.; Vishal, K.; Singh, S.K.	CRYPTX Novel Approach for Data Encryption With a Customized Solution for Smarter Human-Computer Interaction	2025		10.4018/979-8-3373-1444-0.ch008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105017945741&doi=10.4018%2F979-8-3373-1444-0.ch008&partnerID=40&md5=7fd3f87b74bc60321b915a9d8f7c29b7	IGI Global
30	Maiti, D.; Basak, M.; Das, D.	A review on fingerprint based authentication-its challenges and applications	2025	Computer Science Review	10.1016/j.cosrev.2025.100735	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218420251&doi=10.1016%2Fj.cosrev.2025.100735&partnerID=40&md5=aa3339a2e0437842a791c7d0de96ed30	Elsevier Ireland Ltd



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31	Roy, M.; Basu, S.; Neogi, B.; Majumdar, S.; Saha, P.	Development and performance analysis of a human respiratory system using state-space model-based system identification technique	2025	Microsystem Technologies	10.1007/s00542-024-05846-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214695748&doi=10.1007%2Fs00542-024-05846-1&partnerID=40&md5=ad5aac3cf9f51c516d417956c5c69cf6	Springer Science and Business Media Deutschland GmbH
32	Adak, D.; Biswas, A.; Mitra, S.P.; Chattopadhyaya, M.; Jana, D.; Sen, S.	How crucial is the role of magnetic centres in tuning magneto-resistive features of one-dimensional transition metal-based magnetic nanostructures?	2025	Chemical Physics	10.1016/j.chemphys.2025.112762	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003837457&doi=10.1016%2Fj.chemphys.2025.112762&partnerID=40&md5=1a6af25440f34d14c5ae26346fc9849f	Elsevier B.V.
33	Rai, P.; Dutta, A.; Kumar, A.; Dutta, T.; Sinha, B.	Anti ACHN potency of novel pyridinium-tagged Schiff base of o-vanillin and its Cu (II)-complex; A combined experimental and computational study	2025	Inorganica Chimica Acta	10.1016/j.ica.2025.122698	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002489036&doi=10.1016%2Fj.ica.2025.122698&partnerID=40&md5=306e4114c4a53d8766708933c6ed54f6	Elsevier B.V.
34	Rakshit, S.; Sengupta, A.R.	Comparison of Machine Learning and Deep Learning Models Performance in predicting wind energy	2025	EAI Endorsed Transactions on Energy Web	10.4108/ew.7114	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105017641070&doi=10.4108%2Few.7114&partnerID=40&md5=07de615cdfa844863f79175693e78e8d	European Alliance for Innovation



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35	Pachouri, V.; Kothari, P.; Kathuria, S.; Gehlot, A.; Singh, R.; Thakur, A. K.; Gupta, L.R.; Dogra, S.; Priyadarshi, N.; Mohamed, H.G.	Revolutionizing urban water resilience: Innovative strategies and advancements in sustainable urban drainage systems (SuDS)	2025	Desalination and Water Treatment	10.1016/j.dwt.2025.101407	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105014499584&doi=10.1016%2Fj.dwt.2025.101407&partnerID=40&md5=0ffc b99570b9eca11a706aa8871bcd0f	Elsevier B.V.
36	Ghosh, S.; Saha, S.; DasGupta, S.; Sanyal, M.; Ghosh, R.; Bhattacharyya, S.; Karmakar, K.	AI Powered System to Monitor-Analyze the Performance and Feedback of Student	2025	International Research Journal of Multidisciplinary Scope	10.47857/irjms.2025.v06i03.05232	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012739121&doi=10.47857%2Firjms.2025.v06i03.05232&partnerID=40&md5=7a98ba1635dfe5df2b40286b75d01b19	Iquz Galaxy Publisher
37	Ghosh, P.; Das, S.; Pal, D.; Saha, S.; DasGupta, S.	Efficient DNA Sequence Classification through Machine-Learning Techniques	2025	International Research Journal of Multidisciplinary Scope	10.47857/irjms.2025.v06i03.04915	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012499238&doi=10.47857%2Firjms.2025.v06i03.04915&partnerID=40&md5=e0fab10cfb31912ccbff49c547b66d83	Iquz Galaxy Publisher



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38	Saha, N.; Namtirtha, A.; Dutta, A.	Identifying influential spreaders on weighted directed networks based on spreading properties	2025	Journal of Supercomputing	10.1007/s11227-025-07658-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105011168983&doi=10.1007%2Fs11227-025-07658-0&partnerID=40&md5=912e2715bae68a942ec4ccb5ea431749	Springer
39	Madhumitha, S.; Gunasekar, T.; Raghavendran, P.; Santra, S.S.; Noeiaghdam, S.	A study on the existence results for neutral functional random integro-differential equations with infinite delay	2025	Journal of Mathematical Modeling	10.22124/jmm.2025.27789.2447	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105010713973&doi=10.22124%2Fjmm.2025.27789.2447&partnerID=40&md5=69bef71c7453742d332fd956c4f8a285	University of Guilan
40	Dash, D.K.; Sadhu, P.K.; Shrivastav, A.K.	Dynamic optimization of active power filters in grid-tied photovoltaic systems using partial reinforcement learning	2025	Neural Computing and Applications	10.1007/s00521-025-11186-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006794547&doi=10.1007%2Fs00521-025-11186-6&partnerID=40&md5=89a5949db5205d428375272ebe08393b	Springer Science and Business Media Deutschland GmbH



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41	Sarkar, R.; Sarkar, B.; Pal, S.	Na+ Substitution in GdMnO ₃ Multiferroic Oxides: A Gateway to Enhance Structural and Dielectric Properties	2025	Journal of Electronic Materials	10.1007/s11664-025-12016-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004931225&doi=10.1007%2Fs11664-025-12016-0&partnerID=40&md5=b7f8756c030e66b0cad1aa055c79a61f	Springer
42	Sadhu, S.; Mallick, D.; Namtirtha, A.; Curado Malta, M.C.; Dutta, A.	LPC: A Local Path-Based Centrality Method for Identifying Influential Nodes in Temporal Networks	2025		10.1145/3703323.3703346	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012247863&doi=10.1145%2F3703323.3703346&partnerID=40&md5=b524a1d5eb489149a05a8f9b86241b0f	Association for Computing Machinery, Inc
43	Chakrabarty, M.; Chakraborty, S.; Pal, S.; Basak, R.	An efficient optimization approach for solving the relay coordination problem	2025		10.1002/9781394287109.ch11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105010479436&doi=10.1002%2F9781394287109.ch11&partnerID=40&md5=4214390da16eeeb65eec5e2cff7a299e	wiley
44	Majumder, K.; Chakrabarty, M.; Das, R.; Basak, R.	Wireless EV charging system design	2025		10.1002/9781394287109.ch17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105010469549&doi=10.1002%2F9781394287109.ch17&partnerID=40&md5=bbec96f2b68889ec0ae6317e557a4c9f	wiley



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46	Thiyagarajan, P.; Santra, S.S.; Nandi, S.; Altanji, M.	Analysis of an unsteady mucus flow through an isothermal channel with thermal conduction: An analytical solution	2025	International Journal of Modern Physics B	10.1142/S0217979225501176	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003979328&doi=10.1142%2FS0217979225501176&partnerID=40&md5=a24f2921e3054f4dbc0fe7b31b4ce98e	World Scientific
47	Bera, T.; Dan, S.; Mitra, U.; Bhattacharya, J.	Real-world adversarial attacks on AI systems	2025		10.4018/979-8-3373-2200-1.ch005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105011412027&doi=10.4018%2F979-8-3373-2200-1.ch005&partnerID=40&md5=c5069830a74b2405ca3502cd0d028466	IGI Global
48	Upadhaya, D.; Biswas, S.; Dutta, S.; Bhattacharya, A.	Optimal power flow and grid frequency control of conventional and renewable energy source using evolutionary algorithm based FOPID controller	2025	Renewable Energy Focus	10.1016/j.ref.2024.100676	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213039732&doi=10.1016%2Fj.ref.2024.100676&partnerID=40&md5=6d2b3a40d2c12c51e401e3d5083aed2c	Elsevier Ltd



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50	Bhattacharjee, S.; Das, S.; Roy, S.; Santra, A.; Sarkar, A.; Pal, M.; Neogi, B.	ON DESIGN OF PREDICTIVE MODEL FOR HEART DISEASE	2025	Journal of Mechanics of Continua and Mathematical Sciences	10.26782/jmcms.2025.06.00007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008734754&doi=10.26782%2Fjmcms.2025.06.00007&partnerID=40&md5=eb503b1536288040067b3252c0edb7bd	Institute of Mechanics of Continua and Mathematical Sciences
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54	Deepalakshmi, P.; Shankar, G.; Siva, E.P.; Tripathi, D.; Béq, O.A.; Santra, S.S.; Nandi, S.; Alotaibi, H.	Thermally driven two-phase shear thinning non-Newtonian fluid through the renal tube induced by electric double layer effects with variable wall properties	2025	Chinese Journal of Physics	10.1016/j.cjph.2025.01.039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002751540&doi=10.1016%2Fj.cjph.2025.01.039&partnerID=40&md5=4c5ea6506bddd001f0617d6b3eaca1b8	Elsevier B.V.
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57	Kundu, S.; Chakraborty, J.; Alam, P.; Saha, A.; Ganai, S.; Mukherjee, P.; Mahali, K.; Roy, S.	Solvation and Related Thermochemical Behavior of DL-Valine in Aqueous Univalent Electrolytes for Temperatures from 288.15 K to 323.15 K	2025	International Journal of Thermophysics	10.1007/s10765-025-03534-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-86000742384&doi=10.1007%2Fs10765-025-03534-4&partnerID=40&md5=54e394937cbba00e64bbbe221d9d1b18	Springer
58	Paul, S.; Das, S.; Kundu, D.; Basak, N.; Sen, B.; Banerjee, P.; Krukowski, P.; Rudra, P.; Islam, E.; Mondal, S.; Dutta, T.; Chattopadhyay, A.P.; Ali, S.I.	Hydrothermal synthesis and characterization of FeSbO ₂ F ₂ nanoparticle and its applications towards hydrogen evolution reaction, dye management and bacterial disinfection studies	2025	Inorganic Chemistry Communications	10.1016/j.inoche.2025.114073	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217884659&doi=10.1016%2Fj.inoche.2025.114073&partnerID=40&md5=689e640cde9fe45482e86c0d16391071	Elsevier B.V.



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61	Roy, D.J.; Singh, S.K.; Dutta, T.; Pradhan, S.; Sinha, B.	Volumetric and viscometric study of caffeine in aqueous D-sorbitol solutions	2025	Journal of Chemical Thermodynamics	10.1016/j.jct.2024.107445	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213084252&doi=10.1016%2Fj.jct.2024.107445&partnerID=40&md5=b77622a20f00614cb969f303cc9ed502	Academic Press
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67	Majumder, S.; Pal, S.; Biswas, V.	Stock closing price prediction of FAANG companies: A comparative analysis of selected machine learning models	2025		10.2174/9789815322071125010011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005908917&doi=10.2174%2F9789815322071125010011&partnerID=40&md5=fdc3089e1e42c71abd9cb7635eba2861	Bentham Science Publishers
68	Bhattacharya, J.; Bera, T.; Mitra, U.; Dan, S.	Digital twins in healthcare	2025		10.4018/979-8-3373-0538-7.ch001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003989744&doi=10.4018%2F979-8-3373-0538-7.ch001&partnerID=40&md5=9fff72740bff7e75f4ca22d335d84937	IGI Global



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80	Gayen, P.K.; Das, S.	Wide power control of high-gain and compact quasi Z-source inverter in remote and sustainable solar water pumping system	2025	Sustainable Energy Technologies and Assessments	10.1016/j.seta.2025.104173	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214396646&doi=10.1016%2Fj.seta.2025.104173&partnerID=40&md5=2eec86ee687fe20164d1ffda817654b	Elsevier Ltd
81	Halder, S.	Uniqueness of meromorphic functions concerning the set sharing of two finite sets	2025	Rendiconti del Circolo Matematico di Palermo	10.1007/s12215-024-01155-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213705089&doi=10.1007%2Fs12215-024-01155-8&partnerID=40&md5=09177a08976f430d9a9fe347d5829728	Springer-Verlag Italia s.r.l.



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83	Roga, S.; Bhausahab, J. S.; Sengupta, A.R.	Performance Analysis of Hybrid Vertical Axis Wind Turbine in Low Wind Velocity Regions Using CFD	2025	Fluid Dynamics	10.1134/S0015462824604455	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004756932&doi=10.1134%2FS0015462824604455&partnerID=40&md5=7a9bd6dced2a17df4598ec1ff5f9c53f	
84	Das, R.; Dutta, T.; Ghosh, N.; Mandal, V.; Sinha, B.; Biswas, K.	Synthesis, Characterization, Hirshfeld Surface Analysis, Bandgap Evaluation and Biological Activity of a CuI-1,2-Dithioether Coordination Complex	2025	ChemistrySelect	10.1002/slct.202404586	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214086469&doi=10.1002%2Fslct.202404586&partnerID=40&md5=e10fd3976c8825691cdc761a6a06cb9c	John Wiley and Sons Inc
85	Bhattacharjee, S.; Sarkar, S.; Das, K.; Sadhu, A.; Sarkar, B.	Utilization of Two Cross Two Switch for Bitonic Sorting Circuit	2025	Micro and Nanosystems	10.2174/0118764029314915240828170217	https://www.scopus.com/inward/record.uri?eid=2-s2.0-86000453843&doi=10.2174%2F0118764029314915240828170217&partnerID=40&md5=6f4072d9f4e6a07f939df2c8104fd0ef	Bentham Science Publishers



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87	Dasgupta, S.; Rana, S.; Dey, S.; Das, S.; Das, P.	Investigation on Weldability of Al-7.7%-SiC Metal Matrix Composite by Tungsten Inert Gas Welding	2025	Welding International	10.1080/09507116.2024.2446264	https://www.scopus.com/inward/record.uri?eid=2-s2.0-86000382084&doi=10.1080%2F09507116.2024.2446264&partnerID=40&md5=dabb4b8db0c5b66bb233fdf827715cb	Taylor and Francis Ltd.
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92	Roy, C.S.; Parvathavarthini, K.; Gomathi, M.; Fatangare, M.P.; Kishore, D.; Suthar, A.	Brain Tumor Classification and Detection Using Machine Learning by Analyzing MRI Images	2025		10.1002 /978139427246 4.ch13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217305238&doi=10.1002%2F9781394272464.ch13&partnerID=40&md5=16182dd641a82cac648a1dd417bac0b3	wiley
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99	Prabhakar, P.; Umadevi, U.; Santra, S. S.; Nandi, S.	Bioconvective reversible (an esterification process) Casson nanofluid flow over a radiative spinning disc with microorganism	2025	International Journal of Modern Physics C	10.1142/S0129183124501717	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197754143&doi=10.1142%2FS0129183124501717&partnerID=40&md5=8298511d0ee288bf204822435397fe1e	World Scientific
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126	Nandi, S.	Contemporary Fashion Trends and Cultural Changes: From a Post-humanist Prospect	2025		10.1007/978-981-96-6807-6_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105022366784&doi=10.1007%2F978-981-96-6807-6_21&partnerID=40&md5=f41d8b56780d04eda0eef7f7ef142b01	Springer Science+Business Media



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132	Saha, S.; Dutta, T.; Kundu, S.K.; Kabir, E.; Khan, A.A.	Impact of Cyclodextrins on the Ultraviolet/Sun Protection Factors (UVPF/SPF) of UVR Absorbers	2025		10.1201/ /978100349275 7-13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105021594971&doi=10.1201%2F978100349275-13&partnerID=40&md5=0d3304c27026306977ef9984c95d7b97	CRC Press



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134	Bag, S.; Ganguly, K.; Das, S.; Chakraborty, S.; Mandal, D.	Navigating the Nanoscale: Advancements in Carbon Nanotube-Based Drug Delivery Systems	2025	Trends in Biomaterials and Artificial Organs	10.5281/zenodo.17462109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105020830615&doi=10.5281%2Fzenodo.17462109&partnerID=40&md5=6ac7fbfdc04645d2f19709b56f9dd15e	Society for Biomaterials and Artificial Organs - India
135	Mandal, D.; Halder, K.; Bag, S.	Nanomaterials in Medical Imaging: Breakthroughs, Challenges, and Prospects	2025	Trends in Biomaterials and Artificial Organs	10.5281/zenodo.17462012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105020811922&doi=10.5281%2Fzenodo.17462012&partnerID=40&md5=abdb3bdeab070b138e9fccb5f071b39a	Society for Biomaterials and Artificial Organs - India
136	Bag, S.; Mandal, D.	Journey of Biomaterials: From Beginning to Future Development	2025	Trends in Biomaterials and Artificial Organs	10.5281/zenodo.17233603	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105020668112&doi=10.5281%2Fzenodo.17233603&partnerID=40&md5=c8ef0247aech6dbcf376494b32eccb2b	Society for Biomaterials and Artificial Organs - India



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138	Chowdhury, A.; Paul, S.; Kundu, S.; Thakur, A.K.; Sarkar, A.; Chaudhuri, A.R.; Ray, A.; Mitra, D.	Sarcasm Detection in Dravidian Languages	2025	CEUR Workshop Proceedings		https://www.scopus.com/inward/record.uri?eid=2-s2.0-105019042266&partnerID=40&md5=a388106fc1c8881288b162ee15174f55	CEUR-WS
139	Mitra, U.; Mondal, S.; Mullick, M.S.H.; Karmakar, S.R.	Enhancing Diabetes Prediction Through Explainable AI: A Comparative Analysis of LIME and Recursive Feature Elimination	2025	Lecture Notes in Networks and Systems	10.1007/978-981-96-5723-0_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105018906139&doi=10.1007%2F978-981-96-5723-0_30&partnerID=40&md5=990d9397b77bfc6e3056b84bf7e7f3f	Springer Science and Business Media Deutschland GmbH
140	Chowdhury, A.; Dutta, P.; Acharjee, B.; Pathak, R.; Paul, S.; Kundu, S.; Mitra, D.; Saha, D.	Decoding Deception: Enhancing Fake News Detection with Deep Learning and Social Context	2025	Lecture Notes in Networks and Systems	10.1007/978-981-96-4142-0_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105018798002&doi=10.1007%2F978-981-96-4142-0_31&partnerID=40&md5=fa95dc84992c14cef2e3a8934ef43b2a	Springer Science and Business Media Deutschland GmbH



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143	Majumder, A.B.; Gupta, S.; Majumder, S.; Singh, D.; Das, S.; Saha, T.	A Heart Disease Prediction Model Applying Deep Learning and Combined Fuzzy-Mutual Information Based Feature Selection	2025	Baghdad Science Journal	10.21123/2411-7986.5068	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105017469109&doi=10.21123%2F2411-7986.5068&partnerID=40&md5=b1104dcdca55dc2bc3b5df1a5b0a34	University of Baghdad
144	Bansal, S.K.; Avula, S.R.; Mehrotra, M.A.; Singh, P.; Gupta, A.K.; Ghosh, P.	Machine learning algorithms for predicting air quality index: A case study in urban and industrial zones	2025	Periodicals of Engineering and Natural Sciences	10.21533/pen.v13.i2.354	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105015431491&doi=10.21533%2Fpen.v13.i2.354&partnerID=40&md5=42e749d37a3bdd29715cb05e7fe2b0a	International University of Sarajevo



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146	DasGupta, S.; Saha, S.; Pal, P.; Maiti, S.; Nath, S.	A Study on Machine Learning Based Parkinson Disease Prediction	2025	Baghdad Science Journal	10.21123/2411-7986.5008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105013227006&doi=10.21123%2F2411-7986.5008&partnerID=40&md5=a8833c9fdefbbe951e416c222b406eaf	University of Baghdad
147	Sahastranshu, K.K.; Siva Nagaraju, A.; Gupta, R.; Das, B.; Sengupta, A.R.	Experimental Analysis on Location and Number of External Square Dimples on NACA 4412 Profile in H-Darrieus Wind Turbine	2025	Lecture Notes in Mechanical Engineering	10.1007/978-981-96-6613-3_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105011948827&doi=10.1007%2F978-981-96-6613-3_8&partnerID=40&md5=f492e12ab05a0ef8c79ebb6e6736c9d6	Springer Science and Business Media Deutschland GmbH



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150	Pal, S.; Kiruthiga, R.; Jeyalakshmi, S.; Sarkar, B.; Anandha Lakshmi, R.	The Effect of Cloud Assisted Personalization Techniques in Electronic Mail Presentation on Client Engagement in World Market	2025	Lecture Notes in Networks and Systems	10.1007/978-3-031-91005-0_29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105010146605&doi=10.1007%2F978-3-031-91005-0_29&partnerID=40&md5=d62726a91d04f77563aa0127bf75abef	Springer Science and Business Media Deutschland GmbH



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152	Roy, S.S.; Nandkulyar, Y.	Theoretical Models of Deoxyribonucleic Acid (DEOXYRIBONUCLEIC ACID) Elasticity	2025	Springer Proceedings in Mathematics and Statistics	10.1007/978-981-96-3098-1_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105009950129&doi=10.1007%2F978-981-96-3098-1_20&partnerID=40&md5=0ba8d9f218a1e48a1ba2d234029bc095	Springer
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156	Barik, R.; Naskar, N.B.J.; Swetapadma, A.	Cancer Detection Framework using Cellular Automata based Segmentation and Deep Learning إطار عمل الكشف عن السرطان باستخدام التجزئة القائمة على التتممة	2025	Baghdad Science Journal	10.21123/2411-7986.4980	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105009290397&doi=10.21123%2F2411-7986.4980&partnerID=40&md5=0582b27f02cc914112e645fae957175d	University of Baghdad



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159	Thomas, S.; Boopalan, G.; John Borg, S.; Santra, S.S.; Meganathan, M.	Discrete Laplace Transform of Higher Order Sine Function and Its Applications in Initial Value Problem	2025	Lecture Notes in Networks and Systems	10.1007/978-3-031-90914-6_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008760941&doi=10.1007%2F978-3-031-90914-6_8&partnerID=40&md5=268590feedc448fb6e7bc8a0d2b71c14	Springer Science and Business Media Deutschland GmbH
160	Nandi, S.; Sundar Santra, S.; Hussain, S. M.; Oztop, H.F.	Assessment of Unsteady Shear-Thinning Hybrid Nanofluid Flow Past a Convectively Heated Vertical Cone Via Numerical and Artificial Neural Network Analysis	2025	Mathematical Methods in the Applied Sciences	10.1002/mma.11122	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008759053&doi=10.1002%2Fmma.11122&partnerID=40&md5=b26f4f505eb432a88aba8756de70d40b	John Wiley and Sons Ltd



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162	Gunasekar, T.; Udhyasankar, P.; Raghavendran, P.; Suba, M.; Santra, S.S.; Karmakar, S.	Solving Fractional Difference Equations by Sawi Transform	2025	Lecture Notes in Networks and Systems	10.1007/978-3-031-90914-6_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008758154&doi=10.1007%2F978-3-031-90914-6_17&partnerID=40&md5=cf7b7ec3d66e8e6f7e1719fa7d8ef731	Springer Science and Business Media Deutschland GmbH
163	Suba, M.; Venkatesan, A.; Gunasekar, T.; Madhumitha, S.; Raghavendran, P.; Santra, S.S.; Dhali, P.	Analyzing Existence and Controllability in Second-Order Functional Integro-Differential Inclusions with Infinite Delay and Random Effects	2025	Lecture Notes in Networks and Systems	10.1007/978-3-031-90914-6_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008751813&doi=10.1007%2F978-3-031-90914-6_10&partnerID=40&md5=d5d903b8f4065a8caf271d1177ab26af	Springer Science and Business Media Deutschland GmbH



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165	Ghorai, P.; Barik, R.	Salary Prediction Using Machine Learning Techniques	2025	Lecture Notes in Networks and Systems	10.1007/978- 981-97-9619- 9_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105008417747&doi=10.1007%2F978-981-97-9619-9_17&partnerID=40&md5=a452bcd48f46ba0baab4de002b2f76bb	Springer Science and Business Media Deutschland GmbH
166	Roy, S.S.; Karfa, S.; Ghosh, S.	Quantum Dots in Photonic and Nano- Optoelectronic Applications	2025		10.1109 /DevIC63749. 2025.11012536	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007816676&doi=10.1109%2FDevIC63749.2025.11012536&partnerID=40&md5=1e1ffc01920c25523b76b299c5219031	Institute of Electrical and Electronics Engineers Inc.



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168	Sarkar, R.K.; Sanyal, M.; DasGupta, S.; Ghosh, A.	A Study on Misbehavior Detection of VANET Based Using Machine Learning	2025	Lecture Notes in Networks and Systems	10.1007/978-981-96-0924-6_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006880205&doi=10.1007%2F978-981-96-0924-6_31&partnerID=40&md5=a4b1e5218f90950beeea33fa25ee832a	Springer Science and Business Media Deutschland GmbH
169	Priyadharshini, S.; Santra, S.S.; Sadhasivam, V.; Majumder, D.; Dhali, P.	Forced Oscillation of Certain Class of Impulsive Euler-Bernoulli Beam Equations with Damping Term	2025	Lecture Notes in Networks and Systems	10.1007/978-3-031-90917-7_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006848199&doi=10.1007%2F978-3-031-90917-7_10&partnerID=40&md5=a72e02608ef13aab25e4a493a62789a9	Springer Science and Business Media Deutschland GmbH



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171	Suba, M.; Venkatesan, A.; Gunasekar, T.; Manikandan, S.; Raghavendran, P.; Santra, S.S.; Karmakar, S.	Advancing Zika Virus Control with Fractional Order Optimal Control with Wolbachia-Infected Aedes Aegypti Mosquitoes	2025	Lecture Notes in Networks and Systems	10.1007/978-3-031-90917-7_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006837796&doi=10.1007%2F978-3-031-90917-7_11&partnerID=40&md5=8fffa7b99097669410435f1fd924f355	Springer Science and Business Media Deutschland GmbH
172	Raghavendran, P.; Gunasekar, T.; Suba, M.; Venkatesan, A.; Santra, S.S.; Dhali, P.	Analysis of Fractional Integro Differential Equations Utilizing Mahgoub Transform	2025	Lecture Notes in Networks and Systems	10.1007/978-3-031-90917-7_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006798501&doi=10.1007%2F978-3-031-90917-7_9&partnerID=40&md5=75e4dcf3a4b89926966a11676c8de0ec	Springer Science and Business Media Deutschland GmbH



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173	Ambrose Prabhu, R.; Vanitha, L.; Prema, S.; Santra, S.S.	Uniformly Spirallike Univalent Functions for the Subclasses With Mittag-Leffler Functions	2025	Lecture Notes in Networks and Systems	10.1007/978-3- 031-90917-7_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006691989&doi=10.1007%2F978-3-031-90917-7_7&partnerID=40&md5=5d2600337e2d96a8ae3a8b9523ebe12d	Springer Science and Business Media Deutschland GmbH
174	Surya, S.; Rao, M.S.S.; Ghosh, P.; Vidhya, B.; Mekhmonov, S.; Sheela Rani, P.S.	Economic Implications of AI-Powered Safety Features in Vehicles	2025		10.4018/979-8- 3373-0442-7. ch007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006503972&doi=10.4018%2F979-8-3373-0442-7.ch007&partnerID=40&md5=1b8e3908805d0bfc857a4481280fa767	IGI Global
175	Sarkar, B.; Arumugam, V.; Jeyalakshmi, S.; Duraismy, D.; Sudha, C.	Internet Things Assisted Platform Business Models and Value Creation on Cloud Platform: Insights from World Startups	2025	Lecture Notes in Networks and Systems	10.1007/978-3- 031-90998-6_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005831119&doi=10.1007%2F978-3-031-90998-6_9&partnerID=40&md5=f64c9ccc0771dbde36a867c61e0b7579	Springer Science and Business Media Deutschland GmbH



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176	Sarkar, B.; Pal, S.; Arumugam, V.; Reashma, S.R.K.J.; Adhikari, S.	Exploring the Role of Augmented Reality (AR) Advertising on Brand Engagement in Jordanian FMCG Sector	2025	Lecture Notes in Networks and Systems	10.1007/978-3-031-90998-6_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005827939&doi=10.1007%2F978-3-031-90998-6_18&partnerID=40&md5=c43d8779bfc2ed7a5235662eaafc109f	Springer Science and Business Media Deutschland GmbH
177	Pathak, R.C.; Agarwal, P.; Gehlot, A.; Singh, R.; Akram, S.V.; Gupta, L. R.; Thakur, A.K.; Priyadarshi, N.; Twala, B.	Advanced Digital Technologies for Promoting Indian Culture and Tourism through Cinema	2025	Recent Advances in Computer Science and Communications	10.2174/0126662558315287240910123803	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005070809&doi=10.2174%2F0126662558315287240910123803&partnerID=40&md5=2bf53964cbca5389d190cf397bd14775	Bentham Science Publishers
178	Mitra, U.; Sarkar, P.; Mondal, J.; Kundu, J.	Enhancing Interpretability in Diabetics Prediction: A Comparative Study of SHAP, LIME and Permutation Feature Importance	2025		10.1109/IEEECONF64992.2025.10962890	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004651937&doi=10.1109%2FIEEECONF64992.2025.10962890&partnerID=40&md5=c11f25ae22ca22015911161fce44ff5d	Institute of Electrical and Electronics Engineers Inc.



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179	Maity, S.; Chanda, S.; Srivastava, A.K.; Prasad, J.; Mondal, R.; Majila, B.	Leveraging Virtual Synchronous Generators for Stable Wind Energy Integration	2025		10.1109 /SSDEE64538. 2025.10968486	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004649211&doi=10.1109%2FSSDEE64538.2025.10968486&partnerID=40&md5=e56c92d7f383dc157ba295819a3b478a	Institute of Electrical and Electronics Engineers Inc.
180	Mallick, B.; Hameed, A. S.; Chakraborty, A.; Biswas, S.K.; Mondal, D.; Dutta, P.	Hybrid evolutionary algorithms (hybrid- GAPSO) based optimization of MIG welding process	2025	Journal of Micromanufactu ring	10.1177 /251659842412 90900	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004310317&doi=10.1177%2F25165984241290900&partnerID=40&md5=084ad4a353101a8d76958413b336c678	SAGE Publications Ltd
181	Mukhopadhyay, N.; Saha, S.; Haldar, R.; Patra, A.; Sarkar, S.; Dey, S.	Design and implementation of an internet of things based health monitoring system	2025		10.1201 /978100360620 8-19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003793865&doi=10.1201%2F9781003606208-19&partnerID=40&md5=f8c650e2f2ae852c8fc0bd4a894c9333	CRC Press



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182	Das, S.K.; Saha, S.; DasGupta, S.	Hyperledger Fabric Network Deployment Controller	2025	Smart Innovation, Systems and Technologies	10.1007/978-981-96-1348-9_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003636617&doi=10.1007%2F978-981-96-1348-9_33&partnerID=40&md5=34435405bd443d8eec3c2cc253a9e07d	Springer Science and Business Media Deutschland GmbH
183	Majumder, A.B.; Sanyal, M.; Mondal, A.; Banerjee, P.	An Intelligent Heart Disease Prediction Utilizing Decision Tree Optimized Through Particle Swarm Optimization	2025	Smart Innovation, Systems and Technologies	10.1007/978-981-96-1348-9_26	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003633691&doi=10.1007%2F978-981-96-1348-9_26&partnerID=40&md5=f023d28a9c0c20b426d66f895d0847d9	Springer Science and Business Media Deutschland GmbH
184	Chaki, R.; Cortesi, A.; DasGupta, S.; Saha, S.	Preface	2025	Smart Innovation, Systems and Technologies		https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003633548&partnerID=40&md5=30319f379fc39c0f9f32a433f90ea244	Springer Science and Business Media Deutschland GmbH
185	Saha, T.; Vishal, K.	Medical Image Noise Reduction Methods Based on Cutting-Edge Hybrid Filtering Designs	2025	Smart Innovation, Systems and Technologies	10.1007/978-981-96-1348-9_25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003630808&doi=10.1007%2F978-981-96-1348-9_25&partnerID=40&md5=1dee1751135de328f376c4d6daf0bc61	Springer Science and Business Media Deutschland GmbH



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186	Paul, S.; Mitra, D.; Kundu, S.; Kundu, S.; Datta, S.; Ahamad, S.A.; Sarkar, A.; Saha, D.; Shaw, H.K.	Robust Human Target Detection and Acquisition Through Deep Learning	2025	Smart Innovation, Systems and Technologies	10.1007/978-981-96-1348-9_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003630466&doi=10.1007%2F978-981-96-1348-9_19&partnerID=40&md5=c78efb7a600a204621335196f4bc89ca	Springer Science and Business Media Deutschland GmbH
187	Acharjee, K.; Das, S.; Roy, S.; Nandi, P.	Enhancing Communication with Advanced CNN Models for Recognizing American Sign Language	2025	Smart Innovation, Systems and Technologies	10.1007/978-981-96-1348-9_29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003630175&doi=10.1007%2F978-981-96-1348-9_29&partnerID=40&md5=e55a3e745e86edc02d871f4762a4205d	Springer Science and Business Media Deutschland GmbH
188	Nath, I.; Sarkar, A.; Das, S.; Ghosh, A.; Sarkar, M.; Singh, D.; Misra, A.	A Comparative Study of Bitcoin Price Prediction Using Various Deep Learning Models	2025	Smart Innovation, Systems and Technologies	10.1007/978-981-96-1348-9_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003629736&doi=10.1007%2F978-981-96-1348-9_13&partnerID=40&md5=d60ea54ec8d49e1490d9f2b838752040	Springer Science and Business Media Deutschland GmbH



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189	Das, P.; Gupta, S.; Neogi, B.	Emotion Recognition System Using Indian Music for Therapeutic Cause	2025	Smart Innovation, Systems and Technologies	10.1007/978-981-96-1348-9_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003629008&doi=10.1007%2F978-981-96-1348-9_10&partnerID=40&md5=76abbb25f86f4729924996bacda5b86	Springer Science and Business Media Deutschland GmbH
190	Mondal, G.K.; Neogi, B.; Singh, D.; Roy, S.; Bose, R.	Challenges in Security and Mitigation Measures at Different Purdue Model in Industrial Control Systems	2025	Smart Innovation, Systems and Technologies	10.1007/978-981-96-1348-9_34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003622311&doi=10.1007%2F978-981-96-1348-9_34&partnerID=40&md5=888bf89172ee37b8557981d3ef536f21	Springer Science and Business Media Deutschland GmbH
191	Balasundaram, H.; Muhammad, T.; Santra, S.S.; Nandi, S.	Effect of hydrocephalus in an unsteady cerebrospinal fluid influencing diffusivity	2025	Numerical Heat Transfer, Part B: Fundamentals	10.1080/10407790.2024.2319338	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105003398912&doi=10.1080%2F10407790.2024.2319338&partnerID=40&md5=e092c62554ef85ffc2e61ee042142e8e	Taylor and Francis Ltd.



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192	Chauhan, S.S.; Suri, P.; Twala, B.; Priyadarshi, N.; Ali, F.	Exploring the relationship between macroeconomic indicators and sectoral indices of Indian stock market	2025	F1000Research	10.12688/f1000research.160668.2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002816239&doi=10.12688%2Ff1000research.160668.2&partnerID=40&md5=b668b42ee31c111a73998a493ff31468	F1000 Research Ltd
193	Nath, I.; Chatterjee, P.; Choudhury, R.R.; Singh, D.; Das, S.	VTSON: Various Techniques of Survivability in Optical Networks—A Review	2025	Lecture Notes in Electrical Engineering	10.1007/978-981-97-4711-5_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002710744&doi=10.1007%2F978-981-97-4711-5_17&partnerID=40&md5=04e97b826c7735468c9d1d40837f2094	Springer Science and Business Media Deutschland GmbH
194	Bhavani, M.M.; Balamurugan, P.; Sankaran, V.N.; Majumder, S.; Rakshitha, L.P.; Nandagopal, K.	Spectrum Sensing Methodology Using Artificial Intelligence for Cognitive Radio Network	2025		10.1109/CE2CT64011.2025.10941172	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002704540&doi=10.1109%2FCE2CT64011.2025.10941172&partnerID=40&md5=2b85b41196bc82ed6b3f3d675aa429fe	Institute of Electrical and Electronics Engineers Inc.



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196	Balasundaram, H.; Vijayalakshmi, R.; Kala, M.S.; Santra, S.S.; Nandi, S.; Majumder, D.	A mathematical analysis of cerebrospinal fluid pressure in subarachnoid space with poro-elasticity	2025	Radiation Effects and Defects in Solids	10.1080/ /10420150. 2025.2484735	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002118572&doi=10.1080%2F10420150.2025.2484735&partnerID=40&md5=6748da3e8d50a6e363723d8f143c10b4	Taylor and Francis Ltd.
197	Sadhu, S.; Kumari, K.; Namtirtha, A.; Curado Malta, M.C.; Dutta, A.	TGNN-Bet: Approximation of Temporal Betweenness Centrality using Temporal Graph Neural Network	2025	International Conference on Communication Systems and Networks, COMSNETS	10.1109/ /COMSNETS639 42. 2025.10885618	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001665265&doi=10.1109%2FCOMSNETS63942.2025.10885618&partnerID=40&md5=d2e9ed95c5e03f9ba279dd2e00034246	Institute of Electrical and Electronics Engineers Inc.



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199	Sinha, S.; Panda, T.; Sarkar, P.; Palai, G.; Pal, M.; Kumar, B.A.; Mohanty, S.K.	Designing efficient photonic waveguides for glucose detection in human urine for diabetic management	2025	Journal of Optics (India)	10.1007/s12596-025-02683-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001657193&doi=10.1007%2Fs12596-025-02683-x&partnerID=40&md5=663487e84b431b2682fa739b356bf6c3	Springer
200	Dey, D.K.; Prasad, B.; Sarkar, P.; Palai, G.; Achary, J.S.N.; Pal, M.	Efficient photonic integrated circuit for enhanced optical communication system	2025	Journal of Optics (India)	10.1007/s12596-025-02680-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001638570&doi=10.1007%2Fs12596-025-02680-0&partnerID=40&md5=982bd7938ba524fead3cdf54341eabc3	Springer



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201	Biswas, S.; Nahata, C.; Ghosh, S.; Sahoo, S.; Biswas, D.	Fish Freshness Detection Via Hybrid CNN-LSTM: An Interpretable Deep Learning Model	2025	Learning and Analytics in Intelligent Systems	10.1007/978-3-031-82706-8_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001044660&doi=10.1007%2F978-3-031-82706-8_37&partnerID=40&md5=5a75ad326d6736ea3e0337b9c4cc8902	Springer Nature
202	Pradhan, S.; Ghosh, S.; Sadhu, J.; Biswas, B.; Mandal, S.; Biswas, S.; Dash, S.	Deep Learning and Bio-Inspired Algorithm Based Chat Bot	2025	Learning and Analytics in Intelligent Systems	10.1007/978-3-031-82706-8_43	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000976683&doi=10.1007%2F978-3-031-82706-8_43&partnerID=40&md5=b1be67e970be3924aa796eeab9ee696d	Springer Nature
203	Pathak, A.; Mondal, A.; Singh, A.; Choudhary, A.K.; Biswas, S.; Rakshit, S.	Diachronic Analysis of User-Generated Content: A Machine Learning Approach to Tracing Blogosphere Evolution	2025	Learning and Analytics in Intelligent Systems	10.1007/978-3-031-82706-8_22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000906779&doi=10.1007%2F978-3-031-82706-8_22&partnerID=40&md5=c49c16cee5d096e69cbb74ef915ffc13	Springer Nature



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204	Sarkar, R.; Saha, D.; Rakshit, S.; Biswas, S.; Chakraborty, S.; Sadhu, A.K.	Machine Learning for Sustainable Agriculture: An Integrated Strategy for Identifying Crop Pests and Diseases Effectively	2025	Learning and Analytics in Intelligent Systems	10.1007/978-3-031-82706-8_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000888421&doi=10.1007%2F978-3-031-82706-8_30&partnerID=40&md5=24f46d33448a2e5f82400d87d198ad9	Springer Nature
205	Biswas, S.; Sahoo, S.; Rakshit, S.; Dash, S.	CNN-LSTM Based Hybrid Approach for Precise Brain Tumour Classification	2025	Learning and Analytics in Intelligent Systems	10.1007/978-3-031-82706-8_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000842317&doi=10.1007%2F978-3-031-82706-8_4&partnerID=40&md5=9b1856c1f30834571f2f5e993e17b491	Springer Nature
206	Sing, N.; Chakraborty, J.; Alam, P; Mahali, K.; Kundu, S.; Roy, S.	Solubility and thermodynamic interactions of L-aspartic acid in aqueous organic solvent systems	2025	Chemical Engineering Communications	10.1080/00986445.2025.2478626	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000553832&doi=10.1080%2F00986445.2025.2478626&partnerID=40&md5=15428315320b5c8b60f733eb3de6bb6d	Taylor and Francis Ltd.



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207	Mitra, U.; Rehman, S.	Integrating AI/ML with wearable devices for monitoring student mental health	2024		10.4018/979-8-3693-7817-5.ch010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000147328&doi=10.4018%2F979-8-3693-7817-5.ch010&partnerID=40&md5=fc20ae2c74cf97b45f00086737ac71bb	IGI Global
208	Mitra, U.; Rehman, S.	Significance of AI/ML wearable technologies for education and teaching	2024		10.4018/979-8-3693-7817-5.ch001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105000138682&doi=10.4018%2F979-8-3693-7817-5.ch001&partnerID=40&md5=5bd041df363afb2126bf77a4621c2600	IGI Global
209	Barik, R.; Pipersania, P.; Chandra, S.; Banerjee, S.; Basak, S.; Jha, S.; Naskar, N.B.J.	Comparative analysis for detecting cancer in various organs using cellular automata based segmentation technique	2024			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210110953&partnerID=40&md5=03f1613c19a609de0a8c45c63bdf253e	CRC Press
210	Sharma, P.; Palwalia, D. K.; Sharma, A.K.; Priyadarshi, N.; Padmanaban, P.	Coati optimized FOPID controller for non-isolated DC-DC converters in EV charging application	2024	IET Power Electronics	10.1049/pel2.12798	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206839833&doi=10.1049%2Fpel2.12798&partnerID=40&md5=3a9357077fd1e95dad3020376bdf6306	John Wiley and Sons Inc



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211	Ghosh, P.; Saha, T.; Chowdhury, R.; Barua, S.	Anxiety, depression, and stress prediction in modern life using machine learning, taxonomy, applications, and challenges	2024		10.4018/979-8-3373-1032-9.ch034	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002699590&doi=10.4018%2F979-8-3373-1032-9.ch034&partnerID=40&md5=91b9eea358dcc6d51cd222a8b33a5ef	IGI Global
212	Barua, N.; Saha, T.; Pattanayak, J.; Ghosh, P.	Encrypted negative password (ENP) authentication system	2024		10.4018/979-8-3373-1032-9.ch019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105002699250&doi=10.4018%2F979-8-3373-1032-9.ch019&partnerID=40&md5=38ae5004d0f8cea585f2fd481d871368	IGI Global
213	Palit, S.; Roy, C.S.	Securing Big Data with HADOOP in Enterprise Information System	2024	Proceedings of International Conference on Research in Education and Science		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85217713615&partnerID=40&md5=9eb2d7a6373022790fb5316951346a93	The International Society for Technology Education and Science
214	Akila, D.; Pal, S.; Sarkar, B.; Jayalakshmi, S.; Muthaiyah, S.; Anbananthen, K.S.M.	Multi-Criteria Decision-Making Model to Achieve Sustainable Developmental Goals in Industry 4.0 for Smart City Infrastructure	2024	HighTech and Innovation Journal	10.28991/HIJ-2024-05-04-018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214367008&doi=10.28991%2FHij-2024-05-04-018&partnerID=40&md5=2a699b31653d7a964852b31c794a3f86	Ital Publication



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215	Sadhu, S.; Namtirtha, A.; Curado Malta, M.C.; Dutta, A.	Normalized strength-degree centrality: identifying influential spreaders for weighted network	2024	Social Network Analysis and Mining	10.1007/s13278-024-01388-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85212095879&doi=10.1007%2Fs13278-024-01388-6&partnerID=40&md5=af9886619e24767d24bf02e5bf24bc5	Springer
216	Tiwari, S.; Gehlot, A.; Singh, R.; Twala, B.; Priyadarshi, N.	Design of an iterative method for disease prediction in finger millet leaves using graph networks, dyna networks, autoencoders, and recurrent neural networks	2024	Results in Engineering	10.1016/j.rineng.2024.103301	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210536979&doi=10.1016%2Fj.rineng.2024.103301&partnerID=40&md5=864dceb90eb23ed67d55766dd6477b44	Elsevier B.V.
217	Kalugotla, V.R.; Dhar Dubey, L.; Gupta, R.; Sengupta, A.R.	Experimental and computational investigations of the influence of elliptical and square-shaped dimples on performance of NACA 6409 blade profile	2024	Journal of the Brazilian Society of Mechanical Sciences and Engineering	10.1007/s40430-024-05263-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210428715&doi=10.1007%2Fs40430-024-05263-5&partnerID=40&md5=bf98d2d95aa4bb0ac6b5a554eb0b30f0	Springer Science and Business Media Deutschland GmbH



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218	Paul, A.; Seal, S.; Das, D.	Transformer-based Pauranic topic classification in Indian mythology	2024	Sadhana - Academy Proceedings in Engineering Sciences	10.1007/s12046-024-02598-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85204445541&doi=10.1007%2Fs12046-024-02598-6&partnerID=40&md5=1c68b79ecc51f14969e3915b2c172c8a	Springer
219	Kumar, V.; Singh, R.; Gehlot, A.; Akram, S.V.; Thakur, A.K.; Aseer, R.; Priyadarshi, N.; Twala, B.	Various computational methods for highway health monitoring in terms of detection of black ice: a sustainable approach in Indian context	2024	Discover Sustainability	10.1007/s43621-024-00466-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203263203&doi=10.1007%2Fs43621-024-00466-1&partnerID=40&md5=dc257bce81bfd14bcd2e4c11cb7c3dd5	Springer Nature
220	Chauhan, A.S.; Singh, R.; Priyadarshi, N.; Twala, B.; Suthar, S.; Swami, S.	Unleashing the power of advanced technologies for revolutionary medical imaging: pioneering the healthcare frontier with artificial intelligence	2024	Discover Artificial Intelligence	10.1007/s44163-024-00161-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202971388&doi=10.1007%2Fs44163-024-00161-0&partnerID=40&md5=569a2a508a218b697ccb7cc8bf1c19d	Springer Nature



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221	Bhatt, H.; Bahuguna, R.; Swami, S.; Singh, R.; Gehlot, A.; Akram, S.V.; Gupta, L.R.; Thakur, A. K.; Priyadarshi, N.; Twala, B.	Integrating industry 4.0 technologies for the administration of courts and justice dispensation—a systematic review	2024	Humanities and Social Sciences Communications	10.1057/s41599-024-03587-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201804009&doi=10.1057%2Fs41599-024-03587-0&partnerID=40&md5=9576ae73135ac343479e65ddc73be8e4	Springer Nature
222	Gopichand, G.; Sarath, T.; Dumka, A.; Goyal, H. R.; Singh, R.; Gehlot, A.; Gupta, L.R.; Thakur, A. K.; Priyadarshi, N.; Twala, B.	Use of IoT sensor devices for efficient management of healthcare systems: a review	2024	Discover Internet of Things	10.1007/s43926-024-00062-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200440615&doi=10.1007%2Fs43926-024-00062-9&partnerID=40&md5=bc9d959056da6a33dabbc9a5606c2821b	Springer Nature
223	Pachouri, V.; Chandramauli, A.; Singh, R.; Gehlot, A.; Priyadarshi, N.; Twala, B.	Removal of contaminants by chlorella species: an effort towards sustainable remediation	2024	Discover Sustainability	10.1007/s43621-024-00199-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186231081&doi=10.1007%2Fs43621-024-00199-1&partnerID=40&md5=7e81f06e032ee4a6203cde540fa99af1	Springer Nature



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224	Chatterjee, S.; Das, S.; Ganguly, K.; Mandal, D.	Advancements in robotic surgery: innovations, challenges and future prospects	2024	Journal of Robotic Surgery	10.1007/s11701-023-01801-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182437696&doi=10.1007%2Fs11701-023-01801-w&partnerID=40&md5=1c230b75663a0c1f8f2f2b8ad5662942	Springer Nature
225	Ghosh, B.; Chakraborty, J.; Abualreish, M.J.A.; Mondal, P.; Mahali, K.; Henaish, A.M.A.; Roy, S.	Study on solubility and solvation thermodynamics for the advancement of biorelevant activities of L-isoleucine and L-serine in aqueous ammonium chloride solutions in the temperature range of 288.15–308.15 K	2024	Biochemical and Biophysical Research Communications	10.1016/j.bbrc.2024.150809	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206267242&doi=10.1016%2Fj.bbrc.2024.150809&partnerID=40&md5=7157250fdade2c4dd99d54326357b908	Elsevier B.V.
226	Rakshit, P.; Sarkar, P.; Debnath, S.	Transmission dynamics prediction models with data visualization and analysis of COVID-19	2024			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203038009&partnerID=40&md5=bfc03e1d88634e150daa6e3a28f8cd09	Apple Academic Press
227	V.N., D.; Sen, S.; Chattopadhyaya, M.	A density functional study of type I to type II crossover in g-C ₃ N ₄ /CoN ₄ heterostructure in presence of external perturbation	2024	International Journal of Hydrogen Energy	10.1016/j.ijhydene.2024.10.141	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206669534&doi=10.1016%2Fj.ijhydene.2024.10.141&partnerID=40&md5=98884256bfe709b030aacd2422bb4c4b	Elsevier Ltd



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228	Biswas, P.; Das, S.K.; Sahoo, P.	Tribological and corrosion performance of duplex electrodeposited Ni-P/Ni-W-P coatings	2024	Physica Scripta	10.1088/1402-4896/ad826e	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206875215&doi=10.1088%2F1402-4896%2Fad826e&partnerID=40&md5=720926b770d87fc1c11d560ec9553a10	Institute of Physics
229	Arulmozhi, S.; Sukkiramathi, K.; Santra, S.S.; Nandi, S.; Vajravelu, K.; Kumbhakar, B.; Hussain, S.M.	Stokes' second problem exact solution for hybrid nanofluid flow along an exponentially accelerating vertical surface	2024	ZAMM Zeitschrift fur Angewandte Mathematik und Mechanik	10.1002/zamm.202400248	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205377254&doi=10.1002%2Fzamm.202400248&partnerID=40&md5=98a9adc305daedeb e351fad6f7a87f8e	John Wiley and Sons Inc
230	Khan, M.; Dutta, T.; Khan, M.; Al-Hamoud, K.; Khan, S.T.; Abdullah, M.M.S.; Alkathlan, H.Z.	Exploring various extracts and compounds of Grewia velutina as potential anticancer agents: An in vitro and in silico investigations	2024	Journal of King Saud University - Science	10.1016/j.jksus.2024.103427	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203414062&doi=10.1016%2Fj.jksus.2024.103427&partnerID=40&md5=2c1320060fe91bdd02d8654d2812ee29	Elsevier B.V.
231	Bathmanaban, P.; Siva, E.P.; Santra, S.S.; Askar, S.S.; Foul, A.; Nandi, S.	Correction to: Heat and mass transfer in double-diffusive mixed convection of Casson fluid: biomedical applications (Colloid and Polymer Science, (2024), 302, 10, (1635-1669), 10.1007/s00396-024-05286-3)	2024	Colloid and Polymer Science	10.1007/s00396-024-05310-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202027425&doi=10.1007%2Fs00396-024-05310-6&partnerID=40&md5=e4e48dacd55248f5b8c1d43839e7beef	Springer Science and Business Media Deutschland GmbH



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232	Dutta Choudhuri das, B.D.C.; Patra, A.; Saha, A.; Sikder, S.S.	Secured communication of multiple compressed infrared images using 6D hyper-chaotic encryption	2024	Journal of Optics (India)	10.1007/s12596-024-01655-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184251801&doi=10.1007%2Fs12596-024-01655-x&partnerID=40&md5=dd0004fbc9cf46797bfa059d642a291	Springer
233	Negi, P.; Pathani, A.; Bhatt, B.C.; Swami, S.; Singh, R.; Gehlot, A.; Thakur, A.K.; Gupta, L. R.; Priyadarshi, N.; Twala, B.; Sikarwar, V. S.	Integration of Industry 4.0 Technologies in Fire and Safety Management	2024	Fire	10.3390/fire7100335	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207678647&doi=10.3390%2Ffire7100335&partnerID=40&md5=50c1218508742c0f1b4c568f869ee735	Multidisciplinary Digital Publishing Institute (MDPI)
234	Mondal, B.; Sarkar, A.; Santra, S.S.; Askar, S.S.; Foul, A.	Exploring bistable plankton dynamics: stochastic model analysis by SSF techniques	2024	European Physical Journal Plus	10.1140/epjp/s13360-024-05606-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85207631925&doi=10.1140%2Fepjp%2Fs13360-024-05606-0&partnerID=40&md5=50d7352e659f5018b62ae7c29f1fe09d	Springer Science and Business Media Deutschland GmbH
235	Bathmanaban, P.; Siva, E.P.; Santra, S.S.; Askar, S.S.; Foul, A.; Nandi, S.	Heat and mass transfer in double-diffusive mixed convection of Casson fluid: biomedical applications	2024	Colloid and Polymer Science	10.1007/s00396-024-05286-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199281314&doi=10.1007%2Fs00396-024-05286-3&partnerID=40&md5=b26699a6e4490bce92acaa55a09be033	Springer Science and Business Media Deutschland GmbH



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236	Biswas, A.; Prasad Mitra, S.; Bhowmick, R.; Adak, D.; Chattopadhyaya, M.; Sen, S.	Evidence of half metal to insulator transition and subsequent photocatalytic action in g-C ₄ N ₃ @Lin =1 to 4: A systematic theoretical analysis	2024	Solid State Communications	10.1016/j.ssc.2024.115585	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85196276374&doi=10.1016%2Fj.ssc.2024.115585&partnerID=40&md5=65cecba735f0cf60d752f69087c3d497	Elsevier Ltd
237	Gurung, P.; Das, A.; Pradhan, S.; Chettri, A.; Dutta, T.; Sinha, B.	A new amino functionalized thio-modified β -cyclodextrin based ligand and its Fe (III) complex with physico-chemical and antibacterial activity: an integrated experimental and computational investigation	2024	Journal of Inclusion Phenomena and Macrocyclic Chemistry	10.1007/s10847-024-01247-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195557193&doi=10.1007%2Fs10847-024-01247-z&partnerID=40&md5=4edc5d13b76b67ca0dab42a9a4826646	Springer
238	Dhara, S.; Shrivastav, A. K.; Bhaumik, K.; Sadhu, P.K.	Analysis and investigation of synchronous machine rotor winding short-circuit fault in a distribution system	2024	Microsystem Technologies	10.1007/s00542-024-05640-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85190816671&doi=10.1007%2Fs00542-024-05640-z&partnerID=40&md5=c87af5daa3b1933ab677fc97b3fcc383	Springer Science and Business Media Deutschland GmbH



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240	Jayaprakash, J.; Govindan, V.; Santra, S. S.; Askar, S.S.; Foul, A.; Nandi, S.; Hussain, S.M.	Thermal radiation, Soret and Dufour effects on MHD mixed convective Maxwell hybrid nanofluid flow under porous medium: a numerical study	2024	International Journal of Numerical Methods for Heat and Fluid Flow	10.1108/HFF-03-2024-0229	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202843152&doi=10.1108%2FHFF-03-2024-0229&partnerID=40&md5=fdb5104b6edc03486d0e663f76647a30	Emerald Publishing
241	Dutta, T.; Maity, A.; Khan, A.A.; Ghosh, N.	Activity of pure flavonoid-based green silver nano particles against breast cancer: A combined experimental and computational investigation	2024	Journal of Molecular Structure	10.1016/j.molstruc.2024.138348	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191165228&doi=10.1016%2Fj.molstruc.2024.138348&partnerID=40&md5=951bd8d2cd4e49e2e61af0b91f966be6	Elsevier B.V.
242	Sarkar, R.; Sarkar, B.; Pal, S.	Temperature and field induced magnetic and dielectric properties of monovalent (Li+1) doped multiferroic GdMnO3: grain and grain boundary effect on relaxation	2024	Journal of Materials Science: Materials in Electronics	10.1007/s10854-024-13376-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85204788982&doi=10.1007%2Fs10854-024-13376-9&partnerID=40&md5=c9ed9427c8b4f19bcb176518599db260	Springer



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243	Krishna, G.; Singh, R.; Gehlot, A.; Akram, S.V.; Twala, B.; Priyadarshi, N.	IoT-based real-time analysis of battery management system with long range communication and FLoRa	2024	Results in Engineering	10.1016/j.rineng.2024.102770	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203062113&doi=10.1016%2Fj.rineng.2024.102770&partnerID=40&md5=4fcf38dfbf796abb95b1944afa70f855	Elsevier B.V.
244	Dash, D.K.; Sadhu, P.K.; Shrivastav, A.K.	A robust super twisting sliding mode controller for optimal grid synchronization of photovoltaic system	2024	Microsystem Technologies	10.1007/s00542-023-05573-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178437451&doi=10.1007%2Fs00542-023-05573-z&partnerID=40&md5=902a4583a923a2d3558e176240d45689	Springer Science and Business Media Deutschland GmbH
245	Negi, P.; Thakur, G.; Singh, R.; Gehlot, A.; Thakur, A.K.; Gupta, L. R.; Priyadarshi, N.; Twala, B.	Perception of lean construction implementation barriers in the indian prefabrication sector	2024	Heliyon	10.1016/j.heliyon.2024.e36458	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201389030&doi=10.1016%2Fj.heliyon.2024.e36458&partnerID=40&md5=a276e0c71d92889d9ff88ab5fbf3c638	Elsevier Ltd
246	Laha, R.M.; Aich, S.; Sarkar, A.K.; Dutta, T.; Ghosh, N.; Khamarui, S.; Maiti, D.K.	New routes towards azomethine ylide generation from prolines to synthesize diverse N-heterocycles: a DFT supported endo-selective mechanism	2024	Organic and Biomolecular Chemistry	10.1039/d4ob01004c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202032399&doi=10.1039%2Fd4ob01004c&partnerID=40&md5=85d8b4616c62436ba0b739eea1f54608	Royal Society of Chemistry



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247	Sarkar, A.; Mondal, B.; Pandey, S.; Sk, N.	Unraveling Chaos, Transition and Dynamical Complexities in a Generalized Predator-Prey Model with Cooperation-Induced Fear and Gestation Delay	2024	International Journal of Bifurcation and Chaos	10.1142/S0218127424501190	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200542915&doi=10.1142%2FS0218127424501190&partnerID=40&md5=38a98ee8d0a8bbd67cd9f3d492d12fd7	World Scientific
248	Chakraborty, J.; Mahali, K.; Henaish, A.M.A.; Ahmed, J.; Alshehri, S. M.; Hossian, A.; Roy, S.	Exploring the solubility and intermolecular interactions of biologically significant amino acids L-serine and L-cysteine in binary mixtures of H ₂ O + DMF, H ₂ O + DMSO and H ₂ O + ACN in temperature range from T = 288.15 K to 308.15 K	2024	Biophysical Chemistry	10.1016/j.bpc.2024.107272	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85194735861&doi=10.1016%2Fj.bpc.2024.107272&partnerID=40&md5=3571b0d045612f0805ce2ceadb01f2d7	Elsevier B.V.
249	Dhilshada, V.N.; Chandran, A.; Sen, S.; Chattopadhyaya, M.	Density functional theory-based modeling of the half-metallic g-C ₃ N ₄ /CoN ₄ heterojunction for photocatalytic water splitting reaction	2024	Physical Chemistry Chemical Physics	10.1039/d4cp00929k	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85199700793&doi=10.1039%2Fd4cp00929k&partnerID=40&md5=8269b0051087673484444d71cbe1dadd	Royal Society of Chemistry



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250	Alzabut, J.; Grace, S.R.; Santra, S.S.; Samei, M.E.	Oscillation Criteria for Even-Order Nonlinear Dynamic Equations with Sublinear and Superlinear Neutral Terms on Time Scales	2024	Qualitative Theory of Dynamical Systems	10.1007/s12346-024-00961-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185139858&doi=10.1007%2Fs12346-024-00961-w&partnerID=40&md5=42fb32907f44e4d1b11ad8fa90be842f	Birkhauser
251	Pradhan, S.; Gurung, P.; Chettri, A.; Chhetri, P.; Sherpa, N.D.; Dutta, T.; Sinha, B.	Synthesis of HER-capable cobalt metal organic framework using a straightforward reflux method and a thorough spectroscopic and theoretical analysis	2024	Journal of the Indian Chemical Society	10.1016/j.jics.2024.101166	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191945544&doi=10.1016%2Fj.jics.2024.101166&partnerID=40&md5=8d1f57762a3ad2a6f6a00d3b9afc69c8	Elsevier B.V.
252	Chakraborty, J.; Mahali, K.; Henaish, A.M.A.; Ahmed, J.; Alshehri, S. M.; Roy, S.	Probing pharmaceutically important amino acids L-isoleucine and L-tyrosine Solubilities: Unraveling the solvation thermodynamics in diverse mixed solvent systems	2024	Biophysical Chemistry	10.1016/j.bpc.2024.107229	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189184547&doi=10.1016%2Fj.bpc.2024.107229&partnerID=40&md5=a85e3e3acf3e2ed510dbe21fd33a6526	Elsevier B.V.
253	Pandey, R.; Biswas, A.; Chakraborty, U.	Compact body-worn MIMO antenna with high port isolation for UWB applications	2024	International Journal of Communication Systems	10.1002/dac.5764	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188307846&doi=10.1002%2Fdac.5764&partnerID=40&md5=1bf515c4421303ba760da95d7cf95ce2	John Wiley and Sons Ltd



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254	Dhara, S.; Shrivastav, A. K.; Sadhu, P.K.	Power quality enhancement of microgrid using fuzzy logic controlled inverter and SFCL	2024	Microsystem Technologies	10.1007/s00542-023-05597-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183393669&doi=10.1007%2Fs00542-023-05597-5&partnerID=40&md5=ad02f42fee93ce00d5213a411f12bf94	Springer Science and Business Media Deutschland GmbH
255	Kumar, N.; Upadhyay, S.; Karthikeyan, M.; Sen, A.; Chetana, S.; Joshi, N.C.; Priyadarshi, N.; Hossain, I.; Mohamed Nainar, M.N. M.	Facile one-step solid-state synthesis of CuO nanoparticles finely decorated over carbon sheets for improved OER activity	2024	Journal of Alloys and Compounds	10.1016/j.jallcom.2024.173842	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85185561275&doi=10.1016%2Fj.jallcom.2024.173842&partnerID=40&md5=7e54bd99ec2fd920d1408e6fff58510e	Elsevier Ltd
256	Mishra, C.S.; Palai, G.; Satpathy, R.N.; Sarkar, P.	Realization of 2D pressure sensor using germanium photonic crystal waveguide via FDTD method	2024	Journal of Optoelectronics and Advanced Materials		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203381671&partnerID=40&md5=32a5b8db8ebf7a9a66dbec7369a238e1	National Institute of Optoelectronics
257	Dutta, T.; Chaudhuri, H.	Impact of industrial hotspots on Tamla nala and Nunia nala confluence - a tributary of the Damodar river	2024	Environmental Monitoring and Assessment	10.1007/s10661-024-12668-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191873590&doi=10.1007%2Fs10661-024-12668-1&partnerID=40&md5=48559027d1387084a1ca453878980afd	Springer Science and Business Media Deutschland GmbH



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258	Dhara, S.; Shrivastav, A. K.; Sadhu, P.K.	Radial basis function network based PV and wind system using maximum power point tracking	2024	Microsystem Technologies	10.1007/s00542-023-05485-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161446962&doi=10.1007%2Fs00542-023-05485-y&partnerID=40&md5=ffb66c675173195ec6c0f48afa961f	Springer Science and Business Media Deutschland GmbH
259	Singh Bisht, Y.S.; Singh, R.; Gehlot, A.; Akram, S. V.; Thakur, A.K.; Priyadarshi, N.; Twala, B.	Recent trends and technologies in rapid prototyping and its inclination towards industry 4.0	2024	Sustainable Engineering and Innovation	10.37868/sei.v6i1.id288	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201690224&doi=10.37868%2Fsei.v6i1.id288&partnerID=40&md5=732ce209d5ab43ce7082d31bb9817f70	Research and Development Academy
260	Singh, R.; Gehlot, A.; Akram, S.V.; Thakur, A. K.; Gupta, L.R.; Priyadarshi, N.; Twala, B.	Integration of advanced digital technologies in the hospitality industry: A technological approach towards sustainability	2024	Sustainable Engineering and Innovation	10.37868/sei.v6i1.id208	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85195695303&doi=10.37868%2Fsei.v6i1.id208&partnerID=40&md5=b55af48d359170324c4ef5191acef443	Research and Development Academy
261	Rakshit, P.; Paul, S.; Dey, S.	Sign language detection using convolutional neural network	2024	Journal of Ambient Intelligence and Humanized Computing	10.1007/s12652-024-04761-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188607537&doi=10.1007%2Fs12652-024-04761-7&partnerID=40&md5=bd62d6ec077eb7c3b128d6fb727fb7a	Springer Science and Business Media Deutschland GmbH



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263	Bose, M.; Biswas, A.; Sarkhel, A.; Kundu, A.; Chakraborty, U.	An implantable ISM band antenna for biomedical application	2024	Frequenz	10.1515/freq-2023-0207	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180815749&doi=10.1515%2Ffreq-2023-0207&partnerID=40&md5=2f75684fbd1e74ee5b24e995d02e3090	Walter de Gruyter GmbH
264	Gupta, S.; Das, P.; Neogi, B.; Roy, A.; Sur, M.; Maity, M.; Majumdar, T.	Technology Enhanced Learning driven music inspired LEARN with NOODLE model for inclusive education	2024	Journal of Engineering Education Transformations	10.16920/jeet/2024/v37is2/24036	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189350019&doi=10.16920%2Fjeet%2F2024%2Fv37is2%2F24036&partnerID=40&md5=e9c4022b73e58d97910d69eb497dbbdc	Rajarambapu Institute Of Technology
265	Sing, N.; Mahali, K.; Mondal, P.; Chakraborty, J.; Henaish, A.M.A.; Ahmed, J.; Hussain, A.; Roy, S.	Exploring solubility and energetics: Dissolution of biologically important l-threonine in diverse aqueous organic mixtures across the temperature range of 288.15 K to 308.15 K	2024	Biophysical Chemistry	10.1016/j.bpc.2023.107154	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180590404&doi=10.1016%2Fj.bpc.2023.107154&partnerID=40&md5=ed7767920c6d060d2b8145738c647d08	Elsevier B.V.



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267	Das, K.; Zaman, S.; Khan, A.; Sadhu, A.; Bhattacharjee, S.; Khan, F.S.; Sarkar, B.	Hybrid-quantum approach for the optimal lockdown to stop the SARS-CoV-2 community spread subject to maximising nation economy globally	2024	IET Quantum Communication	10.1049/qtc2.12068	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169478804&doi=10.1049%2Fqtc2.12068&partnerID=40&md5=2125f8e8291b76f2e478690f4e6f1798	John Wiley and Sons Inc
268	Pandey, S.; Ghosh, U.; Das, D.; Chakraborty, S.; Sarkar, A.	Rich dynamics of a delay-induced stage-structure prey-predator model with cooperative behaviour in both species and the impact of prey refuge	2024	Mathematics and Computers in Simulation	10.1016/j.matcom.2023.09.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173564316&doi=10.1016%2Fj.matcom.2023.09.002&partnerID=40&md5=6076e328197aef9834e3463ff15be315	Elsevier B.V.
269	Biswas, P.; Das, S.K.; Sahoo, P.	Mechanical, Tribological and Corrosion Performances of Autocatalytic Duplex Ni-P/Ni-Mo-P Coating	2024	Arabian Journal for Science and Engineering	10.1007/s13369-023-08246-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171140460&doi=10.1007%2Fs13369-023-08246-1&partnerID=40&md5=8b33fac5f7f6f7b3773c5d38a4bd0430	Institute for Ionics



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270	Pandey, S.; Sarkar, A.; Das, D.; Chakraborty, S.	Dynamics of a delay-induced prey-predator system with interaction between immature prey and predators	2024	International Journal of Biomathematics	10.1142/S179352452350016X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85154060665&doi=10.1142%2FS179352452350016X&partnerID=40&md5=b55419aad2cad859af939bbbf3fb79a4	World Scientific
271	Priyadarshi, N.; Mahajan, M.S.; Almakhles, D.	A Novel Hybrid Whale Optimization Algorithm Differential Evolution Algorithm-Based Maximum Power Point Tracking Employed Wind Energy Conversion Systems for Water Pumping Applications: Practical Realization	2024	IEEE Transactions on Industrial Electronics	10.1109/TIE.2023.3260345	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151542200&doi=10.1109%2FTIE.2023.3260345&partnerID=40&md5=e42e6a5ffe1ccb88aae1a77b25127c19	Institute of Electrical and Electronics Engineers Inc.
272	Mondal, A.; Mondal, B.; Chakraborty, A.; Kar, A.; Biswas, A.; Majumder, A.B.	Heart Disease Prediction Using Support Vector Machine and Artificial Neural Network	2024	Artificial Intelligence and Applications	10.47852/bonviewAIA3202823	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105006486638&doi=10.47852%2FbonviewAIA3202823&partnerID=40&md5=803d0bb7a19d90f379baa50d28142dce	Bon View Publishing Pte Ltd



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274	Roy, S.S.; Karfa, S.; Sharma, S.; Ghosh, S.	Theoretical Study of Optoelectronic Nanoparticles Optical Absorption Enhancement	2024		10.1109/EDKCON62339.2024.10870752	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85219549875&doi=10.1109%2FEDKCON62339.2024.10870752&partnerID=40&md5=d7d9bb106422e7844d57d3e2d3239d1f	Institute of Electrical and Electronics Engineers Inc.
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277	Roy, S.S.; Karfa, S.; Sharma, S.; Ghosh, S.	Nonlinear Molecular Quantum Dynamics in an Entirely Nonhomogeneous DNA Chain Voltage	2024		10.1109 /EDKCON62339. 2024.10870839	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85219504737&doi=10.1109%2FEDKCON62339.2024.10870839&partnerID=40&md5=14a04656a9279089dd237bdf279c2c9	Institute of Electrical and Electronics Engineers Inc.
278	Bag, S.; Mandal, D.	Revolutionizing Oral and Maxillofacial Surgery: Cutting-edge Advances in Tissue Engineering	2024	Trends in Biomaterials and Artificial Organs	10.5281 /zenodo. 14823516	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85218924099&doi=10.5281%2Fzenodo.14823516&partnerID=40&md5=7d9b9a1081c83480cf28a6eff0858053	Society for Biomaterials and Artificial Organs - India
279	DasGupta, S.; Saha, T.; Saha, S.; Roy, R.; Das, T.; Roy, A.; Nayak, C.	A Study of Crime Analysis Using Machine Learning	2024	Lecture Notes in Networks and Systems	10.1007/978- 981-97-6684- 0_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85215696728&doi=10.1007%2F978-981-97-6684-0_1&partnerID=40&md5=431ab64de3af2e0c3d1de749bf3b2dcf	Springer Science and Business Media Deutschland GmbH



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281	Barman, A.; Dutta, T.; Bhattacharjee, S.	Green synthesis of polymer nano-composites and its biomedical applications	2024		10.1016/B978-0-323-96020-5.00176-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85214516501&doi=10.1016%2FB978-0-323-96020-5.00176-X&partnerID=40&md5=a7623b703f0e0f732aa0f79df1019d92	Elsevier
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285	Bhattacharjee, S.; Das, K.; Sarkar, B.	Solving Delivery Allocation for Logistic Network Using Quantum Annealing	2024	Lecture Notes in Networks and Systems	10.1007/978-981-97-4799-3_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213941658&doi=10.1007%2F978-981-97-4799-3_4&partnerID=40&md5=47dcf40514511f35719ddc7cbea16307	Springer Science and Business Media Deutschland GmbH
286	Majumder, A.B.; Gupta, S.; Majumder, S.; Singh, D.	An Ensemble Model for Predicting Cardiovascular Disease utilizing Nature Inspired Optimization نموذج تجميعي للتنبؤ بأمراض القلب والأوعية الدموية باستخدام التحسين المستوحى من الطبيعة	2024	Baghdad Science Journal	10.21123/bsj.2024.9973	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85213864737&doi=10.21123%2Fbsj.2024.9973&partnerID=40&md5=58ad4936c1221a19c75e703f9b91f92a	University of Baghdad



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288	Dhivya, D.; Govindan, V.; Vignesh, P.; Santra, S.S.; Baleanu, D.; Altanji, M.	HYERS-ULAM STABILITY of EBOLA and NIPAH VIRUS CO-INFECTION FRACTIONAL DYNAMICS	2024	Fractals	10.1142/S0218348X25400341	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210998055&doi=10.1142%2FS0218348X25400341&partnerID=40&md5=824f54f25aba3b062ca7f66d59997ace	World Scientific
289	Kundu, K.; Bhattacharya, A.; Sur, S.N.; Biswas, A.; De, A.; Pathak, N.N.	Application of NOMA in 6G networks leveraging Artificial Intelligence	2024		10.1201/9781003517689-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85210853444&doi=10.1201%2F9781003517689-9&partnerID=40&md5=eea1e55d388b40a55405b387da764eca	CRC Press



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291	Bhattacharjee, S.; Barman, A.; Dutta, T.	Impacts of trapped charges on the performance of dielectric modulated junctionless Trench DG FET biosensors	2024		10.1109/ICCIGST60741.2024.10717473	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208437161&doi=10.1109%2FICCIGST60741.2024.10717473&partnerID=40&md5=07fbe09438abc438347a012f5c38272b	Institute of Electrical and Electronics Engineers Inc.
292	Das, S.; Nath, I.; Dey, D.; Bhattacharyya, R.; Kar, P.; Guha, A.; Ghosh, S.	An Intelligent Approach for Detrimental Emotion Classification and Healthcare Management	2024		10.1109/ICCIGST60741.2024.10717562	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85208418613&doi=10.1109%2FICCIGST60741.2024.10717562&partnerID=40&md5=10c93fc3f07eff30212ac4a6244ff1d3	Institute of Electrical and Electronics Engineers Inc.



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294	Saha, A.; Chakraborty, J.; Abualreish, M.J.A.; Kundu, S.; Mahali, K.; Ganai, S.; Mukherjee, P.; Roy, S.	Solubility Properties of Glycine in Aqueous NH ₄ Cl and (NH ₄) ₂ SO ₄ Solutions from T = 288.15 K to 308.15 K	2024	Physical Chemistry Research	10.22036/pcr.2024.460474.2533	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206487287&doi=10.22036%2Fpcr.2024.460474.2533&partnerID=40&md5=6b141c7afe7a1afa125ae92fa3182644	Iranian Chemical Society
295	Sarkar, A.; Kang, Y.; Tiwari, P.K.	Exploring the influence of refuges and additional foods on predator-prey interactions amidst environmental stochasticity and water level fluctuations	2024	International Journal of Biomathematics	10.1142/S1793524524501043	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206322081&doi=10.1142%2F1793524524501043&partnerID=40&md5=b6f50999cd055ac3baf8a25b078ecc2d	World Scientific



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297	Gupta, R.; Nandi, S.; Santra, S.S.; Saha, S.; Vajravelu, K.	Numerical simulation of an unsteady ternary hybrid nanofluid along a convectively heated curved stretching sheet: A Tiwari-Das model	2024	Proceedings of the Institution of Mechanical Engineers, Part N: Journal of Nanomaterials, Nanoengineering and Nanosystems	10.1177/23977914241286681	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85206100863&doi=10.1177%2F23977914241286681&partnerID=40&md5=9f8316b5087b175a33075f8104fe6760	SAGE Publications Ltd
298	Roy, A.; Roy, P.K.; Mitra, A.; Choudhury, S. R.; Chakraborty, S.	Whale optimization algorithm based rigid and non-rigid registration	2024	Edelweiss Applied Science and Technology	10.55214/25768484.v8i4.1479	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205571462&doi=10.55214%2F25768484.v8i4.1479&partnerID=40&md5=9aef5abfada30c534b3e8b5f959eef90	Learning Gate
299	Modak, D.; Nair, S.D.; Kundu, A.; Sarkar, I.; Ganguly, K.; Mukherjee, M.	Low Noise GaN/AlxGa1-xN on SiC vertical p-n diodes for improved optoelectronic performance	2024		10.1109/SPACE63117.2024.10667727	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85205265104&doi=10.1109%2FSPACE63117.2024.10667727&partnerID=40&md5=4a2e0f6b300bf1dd4d1017c86db62aa6	Institute of Electrical and Electronics Engineers Inc.



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301	Roy, S.S.	Kinks-Antikinks Dynamics of Nonlinear DNA Molecules	2024	Springer Proceedings in Physics	10.1007/978-3-031-66874-6_45	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85204643536&doi=10.1007%2F978-3-031-66874-6_45&partnerID=40&md5=8b1e4419e565afe5c4951bd67e9491b9	Springer Science and Business Media Deutschland GmbH
302	Kumar, R.; Singh, R.; Goel, R.; Singh, T.; Priyadarshi, N.; Twala, B.	Incentivizing green building technology: A financial perspective on sustainable development in India	2024	F1000Research	10.12688 /f1000research. 154056.2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85204418637&doi=10.12688%2Ff1000research.154056.2&partnerID=40&md5=c596843d370193e74478c8b80c711bb5	F1000 Research Ltd



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303	Ghosh, S.; Saha, S.; DasGupta, S.; Nath, S.	Machine Learning Based Approach for Crime Analysis in India with an Emphasis on Women Safety	2024	Lecture Notes in Computer Science	10.1007/978-3- 031-71115-2_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203865722&doi=10.1007%2F978-3-031-71115-2_16&partnerID=40&md5=ff495cda021565341a096abcb21551d1	Springer Science and Business Media Deutschland GmbH
304	Sinha, S.; Panda, T.; Sarkar, P.; Pal, M.; Palai, G.	Investigation of calculus in human teeth using the combination of silicon based photonic devices and finite element method	2024	Journal of Optics (India)	10.1007 /s12596-024- 02192-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203391129&doi=10.1007%2Fs12596-024-02192-3&partnerID=40&md5=10cb261e5d25b7d09c2b1df1858bed18	Springer
305	Dey, D.K.; Prasad, B.; Palai, G.; Sarkar, P.	Understanding of efficient optical circuit using silicon waveguide at third communication window	2024	Journal of Optics (India)	10.1007 /s12596-024- 02189-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203328865&doi=10.1007%2Fs12596-024-02189-y&partnerID=40&md5=199637c5777af6aa19eb91c2d765b5ce	Springer



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306	Mukhopadhyay, A.; Sharma, A.; Hossain, A.; Roy, S.; Singha, S.; Modak, D.; Gupta, A.K.; Shaw, A.; Sarkar, A.; Paul, N.; Sengupta, A.R.; Rakshit, S.	A Review on the Effect of Different Performance Parameters of H-Darrius Turbines	2024	Lecture Notes in Mechanical Engineering	10.1007/978-981-97-4500-5_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85203160281&doi=10.1007%2F978-981-97-4500-5_14&partnerID=40&md5=3968e895b0e617f1bc5f9d46cb4e41a5	Springer Science and Business Media Deutschland GmbH
307	Bhattacharjee, S.; Dhar, P.; Roy, S.	Impacts of Cavity Thickness and Insulating Material on Dielectric Modulated Trench Junction-less Double Gate Field Effect Transistor for Biosensing Applications	2024	Current Materials Science	10.2174/0126661454274311231011070702	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85202433567&doi=10.2174%2F0126661454274311231011070702&partnerID=40&md5=d7e6b29cfa8e5d275fcc449ed7b84e3	Bentham Science Publishers
308	Patra, A.; Ghosh, A.; Das, M.; Ghosal, A.; Mukhopadhyay, N.; Saha, A.	Video Encryption Using Diffraction Grating and QR Code in Optical Frequency Domain	2024	Signals and Communication Technology	10.1007/978-3-031-56144-3_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201367634&doi=10.1007%2F978-3-031-56144-3_33&partnerID=40&md5=1bc6b950c948d59d66c08da97633d3df	Springer Science and Business Media Deutschland GmbH



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309	Mukhopadhyay, N.; Patra, A.; Saha, A.	Progress in Birefringent Material-Based Achromatic Phase Modulators	2024	Signals and Communication Technology	10.1007/978-3-031-56144-3_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85201364648&doi=10.1007%2F978-3-031-56144-3_31&partnerID=40&md5=23a98995fcdbf4b335197490a140f633	Springer Science and Business Media Deutschland GmbH
310	Mishra, P.; Prasad, B.; Palai, G.; Sarkar, P.; Panda, T.	Realization of an efficient long-haul optical link using compensating fiber via dispersion mitigation	2024	Journal of Optics (India)	10.1007/s12596-024-02024-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200861869&doi=10.1007%2Fs12596-024-02024-4&partnerID=40&md5=c470fa5015cfe4a6f3c0531162af4f30	Springer
311	Bhandari, A.; Majumder, A.B.; Das, S.	An Intelligent System for Prediction of Lung Cancer Under Machine Learning Framework	2024	Lecture Notes in Networks and Systems	10.1007/978-981-97-3242-5_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85200693785&doi=10.1007%2F978-981-97-3242-5_3&partnerID=40&md5=bf8959f0d6892683b2224889dc5b754b	Springer Science and Business Media Deutschland GmbH



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312	Das, R.; Adhikary, S.; Basak, R.; Chanda, C.K.; Chakrabarty, M.	A Dual-Axis Sun Tracking Solar Panel Controlling by Arduino	2024	Lecture Notes in Electrical Engineering	10.1007/978- 981-97-0154- 4_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197813567&doi=10.1007%2F978-981-97-0154-4_5&partnerID=40&md5=458aded8ab62b22bf992c3dcf2dc6125	Springer Science and Business Media Deutschland GmbH
313	Paul, C.; Ghosh, D.; Bhowmick, H.; Saha, S.; Sajit Ghosh, D.; Ghorai, S.; Shrivastav, A.K.	A Review on Role of Soft Computing (SC) Techniques in Microgrid Energy Management Systems	2024	Lecture Notes in Electrical Engineering	10.1007/978- 981-97-0154- 4_28	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197766708&doi=10.1007%2F978-981-97-0154-4_28&partnerID=40&md5=c6896cc7c5a3eae852c8e0b4eabb55bf	Springer Science and Business Media Deutschland GmbH
314	Dubey, L.D.; Kalugotla, V.R.; Gupta, R.; Sengupta, A.R.	Investigation on Aerodynamic Performance of Unsymmetrical Blade Profile by Experimental and CFD Analysis	2024	Lecture Notes in Mechanical Engineering	10.1007/978- 981-97-0900- 7_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85197197982&doi=10.1007%2F978-981-97-0900-7_37&partnerID=40&md5=9317e89398b4bc8b8c1fb7932c71346	Springer Science and Business Media Deutschland GmbH



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315	Majumder, A.B.; Gupta, S.; Majumder, S.; Singh, D.	A Heart Disease Prediction Model using Merged XGBoost-SVM Classifier and Particle Swarm Optimization	2024		10.1109/ICMCSI61536.2024.00042	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191226521&doi=10.1109%2FICMCSI61536.2024.00042&partnerID=40&md5=2c99057a0226ec7cadf5b70431a47018	Institute of Electrical and Electronics Engineers Inc.
316	Gunasekar, T.; Raghavendran, P.; Santra, S.S.; Sajid, M.	Existence and controllability results for neutral fractional Volterra-Fredholm integro-differential equations	2024	Journal of Mathematics and Computer Science	10.22436/jmcs.034.04.04	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85191184257&doi=10.22436%2Fjmcs.034.04.04&partnerID=40&md5=256eaaca81514129a9b0a5d661f74d4a	International Scientific Research Publications
317	Singh, J.; Pal, S.; Sarkar, B.; Selvi, H.; Adhikari, S.; Madhumathi, K.; Akila, D.	Analyze and Compare the Public Cloud Provider Pricing Model and the Impact on Corporate Financial	2024	Lecture Notes in Networks and Systems	10.1007/978-981-99-9562-2_41	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189538865&doi=10.1007%2F978-981-99-9562-2_41&partnerID=40&md5=c567a5a7f30049ed5d79fd077f89f9f7	Springer Science and Business Media Deutschland GmbH
318	Rana, A.; Sarkar, B.; Parida, R.K.; Adhikari, S.; Anandha Lakshmi, R.; Akila, D.; Pal, S.	A Data-Driven Analytical Approach on Digital Adoption and Digital Policy for Pharmaceutical Industry in India	2024	Lecture Notes in Networks and Systems	10.1007/978-981-99-9562-2_42	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85189522164&doi=10.1007%2F978-981-99-9562-2_42&partnerID=40&md5=ae9f3a863fc3f05768f24953ba2410b2	Springer Science and Business Media Deutschland GmbH



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319	Ahmad, I.; Sharma, S.; Singh, R.; Gehlot, A.; Gupta, L.R.; Thakur, A. K.; Priyadarshi, N.; Twala, B.	Inclusive learning using industry 4.0 technologies: addressing student diversity in modern education	2024	Cogent Education	10.1080/2331186X.2024.2330235	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85188456756&doi=10.1080%2F2331186X.2024.2330235&partnerID=40&md5=2412806fb54a60e102c10ae21b9e1c43	Taylor and Francis Ltd.
320	Chakrabarty, M.; Sarkar, D.	Optimal Energy Restoration in Radial Distribution: A Network Reconfiguration Approach by Kruskal's Minimal Spanning Tree Algorithm	2024	Lecture Notes in Networks and Systems	10.1007/978-981-99-8451-0_51	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187686200&doi=10.1007%2F978-981-99-8451-0_51&partnerID=40&md5=6f6215ab21ead750247bf29f56bf8300	Springer Science and Business Media Deutschland GmbH
321	Saha, N.; Namtirtha, A.; Dutta, A.	Crossbred Method: A New Method for Identifying Influential Spreaders from Directed Networks	2024	Studies in Computational Intelligence	10.1007/978-3-031-53503-1_32	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187645755&doi=10.1007%2F978-3-031-53503-1_32&partnerID=40&md5=767c8fb2c8e27acc2a5b0f3cbb08ad58	Springer Science and Business Media Deutschland GmbH
322	Vijayakumar, M.; Tamilvanan, S.K.; Sudha, B.; Santra, S.S.; Baleanu, D.	Superlinear distributed deviating arguments to study second-order neutral differential equations	2024	Journal of Mathematics and Computer Science	10.22436/jmcs.033.03.01	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187184562&doi=10.22436%2Fjmcs.033.03.01&partnerID=40&md5=729321ee5c274d17782203cc6d28aff7	International Scientific Research Publications



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
323	Gunasekar, T; Raghavendran, P; Santra, S.S.; Sajid, M.	Analyzing existence, uniqueness, and stability of neutral fractional Volterra-Fredholm integro-differential equations	2024	Journal of Mathematics and Computer Science	10.22436/jmcs.033.04.06	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187131555&doi=10.22436%2Fjmcs.033.04.06&partnerID=40&md5=78cbcc8aa42dba9baa1f8cbb8a9e62a2	International Scientific Research Publications
324	Gunasekar, T; Raghavendran, P; Santra, S.S.; Majumder, D.; Baleanu, D.; Balasundaram, H.	Application of Laplace transform to solve fractional integro-differential equations	2024	Journal of Mathematics and Computer Science	10.22436/jmcs.033.03.02	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186870556&doi=10.22436%2Fjmcs.033.03.02&partnerID=40&md5=4f2790e752fb98d3a729ecd9c5b6b02c	International Scientific Research Publications
325	Bhattacharjee, S.; Das, K.; Sadhu, A.; Sarkar, S.; Sarkar, B.	Exploit Reversible Gates to Implement Fast Quantum Sorting Algorithm	2024	Lecture Notes in Networks and Systems	10.1007/978-981-99-9704-6_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186658374&doi=10.1007%2F978-981-99-9704-6_11&partnerID=40&md5=d7c9b5008feb0e2cda5948eb22381e8e	Springer Science and Business Media Deutschland GmbH
326	Saha, N.; Namtirtha, A.; Dutta, A.	CM-GCN: Crossbred Method based-Graph Convolution Networks for identifying influential spreaders from directed networks	2024		10.1109/COMSNETS59351.2024.10427097	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186654093&doi=10.1109%2FCOMSNETS59351.2024.10427097&partnerID=40&md5=32ace89059ac4b72ec11009ea90976fc	Institute of Electrical and Electronics Engineers Inc.



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327	Sangeetha, S.; Tamilvanan, S.K.; Santra, S.S.; Noeiaghdam, S.; Abdollahzadeh, M.	Property \bar{A} of third-order noncanonical functional differential equations with positive and negative terms (AIMS Mathematics, 2023, 8(6): 14167–14179. DOI: 10.3934/math.2023724)	2024	AIMS Mathematics	10.3934/math.2024427	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186450145&doi=10.3934%2Fmath.2024427&partnerID=40&md5=8a9bbc730d46d41fa2a74643af3d1da	American Institute of Mathematical Sciences
328	Saha, S.; DasGupta, S.; Majumder, A.B.; Sarkar, S.; Ghorai, S.; Roy, S.; Sarkar, N.; Islam, R.	Deep Learning-Based Approach for Plant Disease Classification	2024	Lecture Notes in Networks and Systems	10.1007/978-981-99-7817-5_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85184285422&doi=10.1007%2F978-981-99-7817-5_18&partnerID=40&md5=8152780d54c2b84dd8a8d08e42999c3a	Springer Science and Business Media Deutschland GmbH
329	Rana, N.; Kumar, R.; Sarkar, A.	Role of fear factor in controlling chaos of a plankton–fish system with prey refuge and an additional food	2024	European Physical Journal Plus	10.1140/epjp/s13360-024-04888-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183844516&doi=10.1140%2Fepjp%2Fs13360-024-04888-8&partnerID=40&md5=2afe596c4d6268ec1b665f95409b2e2b	Springer Science and Business Media Deutschland GmbH



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330	Houas, M.; Samei, M.E.; Sundar Santra, S.; Alzabut, J.	On a Duffing-type oscillator differential equation on the transition to chaos with fractional q-derivatives	2024	Journal of Inequalities and Applications	10.1186/s13660-024-03093-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85183040371&doi=10.1186%2Fs13660-024-03093-6&partnerID=40&md5=f5b76e71be1cc123a6a80661fa83439c	Institute for Ionics
331	Nazmul, S.; Mondal, B.; Sarkar, A.; Santra, S.S.; Baleanu, D.; Altanji, M.	Chaos emergence and dissipation in a three-species food web model with intraguild predation and cooperative hunting	2024	AIMS Mathematics	10.3934/math.2024051	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178959656&doi=10.3934%2Fmath.2024051&partnerID=40&md5=eaf94fa8d9ced40b80df8fff83cc644c	American Institute of Mathematical Sciences
332	Mazarbhuiya, H.M.S.; Sengupta, A.R.; Biswas, A.; Sharma, K.K.	Wind tunnel investigation of blade pitch effect for performance improvement of an asymmetric bladed H-Darrieus VAWT under low wind speed condition	2024	International Journal of Ambient Energy	10.1080/01430750.2023.2277300	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177676719&doi=10.1080%2F01430750.2023.2277300&partnerID=40&md5=c9e08c67be99f860e935486439858fbd	Taylor and Francis Ltd.
333	Biswas, A.; Biswas, S.; Haldar, S.; Nandi, A.	A highly decoupled flexible 4-element MIMO antenna with band notched characteristics for ultra wide-band wearable applications	2024	AEU - International Journal of Electronics and Communications	10.1016/j.aeue.2023.154985	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175638173&doi=10.1016%2Fj.aeue.2023.154985&partnerID=40&md5=60f6167ca3fb0f9b831ab8fac0f0434f	Elsevier GmbH



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334	Meganathan, M.; Santra, S.S.; Leo Amalraj, L.A.; Baleanu, D.	Numerical analysis of fractional order discrete Bloch equations	2024	Journal of Mathematics and Computer Science	10.22436/jmcs. 032.03.03	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175320603&doi=10.22436%2Fjmcs.032.03.03&partnerID=40&md5=5b0e2465780e5fd1375a91bee1a81	International Scientific Research Publications
335	Raghavendran, P.; Gunasekar, T.; Balasundaram, H.; Santra, S.S.; Majumder, D.; Baleanu, D.	Solving fractional integro-differential equations by Aboodh transform	2024	Journal of Mathematics and Computer Science	10.22436/jmcs. 032.03.04	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85175247066&doi=10.22436%2Fjmcs.032.03.04&partnerID=40&md5=a33960f8275d88a17bb66ab9d0c516bf	International Scientific Research Publications
336	Dhara, S.; Das, S.; Shrivastav, A.K.	Performance evaluation and downstream system planning based energy management in LTE systems	2024	Multimedia Tools and Applications	10.1007 /s11042-023- 15404-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158983012&doi=10.1007%2Fs11042-023-15404-y&partnerID=40&md5=bbf3a2431bdee84107861878acb82a5f	Springer
337	Mitra, U.; Rehman, S.	Leveraging AI and Machine Learning for Next-Generation Clinical Decision Support Systems (CDSS)	2024		10.4018/979-8- 3693-7277-7. ch003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105010993189&doi=10.4018%2F979-8-3693-7277-7.ch003&partnerID=40&md5=105ff9ae396a331f2e6f7dd5068800a8	IGI Global



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338	Saha, T.; Saha, S.; DasGupta, S.; Guha, M.; Roy, P.; Majumdar, M.; Sarkar, S.; Barua, S.	Speech Recognition and Emotion Detection using Machine Learning approaches on Ravdess Dataset	2024		10.1109/DABCon63472.2024.10919305	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001872908&doi=10.1109%2FDABCon63472.2024.10919305&partnerID=40&md5=d37b39207340cf5cb89b05be6844447b	Institute of Electrical and Electronics Engineers Inc.
339	Misra, B.; Chakraborty, S.; Dey, N.	IoMT Applications in Healthcare 5.0	2024		10.1016/C2023-0-52655-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001756793&doi=10.1016%2FC2023-0-52655-2&partnerID=40&md5=2305838e90ca5b872679db0552e92ed1	Elsevier
340	Saha, N.; Namtirtha, A.; Dutta, A.	Hide Mastermind using an Intermediate Connection on Social Network	2024	Proceedings of the IEEE International Conference on High Performance Computing, Data, and Analytics Workshops, HiPCW	10.1109/HiPCW63042.2024.00027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105001551333&doi=10.1109%2FHiPCW63042.2024.00027&partnerID=40&md5=d4934b94c18b28f078a4ba0791af8b75	Institute of Electrical and Electronics Engineers Inc.



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341	Debnath, A.; Pal, S.; Mitra, M.; Sarkar, M.; Chakraborty, P.; Ghosh, S.; Biswas, P.	Dry Sliding Tribological Behavior of EN8 Steel	2023	AIP Conference Proceedings	10.1063/5.0179349	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180562065&doi=10.1063%2F5.0179349&partnerID=40&md5=a08586736353013e8c2301c70158bfc3	American Institute of Physics Inc.
342	Majumder, A.B.; Gupta, S.; Singh, D.; Acharya, B.; Gerogiannis, V.C.; Kanavos, A.; Pintelas, P.	Heart Disease Prediction Using Concatenated Hybrid Ensemble Classifiers	2023	Algorithms	10.3390/a16120538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180472680&doi=10.3390%2Fa16120538&partnerID=40&md5=705ec182e4de1fb824f4484bfd271b0a	Multidisciplinary Digital Publishing Institute (MDPI)
343	Mondal, B.; Sarkar, A.; Santra, S.S.; Majumder, D.; Muhammad, T.	Sensitivity of parameters and the impact of white noise on a generalist predator-prey model with hunting cooperation	2023	European Physical Journal Plus	10.1140/epjp/s13360-023-04710-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178489464&doi=10.1140%2Fepjp%2Fs13360-023-04710-x&partnerID=40&md5=f23c9d2349e76482a613f521b4ff1ab9	Springer Science and Business Media Deutschland GmbH
344	Mondal, B.; Sarkar, A.; Sk, N.	Treatment of infected predators under the influence of fear-induced refuge	2023	Scientific Reports	10.1038/s41598-023-43021-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173773728&doi=10.1038%2Fs41598-023-43021-0&partnerID=40&md5=94a51b17e2b83e6ce6b00b13de8e16e7	Nature Research



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345	Chanda, P.R.; Podder, B.; Biswas, A.; Sengupta, A.R.	Advancements in solar assisted drying technologies: A comprehensive review post 2017	2023	Journal of Stored Products Research	10.1016/j.jspr.2023.102190	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173338574&doi=10.1016%2Fj.jspr.2023.102190&partnerID=40&md5=f1963ffbab3706fa27fd121cb7b483f6	Elsevier Ltd
346	Barman, A.; Kotal, A.; Das, M.	Synthesis of metal based nano particles from Moringa Olifera and its biomedical applications: A review	2023	Inorganic Chemistry Communications	10.1016/j.inoche.2023.111438	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173280016&doi=10.1016%2Fj.inoche.2023.111438&partnerID=40&md5=b484c5c49de40515ed15f3f7cf d9924f	Elsevier B.V.
347	Mandal, D.; Chattopadhyay, H.; Halder, K.	Development of Silica-Collagen Hybrid as Corneal Substitute Through Sol-Gel route	2023	BioNanoScience	10.1007/s12668-023-01146-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162687211&doi=10.1007%2Fs12668-023-01146-6&partnerID=40&md5=a3538c7bd5ef09bea39b9f2e ec67ff3d	Springer
348	Das, P.; Gupta, S.; Neogi, B.	Music therapy for hearing impaired: Measuring impact of vibration on deaf and dumb using digital signal processing and machine intelligence	2023	AIP Conference Proceedings	10.1063/5.0171157	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179805077&doi=10.1063%2F5.0171157&partnerID=40&md5=511d61aac0f43a00e0b63a3b5d794eb6	American Institute of Physics Inc.



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350	Sarkar, B.; Biswas, A.; Kushawaha, H.; Sakshee; Mourya, B.; De, T.; Kumar, P.; Biswas, A.; Alam, M.M.; Sudha, C.	Application of block chain to battle against COVID 19	2023	AIP Conference Proceedings	10.1063/5.0171259	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179782780&doi=10.1063%2F5.0171259&partnerID=40&md5=6581eaa68b3f7109f5c639f9897aaaae	American Institute of Physics Inc.
351	Majumder, A.B.; Gupta, S.; Singh, D.; Majumder, S.	A COVID-19 prediction model using naïve bayes with and without bagging under the framework of machine learning	2023	AIP Conference Proceedings	10.1063/5.0171279	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179777993&doi=10.1063%2F5.0171279&partnerID=40&md5=3ce8a7c8b553aaa59ad9d3f2bda2c65e	American Institute of Physics Inc.
352	Pattnayak, J.; Jayakrishnan, B.; Tyagi, A.K.	Introduction to architecture and technological advancements of education 4.0 in the 21st century	2023		10.4018/9781668492857.ch005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181380614&doi=10.4018%2F9781668492857.ch005&partnerID=40&md5=8de4774e91f35fb1d7f06a54e64cd969	IGI Global



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354	Saha, S.S.; Pal, B.	Power converters for efficient control and the utilization of solar photovoltaic energy	2023			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179399077&partnerID=40&md5=5be1428122f59abc8dc8f5122338a1dd	Nova Science Publishers, Inc.
355	Mondal, B.; Sarkar, A.; Sk, N.; Santra, S.S.; Muhammad, T.	Exploring resilience, chaos, and bifurcations in a discrete food web model incorporating the mate finding Allee effect	2023	European Physical Journal Plus	10.1140/epjp/s13360-023-04651-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176613188&doi=10.1140%2Fepjp%2Fs13360-023-04651-5&partnerID=40&md5=287b4d8ec6740e464591a7b3fdced685	Springer Science and Business Media Deutschland GmbH
356	Divyanjali; Thakur, G.; Priyanka; Singh, R.; Gehlot, A.; Twala, B.; Priyadarshi, N.; Akram, S.V.	Assessment of environmental degradation of lakes of Nainital district: an ecohydrological perspective	2023	SN Applied Sciences	10.1007/s42452-023-05491-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172293246&doi=10.1007%2Fs42452-023-05491-9&partnerID=40&md5=53d848f47cc14866340fee8f7bba6eab	Springer Nature



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362	Dey, N.; Chattopadhyay, S.; Dutta, S.P.; Mukhopadhyay, K.; Rakshit, P.; Cuong, T.Q.; Pal, S.; ETTYEM, S.A.	User Feedback Based Sentiment Analysis System Using Machine Learning for a Restaurant	2023	AIP Conference Proceedings	10.1063/5. 0156994	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176793108&doi=10.1063%2F5.0156994&partnerID=40&md5=d8bb43164265dec8fb22ebd75cd7d46e	American Institute of Physics Inc.
363	Ghosh, S.; Chatterjee, I.; Ghosh, K.; Hore, S.; Ranjan, R.; Debnath, S.	Optimization of Heat Sink Geometry for Cooling of Microchips	2023	AIP Conference Proceedings	10.1063/5. 0144156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176770429&doi=10.1063%2F5.0144156&partnerID=40&md5=177f1643de7fefe68883265475e7c73c	American Institute of Physics Inc.
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366	Halder, M.K.; Singh, D.; Mishra, M.; Nath, I.	Analysis on datasets using soft computing techniques	2023	AIP Conference Proceedings	10.1063/5.0168019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176812668&doi=10.1063%2F5.0168019&partnerID=40&md5=5fa939d843752333c884e13f1a545b6f	American Institute of Physics Inc.
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368	Kumar, N.S.; Priyadarshi, N.; Kumar, N.	Performance analysis of decision based unsymmetrical trimmed median filter for removal of high-density salt and pepper noise	2023	AIP Conference Proceedings	10.1063/5.0152912	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176789583&doi=10.1063%2F5.0152912&partnerID=40&md5=6528be33f0e5eb1ee3d5095c1ca88fd0	American Institute of Physics Inc.



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374	Mahariya, S.K.; Kumar, A.; Singh, R.; Gehlot, A.; Akram, S.V.; Twala, B.; Ismail Iqbal, M.I.; Priyadarshi, N.	Smart Campus 4.0: Digitalization of University Campus with Assimilation of Industry 4.0 for Innovation and Sustainability	2023	Journal of Advanced Research in Applied Sciences and Engineering Technology	10.37934/ARASET.32.1.120138	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85172483993&doi=10.37934%2FARASET.32.1.120138&partnerID=40&md5=c3cc01170b2d0c0ac4f7976b4dc26c36	Penerbit Akademia Baru
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378	Nath, I.; Shaw, A.; Bhadra, A.; Bhowmick, D.D.; Ghosh, S.; Chatterjee, S.	A Novel Personal Fitness Trainer and Tracker powered by Artificial Intelligence enabled by MEDIAPIPE and OpenCV	2023	International Journal of Intelligent Systems and Applications in Engineering		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174825146&partnerID=40&md5=29608585bf776682e40dd7ef7d8d9fe4	Ismail Saritas
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392	Kumar, N.; Upadhyay, S.; Chetana, S.; Joshi, N. C.; Priyadarshi, N.; Hossain, I.; Rameshbabu; Sen, A.	Hydrothermal growth of 1D VO ₂ for oxygen evolution reaction	2023	Materials Letters	10.1016/j.matlet.2022.133810	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145781181&doi=10.1016%2Fj.matlet.2022.133810&partnerID=40&md5=b84f8c0d1ff2f78485967373f58248f8	Elsevier B.V.
393	Mandal, D.; Chattopadhyay, H.; Halder, K.	Constitutive modeling of human cornea through fractional calculus approach	2023	Physics of Fluids	10.1063/5.0138730	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150341007&doi=10.1063%2F5.0138730&partnerID=40&md5=fc08fe91e83c9ce775f4bd6faadfb866	American Institute of Physics Inc.
394	Baidya, N.; Mazumdar, S.; Mridha, N.K.; Chattopadhyay, A.P.; Khan, A.A.; Dutta, T.; Mandal, M.; Chowdhury, S.K.; Reza, R.; Ghosh, N.	Comparative study of the efficiency of silicon carbide, boron nitride and carbon nanotube to deliver cancerous drug, azacitidine: A DFT study	2023	Computers in Biology and Medicine	10.1016/j.compbiomed.2023.106593	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147190018&doi=10.1016%2Fj.compbiomed.2023.106593&partnerID=40&md5=a015de17c8c2893018a6dc38bc4ec113	Elsevier Ltd
395	Alzabut, J.; Grace, S.R.; Santra, S.S.; Chhatrria, G.N.	Asymptotic and Oscillatory Behaviour of Third Order Non-linear Differential Equations with Canonical Operator and Mixed Neutral Terms	2023	Qualitative Theory of Dynamical Systems	10.1007/s12346-022-00715-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144249987&doi=10.1007%2Fs12346-022-00715-6&partnerID=40&md5=270f2d8c1f5f278cd4047a3b4b132f9f	Birkhauser



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396	Dhibar, K.; Maji, P.; Prasad, S.; Pal, M.	Sustainable development using digital twin technology with image processing	2023		10.4018/978-1-6684-6821-0.ch020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151840965&doi=10.4018%2F978-1-6684-6821-0.ch020&partnerID=40&md5=b4a784f180ede64516463917a9c8bc2d	IGI Global
397	Patra, A.; Saha, A.; Bhattacharya, K.	Efficient Storage and Encryption of 32-Slice CT Scan Images Using Phase Grating	2023	Arabian Journal for Science and Engineering	10.1007/s13369-022-06986-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132827935&doi=10.1007%2Fs13369-022-06986-0&partnerID=40&md5=e79cd4381976b0a67450aeff8c486865	Institute for Ionics
398	Ansari, M.K.; Jha, R.; Barik, R.; Kumari, K.; Singh, M.	Drowsy Driving Detection System using Image Processing Techniques	2023		10.1109/ICSC60394.2023.10441490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85187215630&doi=10.1109%2FICSC60394.2023.10441490&partnerID=40&md5=cd7a90937bcbee8a281e42b8e8108f35	Institute of Electrical and Electronics Engineers Inc.



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399	Pattanayak, S.S.; Biswas, A.; Banerjee, U.; Sahoo, S.	Design of a Tri-Band Patch Antenna with Metamaterial Aperture Ground	2023		10.1109/NEleX59773.2023.10421002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186523909&doi=10.1109%2FNEleX59773.2023.10421002&partnerID=40&md5=e5ffa21b46f0093c65ecbd796e61a7ff	Institute of Electrical and Electronics Engineers Inc.
400	Patra, A.; Roy, S.; Saha, A.; Sarkar, S.	Data Protection Using Optical System and Steganography Tool	2023		10.1109/NEleX59773.2023.10421449	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85186522631&doi=10.1109%2FNEleX59773.2023.10421449&partnerID=40&md5=f0c9f76db4422bc987d079ff07cf6173	Institute of Electrical and Electronics Engineers Inc.
401	Azam, F.; Gloire, M.W. L.; Priyadarshi, N.; Kumari, S.	Text Classification into Emotional States Using Deep Learning based BERT Technique	2023		10.1109/GCAT59970.2023.10353414	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182567110&doi=10.1109%2FGCAT59970.2023.10353414&partnerID=40&md5=488adb09a15fcc379df81a87544aeef4	Institute of Electrical and Electronics Engineers Inc.



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402	Sadhu, S.; Namtirtha, A.; Curado Malta, M.C.; Dutta, A.	STC+K: A Semi-Global Triangular and Degree Centrality Method to Identify Influential Spreaders in Complex Networks	2023		10.1109/WI-IAT59888.2023.00107	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85182526605&doi=10.1109%2FWI-IAT59888.2023.00107&partnerID=40&md5=2471fdd9d66a877d19d87c8549bcf7d6	Institute of Electrical and Electronics Engineers Inc.
403	Sarkar, S.; Saha, S.; DasGupta, S.; Nath, S.	Diabetes Syndrome Prophecy Using Machine Learning	2023	Lecture Notes in Networks and Systems	10.1007/978-981-99-7783-3_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85181980718&doi=10.1007%2F978-981-99-7783-3_5&partnerID=40&md5=ac46a226c90de51c6d5deac75c3b1303	Springer Science and Business Media Deutschland GmbH
404	Gayen, P.K.; Dhara, P. K.; Das, S.; Shrivastav, A.K.	ADAPTIVE SHOOT-THROUGH DUTY RATIO CONTROL METHODOLOGY OF STAND-ALONE QUASI Z-SOURCE INVERTER	2023	Engineering Review	10.30765/er.2251	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180466151&doi=10.30765%2Fer.2251&partnerID=40&md5=7f438eb5c073c258dbdefdbffb118fc5	University of Rijeka
405	Mitra, S.; Majumder, A. B.; Saha, T.	An Observation and Analysis the role of Convolutional Neural Network towards Lung Cancer Prediction	2023	Baghdad Science Journal	10.21123/bsj.2023.9029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180352861&doi=10.21123%2Fbsj.2023.9029&partnerID=40&md5=319516151794454a4047999653694ee7	University of Baghdad



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406	Masood, F.; Moaaz, O.; Santra, S.S.; Fernandez-Gamiz, U.; El-Metwally, H.	On the monotonic properties and oscillatory behavior of solutions of neutral differential equations	2023	Demonstratio Mathematica	10.1515/dema-2023-0123	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85180342974&doi=10.1515%2Fdema-2023-0123&partnerID=40&md5=e22e572945cd6ed735af4a51de59ebbb	Walter de Gruyter GmbH
407	Bhardwaj, A.; Pattnayak, J.; Prasad Gangodkar, D.; Rana, A.; Shilpa, N.; Tiwari, P.	An Integration of Wireless Communications and Artificial Intelligence for Autonomous Vehicles for the Successful Communication to Achieve the Destination	2023		10.1109/ICACITE57410.2023.10182607	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85178282571&doi=10.1109%2FICACITE57410.2023.10182607&partnerID=40&md5=91d0b79d81883797db6bd2759bc7a71b	Institute of Electrical and Electronics Engineers Inc.
408	Das, A.; Namtirtha, A.; Dutta, A.	Membership Adjusted Superpixel Based Fuzzy C-Means for White Blood Cell Segmentation	2023	Lecture Notes in Computer Science	10.1007/978-3-031-45170-6_63	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85177880973&doi=10.1007%2F978-3-031-45170-6_63&partnerID=40&md5=a644f7c03b78786348ab784461b59045	Springer Science and Business Media Deutschland GmbH
409	Biswas, A.; Roy, K.; Kumar, V.; Neogi, B.; Chakraborty, U.	Wearable MIMO Antenna with High Port Isolation for e-Health Monitoring Applications	2023		10.1201/9781003459880-10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85176323707&doi=10.1201%2F9781003459880-10&partnerID=40&md5=aca57695cf04f132fb7f4834cc2284f8	CRC Press



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410	Saha, S.; DasGupta, S.	Efficacy of Flipped Learning in Engineering Education of India	2023	Lecture Notes in Computer Science	10.1007/978-3-031-42823-4_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174450751&doi=10.1007%2F978-3-031-42823-4_15&partnerID=40&md5=efb7bbf8828d788c5bc100d1ac5be247	Springer Science and Business Media Deutschland GmbH
411	Choudhury, A.; DasGupta, S.; Chaki, R.	An Approach Toward Congestion Management for Improved Emergency Vehicle Management in Intelligent Urban Traffic Network	2023	Lecture Notes in Computer Science	10.1007/978-3-031-42823-4_26	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174444253&doi=10.1007%2F978-3-031-42823-4_26&partnerID=40&md5=8724dff8e36c9e8e8382f0412e2628ac	Springer Science and Business Media Deutschland GmbH
412	Satwik, P.; Das, P.; Biswas, A.; Nandi, A.	Performance Analysis of Automatic Modulation Classification Method for Different Modulation Techniques Using CNN Algorithm	2023	Smart Innovation, Systems and Technologies	10.1007/978-981-99-4717-1_46	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174435630&doi=10.1007%2F978-981-99-4717-1_46&partnerID=40&md5=5a8c0e5b247b90275f298431203484b2	Springer Science and Business Media Deutschland GmbH



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413	Bag, S.; Ganguly, K.	Mitigation of Fire Hazards in Hospital	2023		10.1007/978-981-19-6692-7_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85173330521&doi=10.1007%2F978-981-19-6692-7_12&partnerID=40&md5=a31e2f5c7c5b30effc8be8344eebadbf	Springer Nature
414	Das, S.; Sanyal, M.K.; Majumdar, D.; Sanyal, M.	Artificial Intelligence for Rural Healthcare Management: Prognosis, Diagnosis, and Treatment	2023	Studies in Big Data	10.1007/978-981-99-4677-8_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85171992750&doi=10.1007%2F978-981-99-4677-8_1&partnerID=40&md5=b5fa2a80dc964fba6df6a996b3587c5f	Springer Science and Business Media Deutschland GmbH
415	Priyadarshi, N.; Mahajan, M.S.; Almakles, D.; Selvam, S.	Sliding-Mode Controller Employed Hybrid PV-Wind-Battery Microgrid	2023		10.1109/KPEC58008.2023.10215442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85170637394&doi=10.1109%2FKPEC58008.2023.10215442&partnerID=40&md5=72793d5ad4f351f0e963b449c03516cd	Institute of Electrical and Electronics Engineers Inc.



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416	Rakshit, P.; Halim, S.; Nath, R.; Saha, A.; Dey, A.; Burman, S.	Foetal Distress Prediction Using Machine Learning with Cardiotocographic Data	2023	Lecture Notes in Electrical Engineering	10.1007/978-981-99-1983-3_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169056195&doi=10.1007%2F978-981-99-1983-3_33&partnerID=40&md5=7f0ed8a54875bbea575c272e2c545695	Springer Science and Business Media Deutschland GmbH
417	Rakshit, P.; Dutta, B.; Karn, A.K.; Anand, A.; Alam, M.S.; Nidhi, M.	Diabetic Foot Ulcer Classification Using Deep Learning	2023	Lecture Notes in Electrical Engineering	10.1007/978-981-99-1983-3_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169013743&doi=10.1007%2F978-981-99-1983-3_35&partnerID=40&md5=655f8407a95fa11d4ce052109d8a28fe	Springer Science and Business Media Deutschland GmbH
418	Mitra, D.; Rakshit, P.; Shaw, T.; Mandal, S.; Ghosh, S.; Guha, S.	Image Caption Generator Through Deep Learning	2023	Lecture Notes in Electrical Engineering	10.1007/978-981-99-1983-3_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169009150&doi=10.1007%2F978-981-99-1983-3_37&partnerID=40&md5=4c2728262eb2081a20ab375aa2177bf4	Springer Science and Business Media Deutschland GmbH



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419	Ray, R.; Chakraborty, S.	Categorization and Prediction of Rainfall by Machine Learning Algorithms Over Indian Landmass	2023	Lecture Notes in Electrical Engineering	10.1007/978-981-99-1983-3_34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85169007778&doi=10.1007%2F978-981-99-1983-3_34&partnerID=40&md5=b71eea2aa34586ece33326106caf059e	Springer Science and Business Media Deutschland GmbH
420	Mitra, D.; Rakshit, P.; Mazumder, S.; Dutta, A.; Manna, S.; Das, S.; Banik, S.	Sign Language Recognition with Machine Learning	2023	Lecture Notes in Electrical Engineering	10.1007/978-981-99-1983-3_29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85168993917&doi=10.1007%2F978-981-99-1983-3_29&partnerID=40&md5=38b01772866fbb5c13003013fbe06402	Springer Science and Business Media Deutschland GmbH
421	Saha, S.; DasGupta, S.; Anam, A.; Saha, R.; Nath, S.; Dutta, S.	An Investigation of Suicidal Ideation from Social Media Using Machine Learning Approach	2023	Baghdad Science Journal	10.21123/bsj.2023.8515	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85167398630&doi=10.21123%2Fbsj.2023.8515&partnerID=40&md5=fec8a9613e2a1414c2e4858f5cde3867	University of Baghdad
422	Ghosh, B.; Sahu, S.; Majumder, D.; BISWAS, A.	A unified fuzzy system for evaluating work related postural risk score of discomfort prone body parts of workers through rapid upper limb assessment	2023	International Journal of Risk Assessment and Management	10.1504/IJRAM.2023.132305	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166422454&doi=10.1504%2FIJRAM.2023.132305&partnerID=40&md5=fe8786364375327c7e2cf5eec43b5146	Inderscience Publishers



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423	Mondal, P.; Khan, A.A.; Dutta, T.; Baildya, N.; Mandal, V.; Ghosh, N.; Choudhury, S.	Nanosilver in the food sector: Prospects and challenges	2023		10.1016/B978-0-323-91783-4.00004-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85166087881&doi=10.1016%2FB978-0-323-91783-4.00004-8&partnerID=40&md5=0dc02c370b124982f631569c23868b37	Elsevier
424	Santra, S.S.; Mondal, P.; Samei, M.E.; Alotaibi, H.; Altanji, M.; Botmart, T.	Study on the oscillation of solution to second-order impulsive systems	2023	AIMS Mathematics	10.3934/math.20231134	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165455577&doi=10.3934%2Fmath.20231134&partnerID=40&md5=ce2d97950876f26d20e997769c397acf	American Institute of Mathematical Sciences
425	Priyadarshi, N.; Mahajan, M.S.; Almakles, D.	Realization of PV Power Structure with PSO Tuned Fuzzy Logic Control	2023		10.1109/GlobConET56651.2023.10150010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164268782&doi=10.1109%2FGlobConET56651.2023.10150010&partnerID=40&md5=47a602ad6617d9ce17754a4a31c07861	Institute of Electrical and Electronics Engineers Inc.



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427	Priyadarshi, N.; Mahajan, M.S.; Almakhles, D.	Single Stage Explicit Double Diode Modelled PV Module Powered Linear Induction Motor Driven Water Pump System	2023		10.1109 /GlobConET566 51. 2023.10150066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85164253631&doi=10.1109%2FGlobConET56651.2023.10150066&partnerID=40&md5=8d991d0855931c64a90a3c575deb9e60	Institute of Electrical and Electronics Engineers Inc.
428	Som, S.; Gayen, P.K.; Das, S.	Improved Preprocessing Strategy under Different Obscure Weather Conditions for Augmenting Automatic License Plate Recognition	2023	Proceedings of Engineering and Technology Innovation	10.46604/peti. 2023.10594	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85163950765&doi=10.46604%2Fpeti.2023.10594&partnerID=40&md5=ff3e27aa8a0e247df4f9aee891c5382e	Taiwan Association of Engineering and Technology Innovation



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430	Santra, S.S.	Necessary and sufficient conditions for oscillation of second-order differential equation with several delays	2023	Studia Universitatis Babes-Bolyai Mathematica	10.24193/subbmath.2023.2.08	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162934402&doi=10.24193%2Fsubbmath.2023.2.08&partnerID=40&md5=28e8e79ba0116f69ec5bb6840c4fff7e	Babes-Bolyai University
431	Roy, D.D.; Ghosal, A.; Abhilasha; Singh, N.; Sinha, N.; Saha, S.	Investigation of Quantum Ballistic Transport in Single Strand DNA with Silicon Carbide Nanotube: A High performance Embedded System	2023		10.1109/DevIC57758.2023.10134936	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85162099675&doi=10.1109%2FDevIC57758.2023.10134936&partnerID=40&md5=3dc592abf0d62089c752577817467576	Institute of Electrical and Electronics Engineers Inc.



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433	Patra, A.; Sohel Ahmed, S.K.; Sarkar, S.	Segmentation of Used Biodegradable and Non-biodegradable Products of Covid 19 Patients Using Thermal Image Processing	2023	Progress in Optical Science and Photonics	10.1007/978-981-99-0228-6_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161436009&doi=10.1007%2F978-981-99-0228-6_11&partnerID=40&md5=7098ee4200fb110706e96321699a933f	Springer
434	Bhattacharjee, S.; Barman, A.; Dutta, T.	Some Aspects of Novel Materials from Optical to THz Engineering	2023	Progress in Optical Science and Photonics	10.1007/978-981-99-0228-6_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161399553&doi=10.1007%2F978-981-99-0228-6_5&partnerID=40&md5=9e73437929066422c3c434d662a3e8ac	Springer



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435	Patra, A.; Chakraborty, D.; Ahamed, S.K.S.; Ghosh, S.; Kamilya, S.	Error Detection and Correction of High-Resolution Remote Sensing Images Using Cyclic Code	2023	Progress in Optical Science and Photonics	10.1007/978-981-99-0228-6_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85161381964&doi=10.1007%2F978-981-99-0228-6_10&partnerID=40&md5=621c2bd6c57cce7e2a54205522d30988	Springer
436	Kumar Mondal, M.; Mandal, R.; Banerjee, S.; Sanyal, M.; Ghosh, U.; Biswas, U.	Fog Assisted Tiger Alarming Framework for Saving Endangered Wild Life	2023	Conference Proceedings - IEEE SOUTHEASTCON	10.1109/SoutheastCon51012.2023.10115072	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159778135&doi=10.1109%2FSoutheastCon51012.2023.10115072&partnerID=40&md5=9b3f1be0abb07d9d64cb0a3dde86a24	Institute of Electrical and Electronics Engineers Inc.
437	Masood, F.; Moaaz, O.; Santra, S.S.; Fernandez-Gamiz, U.; El-Metwally, H.	Oscillation theorems for fourth-order quasi-linear delay differential equations	2023	AIMS Mathematics	10.3934/math.2023834	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159069603&doi=10.3934%2Fmath.2023834&partnerID=40&md5=1a0ca68d2c2f8a5bab2310c0c2a2dbd5	American Institute of Mathematical Sciences



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438	Yamunarani, T.; Prabu, R.; Sadesh, S.; Kumar, N.S.; Priyadarshi, N.; Subramaniam, S.; Kumar, N.	Smart Authentication using Human Ear	2023		10.1109/ /INOCON57975. 2023.10100984	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85158047963&doi=10.1109%2FINOCON57975.2023.10100984&partnerID=40&md5=db445c9ede7b706c01654b97be449a21	Institute of Electrical and Electronics Engineers Inc.
439	Mahendrakumar, S.; Kumar, N.S.; Chandrasekaran, G.; Vanchinathan, K.; Vanitha, K.; Priyadarshi, N.; Mahajan, M.S.; Kumar, N.	COVID-19 SOP Compliance and Monitoring Electronic System for Business and Public Places Using Arduino Uno	2023		10.1109/ /IITCEE57236. 2023.10090961	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85156170553&doi=10.1109%2FIITCEE57236.2023.10090961&partnerID=40&md5=82a5dfb11d7ebfee84a37c4cc27df75c	Institute of Electrical and Electronics Engineers Inc.
440	Singh, R.; Gehlot, A.; Kuchhal, P.; Choudhury, S.; Akram, S.V.; Priyadarshi, N.; Khan, B.	Internet of Things Enabled Intelligent Automation for Smart Home with the Integration of PSO Algorithm and PID Controller	2023	Journal of Electrical and Computer Engineering	10.1155/ /2023/9611321	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152799334&doi=10.1155%2F2023%2F9611321&partnerID=40&md5=16aa62a52c26126870bbe813f4935899	Hindawi Limited
441	Sangeetha, S.; Tamilvanan, S.K.; Santra, S.S.; Noeiaghdam, S.; Abdollahzadeh, M.	Property \bar{A} of third-order noncanonical functional differential equations with positive and negative terms	2023	AIMS Mathematics	10.3934/math. 2023724	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152435396&doi=10.3934%2Fmath.2023724&partnerID=40&md5=ab7cb21b98e82452bd0560056f01b603	American Institute of Mathematical Sciences



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442	Santra, S.S.; Priyadharshini, S.; Sadhasivam, V.; Kavitha, J.; Fernandez-Gamiz, U.; Noeiaghdam, S.; Khedher, K.M.	On the oscillation of certain class of conformable Emden-Fowler type elliptic partial differential equations	2023	AIMS Mathematics	10.3934/math.2023634	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151010451&doi=10.3934%2Fmath.2023634&partnerID=40&md5=fe0b6e4468e646a69ae80c7dff625fd9	American Institute of Mathematical Sciences
443	Bag, S.; Sikdar, S.	Effective Health Screening and Prompt Vaccination to Counter the Spread of COVID-19 and Minimize Its Adverse Effects	2023	Signals and Communication Technology	10.1007/978-3-031-19752-9_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85150483317&doi=10.1007%2F978-3-031-19752-9_14&partnerID=40&md5=b64ae505a66ae742d3fe941567d6973e	Springer Science and Business Media Deutschland GmbH
444	Kundu, B.; Samanta, S.; Ghosh, D.; Saha, K.; Ghosh, S.; Paul, T.	Optimisation of process parameters for Inconel 718 Spur gear	2023	Materials Today: Proceedings	10.1016/j.matpr.2023.01.281	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148959935&doi=10.1016%2Fj.matpr.2023.01.281&partnerID=40&md5=8e72f324a63cee0d5e04ce61126b478d	Elsevier Ltd
445	Sarkar, M.; Samanta, S.; Paul, T.	Influence of process parameters on material addition rate and hardness of 3D printer material	2023	Materials Today: Proceedings	10.1016/j.matpr.2023.02.125	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148349376&doi=10.1016%2Fj.matpr.2023.02.125&partnerID=40&md5=1741c14244f41046f17b398d8fedd4af	Elsevier Ltd



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446	Roy, A.; Biswas, A.; Nandi, A.; Basu, B.	Ultra-Wideband Flexible Wearable Antenna with Notch Characteristics for WLAN Applications	2023	Progress in Electromagnetic s Research C	10.2528 /PIERC22110506	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148216221&doi=10.2528%2FPIERC22110506&partnerID=40&md5=47829666c0f3c10ad8277c6f64a6f31d	Electromagnetic s Academy
447	Thota, R.; Biswas, A.; Das, B.; Sengupta, A.R.	Experimental investigation of solar evacuated tube collector with multi-walled carbon nanotube-water-based nanofluid	2023	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	10.1080 /15567036. 2023.2174620	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147933967&doi=10.1080%2F15567036.2023.2174620&partnerID=40&md5=c21a907ac7b6ddd327140339ac655c85	Taylor and Francis Ltd.
448	Chauhan, S.S.; Singh, R.; Gehlot, A.; Akram, S.V.; Twala, B.; Priyadarshi, N.	Digitalization of Supply Chain Management with Industry 4.0 Enabling Technologies: A Sustainable Perspective	2023	Processes	10.3390 /pr11010096	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146712151&doi=10.3390%2Fpr11010096&partnerID=40&md5=c43da2764d750ef8493e984ed0358954	Multidisciplinary Digital Publishing Institute (MDPI)
449	Saxena, A.; Singh, R.; Gehlot, A.; Akram, S.V.; Twala, B.; Singh, A.; Montero, E.C.; Priyadarshi, N.	Technologies Empowered Environmental, Social, and Governance (ESG): An Industry 4.0 Landscape	2023	Sustainability (Switzerland)	10.3390 /su15010309	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145903509&doi=10.3390%2Fsu15010309&partnerID=40&md5=0d5383c2cbfa5f39dfa44bdeb38dbe01	MDPI



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451	Saha, S.; Chaki, R.	QoS based congestion evasion clustering framework of wireless sensor networks	2023	Kuwait Journal of Science	10.48129/kjs.17331	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144876658&doi=10.48129%2Fkjs.17331&partnerID=40&md5=7c46ada673cbd9116a69fa845ad98fd2	University of Kuwait
452	Manna, S.; Kundu, A.; Dey, K.; Roy, S.; Bhuit, R.; Ghosh, S.	CFD simulation of circumferential crack in low pressure water pipelines	2023	Materials Today: Proceedings	10.1016/j.matpr.2022.11.132	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85143135292&doi=10.1016%2Fj.matpr.2022.11.132&partnerID=40&md5=7337899ffa1b35b66f906f4179e0ee7d	Elsevier Ltd
453	Rakshit, P.; Kumar, A.; Chakraborty, A.	A Survey on Video Description and Summarization Using Deep Learning-Based Methods	2023	Lecture Notes in Networks and Systems	10.1007/978-981-19-5090-2_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142724667&doi=10.1007%2F978-981-19-5090-2_21&partnerID=40&md5=ff6e1bea75220d63d7ecc9be93356613	Springer Science and Business Media Deutschland GmbH



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455	Rakshit, P.; Gupta, S.; Das, T.	Sentiment Analysis to Find Sentence Polarity on Tweet Data	2023	Lecture Notes in Networks and Systems	10.1007/978-981-19-5090-2_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142689284&doi=10.1007%2F978-981-19-5090-2_19&partnerID=40&md5=16fa6dd874419a30a887b804cedb81c4	Springer Science and Business Media Deutschland GmbH
456	Sinha, A.; Singh, A.; Shubham, P.; Raj, V.; Ramish, M.	IoT and Machine Learning for Traffic Monitoring, Headlight Automation, and Self-parking: Application of AI in Transportation	2023	Lecture Notes in Mechanical Engineering	10.1007/978-981-19-4606-6_56	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141791944&doi=10.1007%2F978-981-19-4606-6_56&partnerID=40&md5=d4f34e2ba091fd75d2eae5f004a1ec55	Springer Science and Business Media Deutschland GmbH



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458	Dutta, T.; Khan, A.A.; Baildya, N.; Mondal, P.; Ghosh, N.N.	Preparation of ZnO/Chitosan Nanocomposite and Its Applications to Durable Antibacterial, UV-Blocking, and Textile Properties	2023	Advanced Structured Materials	10.1007/978-3-031-13343-5_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138500449&doi=10.1007%2F978-3-031-13343-5_6&partnerID=40&md5=4d3941737e4cca0ff0d4eb67a92628a0	Springer Science and Business Media Deutschland GmbH
459	Mitra, D.; Rakshit, P.; Jha, A.; Dugar, D.; Iqbal, K.	Lung Disease Prediction Using Deep Learning	2023	Lecture Notes in Electrical Engineering	10.1007/978-981-19-2004-2_40	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138007467&doi=10.1007%2F978-981-19-2004-2_40&partnerID=40&md5=9d48c5df8a11a1a9dc79e79e7679f8fd	Springer Science and Business Media Deutschland GmbH



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462	De, P.; Nath, I.	Machine Learning Approaches on Intrusion Detection System: A Holistic Review	2023	Lecture Notes in Electrical Engineering	10.1007/978-981-19-2004-2_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137981064&doi=10.1007%2F978-981-19-2004-2_35&partnerID=40&md5=eef71657ffd325cc21a316e3d021f82f	Springer Science and Business Media Deutschland GmbH



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464	Jayapriya, M.; Ganesh, A.; Santra, S.S.; Edwan, R.; Baleanu, D.; Khedher, K.M.	Sawi transform and Hyers-Ulam stability of nth order linear differential equations	2023	Journal of Mathematics and Computer Science	10.22436/jmcs.028.04.07	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135141575&doi=10.22436%2Fjmcs.028.04.07&partnerID=40&md5=2372254b62eac11919c0283f0d7de55f	International Scientific Research Publications
465	Sultana, N.; Ghosh, U.; Biswas, R.K.; Banerjee, D.; Das, K.; Roy, I.; Hossain, S.E.	Study on Variation of Leaf Temperature at Different Stages of Growth of Brinjal Crops	2023	Lecture Notes in Civil Engineering	10.1007/978-981-19-1862-9_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134289196&doi=10.1007%2F978-981-19-1862-9_10&partnerID=40&md5=e15e2d9d02194cf1c53d047a808f6089	Springer Science and Business Media Deutschland GmbH
466	Thiyagarajan, P.; Sathyamoorthi, S.; Balasundaram, H.; Daniel Makinde, O.; Fernandez-Gamiz, U.; Noeiaghdam, S.; Santra, S.S.; Altanji, M.	Mass transfer effects on mucus fluid in the presence of chemical reaction	2023	Alexandria Engineering Journal	10.1016/j.aej.2022.06.030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133226200&doi=10.1016%2Fj.aej.2022.06.030&partnerID=40&md5=33f840a53e3b916dfcbebfd3cda2273b	Elsevier B.V.



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468	Ruggieri, M.; Santra, S. S.; Scapellato, A.	On nonlinear impulsive differential systems with canonical and non-canonical operators	2023	Applicable Analysis	10.1080/00036811.2021.1965586	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115251101&doi=10.1080%2F00036811.2021.1965586&partnerID=40&md5=a7d044b6214d5226e207edffd7cbdc4e	Taylor and Francis Ltd.
469	Tripathy, A.K.; Santra, S.S.	NECESSARY AND SUFFICIENT CONDITIONS FOR OSCILLATIONS TO A SECOND-ORDER NEUTRAL DIFFERENTIAL EQUATIONS WITH IMPULSES	2023	Kragujevac Journal of Mathematics	10.46793/KgJMat2301.081T	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105084637&doi=10.46793%2FKgJMat2301.081T&partnerID=40&md5=d99226c709cbe19847bed2269a32ce85	University of Kragujevac, Faculty of Science
470	Kaur, R.; Singh, R.; Gehlot, A.; Priyadarshi, N.; Twala, B.	Marketing Strategies 4.0: Recent Trends and Technologies in Marketing	2022	Sustainability (Switzerland)	10.3390/su142416356	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144841752&doi=10.3390%2Fsu142416356&partnerID=40&md5=1243c9d273edf8cf7a01c214ef772f6	MDPI



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471	Singh, R.; Singh, R.; Gehlot, A.; Akram, S.V.; Priyadarshi, N.; Twala, B.	Horticulture 4.0: Adoption of Industry 4.0 Technologies in Horticulture for Meeting Sustainable Farming	2022	Applied Sciences (Switzerland)	10.3390/app122412557	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85144829455&doi=10.3390%2Fapp122412557&partnerID=40&md5=7409f41b8ec0a4d6ec357adce7c611b9	MDPI
472	Dhara, S.; Sadhu, P.K.; Shrivastav, A.K.	Controlling of transient and harmonics using UPFC in an interconnected power grid	2022	Microsystem Technologies	10.1007/s00542-022-05374-w	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138084750&doi=10.1007%2Fs00542-022-05374-w&partnerID=40&md5=2fa8e3847be1f2d8aaae803c1d0713bc	Springer Science and Business Media Deutschland GmbH
473	Sarkar, A.; Singh, A.; Chakraborty, R.	A deep learning-based comparative study to track mental depression from EEG data	2022	Neuroscience Informatics	10.1016/j.neuri.2022.100039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126590679&doi=10.1016%2Fj.neuri.2022.100039&partnerID=40&md5=183fc33c5d2796ec0b99b6ca73bf64ca	Elsevier Masson s.r.l.
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476	Lamichaney, S.; Srivastwa, A.K.; Biswas, P.; Sarkar, S.; Subhra Sen, R.; Oraon, B.; Majumdar, G.	Parametric Optimization of Mass Deposition of Electroless Ni-W-P Coating Using Central Composite Design	2022	Advances in Transdisciplinary Engineering	10.3233/ATDE220810	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85145432853&doi=10.3233%2FATDE220810&partnerID=40&md5=7667300c761f87446301af8da164832b	IOS Press BV
477	Bhatt, H.; Bahuguna, R.; Singh, R.; Gehlot, A.; Akram, S.V.; Priyadarshi, N.; Twala, B.	Artificial Intelligence and Robotics Led Technological Tremors: A Seismic Shift towards Digitizing the Legal Ecosystem	2022	Applied Sciences (Switzerland)	10.3390/app122211687	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142508379&doi=10.3390%2Fapp122211687&partnerID=40&md5=d104c26c6723025ae6504b0670abb500	MDPI
478	Rana, A.; Dumka, A.; Singh, R.; Panda, M.K.; Priyadarshi, N.	A Computerized Analysis with Machine Learning Techniques for the Diagnosis of Parkinson's Disease: Past Studies and Future Perspectives	2022	Diagnostics	10.3390/diagnostics12112708	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141725628&doi=10.3390%2Fdiagnostics12112708&partnerID=40&md5=c2cafb60e3d0d2ada4c322c0f66758f8	Multidisciplinary Digital Publishing Institute (MDPI)



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479	Mitra, S.P.; Bhowmick, R.; Biswas, A.; Chattopadhyaya, M.; Koley, S.; Sen, S.	π -Stacked (Cn-C6H6-Fe-C6H6-C13-n)n=2: A spin operated thermoelectric nanodevice	2022	Journal of Physics and Chemistry of Solids	10.1016/j.jpics.2022.110900	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134695409&doi=10.1016%2Fj.jpics.2022.110900&partnerID=40&md5=1303b8e259ec80cc473af8236daa11de	Elsevier Ltd
480	Biswas, A.; Basu, B.; Nandi, A.	Compact Wearable UWB MIMO Antenna with Reduced Mutual Coupling and Notch Characteristics of WLAN Band	2022	Arabian Journal for Science and Engineering	10.1007/s13369-022-06861-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128819551&doi=10.1007%2Fs13369-022-06861-y&partnerID=40&md5=62f5d1ec969ae8813a66769f4e08ce29	Institute for Ionics
481	Kumar, N.S.; Chandrasekaran, G.; Jayakumar, J.; Vanchinathan, K.; Gnanavel, C.; Priyadarshi, N.; Mahajan, M.S.; Hussien, M.G.; El-Sousy, F.F.M.; Ali, M.M.	A Novel Design Methodology and Numerical Simulation of BLDC Motor for Power Loss Reduction	2022	Applied Sciences (Switzerland)	10.3390/app122010596	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85140454753&doi=10.3390%2Fapp122010596&partnerID=40&md5=820ab9ddbda571ec4446c0cd129da442	MDPI



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482	Bisht, D.; Singh, R.; Gehlot, A.; Akram, S.V.; Singh, A.; Montero, E. C.; Priyadarshi, N.; Twala, B.	Imperative Role of Integrating Digitalization in the Firms Finance: A Technological Perspective	2022	Electronics (Switzerland)	10.3390/electronics11193252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139926971&doi=10.3390/electronics11193252&partnerID=40&md5=3a3d53a5b0b2cf8299854f690663e86e	MDPI
483	Ramnarayan, R.; Gehlot, A.; Singh, R.; Akram, S.V.; Priyadarshi, N.; Twala, B.	Hospitality Feedback System 4.0: Digitalization of Feedback System with Integration of Industry 4.0 Enabling Technologies	2022	Sustainability (Switzerland)	10.3390/su141912158	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139925784&doi=10.3390/su141912158&partnerID=40&md5=f77c10f87f874b5f3c49a410ed7dba74	MDPI
484	Priyadarshi, N.; Padmanaban, P.; Mahajan, M.S.; Azam, F.; Taha, I.B.M.; Hussien, M.G.	An adaptive TS-fuzzy model based RBF neural network learning for grid integrated photovoltaic applications	2022	IET Renewable Power Generation	10.1049/rpg2.12505	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130245727&doi=10.1049/rpg2.12505&partnerID=40&md5=0a9604c077f8f3555625d753c812e86f	John Wiley and Sons Inc
485	Ahmad, I.; Sharma, S.; Singh, R.; Gehlot, A.; Priyadarshi, N.; Twala, B.	MOOC 5.0: A Roadmap to the Future of Learning	2022	Sustainability (Switzerland)	10.3390/su141811199	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138742884&doi=10.3390/su141811199&partnerID=40&md5=d84c40eff7367f745cfdec72b3afd218	MDPI



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486	Sharma, S.D.; Sharma, S.; Singh, R.; Gehlot, A.; Priyadarshi, N.; Twala, B.	Stress Detection System for Working Pregnant Women Using an Improved Deep Recurrent Neural Network	2022	Electronics (Switzerland)	10.3390/electronics11182862	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138693682&doi=10.3390/2Felectronics11182862&partnerID=40&md5=acbd7fe93c4efad18573bfb92ac043d	MDPI
487	Pandey, S.; Twala, B.; Singh, R.; Gehlot, A.; Singh, A.; Montero, E. C.; Priyadarshi, N.	Wastewater Treatment with Technical Intervention Inclination towards Smart Cities	2022	Sustainability (Switzerland)	10.3390/su141811563	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138682845&doi=10.3390/2Fsu141811563&partnerID=40&md5=89e73d073bf18d62dab48e3f4dea1563	MDPI
488	Sharma, S.D.; Sharma, S.; Singh, R.; Gehlot, A.; Priyadarshi, N.; Twala, B.	Deep Recurrent Neural Network Assisted Stress Detection System for Working Professionals	2022	Applied Sciences (Switzerland)	10.3390/app12178678	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137915341&doi=10.3390/2Fapp12178678&partnerID=40&md5=c3cc3a1bbc851489644f83137be78c6d	MDPI
489	Kumar, S.C.; Thakur, A. K.; Aseer, J.R.; Natarajan, S.K.; Singh, R.; Priyadarshi, N.; Twala, B.	An Experimental Analysis and ANN Based Parameter Optimization of the Influence of Microalgae Spirulina Blends on CI Engine Attributes	2022	Energies	10.3390/en15176158	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137866600&doi=10.3390/2Fen15176158&partnerID=40&md5=9c0c8b25f9a34a741af5679d712c2505	MDPI



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491	Krishna, G.; Singh, R.; Gehlot, A.; Akram, S.V.; Priyadarshi, N.; Twala, B.	Digital Technology Implementation in Battery-Management Systems for Sustainable Energy Storage: Review, Challenges, and Recommendations	2022	Electronics (Switzerland)	10.3390/electronics11172695	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137777102&doi=10.3390/electronics11172695&partnerID=40&md5=1c8cb77a1ad9a85d47c638227af3aa7f	MDPI
492	Singh, D.; Singh, R.; Gehlot, A.; Akram, S.V.; Priyadarshi, N.; Twala, B.	An Imperative Role of Digitalization in Monitoring Cattle Health for Sustainability	2022	Electronics (Switzerland)	10.3390/electronics11172702	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137771886&doi=10.3390/electronics11172702&partnerID=40&md5=034d4adf1c41cd3a5f0c4cbf067821fe	MDPI
493	Singh, R.; Akram, S.V.; Gehlot, A.; Buddhi, D.; Priyadarshi, N.; Twala, B.	Energy System 4.0: Digitalization of the Energy Sector with Inclination towards Sustainability	2022	Sensors	10.3390/s22176619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137556763&doi=10.3390/s22176619&partnerID=40&md5=ede9c1fcb06d5ebbf04b0491b0734e8	MDPI



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494	Deb, S.; Ahmed, M.; Das, D.	Service quality estimation and improvement plan of bus Service: A perception and expectation based analysis	2022	Case Studies on Transport Policy	10.1016/j.cstp.2022.07.008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137138798&doi=10.1016%2Fj.cstp.2022.07.008&partnerID=40&md5=aea0e65a7e0f23994f0699a571cd817	Elsevier Ltd
495	Rakshit, P.; Kumar, S.; Noeiaghdam, S.; Fernandez-Gamiz, U.; Altanji, M.; Santra, S.S.	Modified SIR model for COVID-19 transmission dynamics: Simulation with case study of UK, US and India	2022	Results in Physics	10.1016/j.rinp.2022.105855	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135797135&doi=10.1016%2Fj.rinp.2022.105855&partnerID=40&md5=997a93244e3a0be660ac096722c4468c	Elsevier B.V.
496	Ruggieri, M.; Santra, S. S.; Scapellato, A.	Oscillatory Behavior of Second-Order Neutral Differential Equations	2022	Bulletin of the Brazilian Mathematical Society	10.1007/s00574-021-00276-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115237648&doi=10.1007%2Fs00574-021-00276-3&partnerID=40&md5=1551ff5f86db139c8f04b315a25d3d43	Springer Science and Business Media Deutschland GmbH
497	Chattaraj, D.; Das, A.K.	Security and privacy issues in 5g/6gassisted software-defined networks	2022			https://www.scopus.com/inward/record.uri?eid=2-s2.0-105004712071&partnerID=40&md5=5199fe3b30585b23eb69a87db1cf31a7	wiley



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498	Rana, A.; Dumka, A.; Singh, R.; Panda, M.K.; Priyadarshi, N.; Twala, B.	Imperative Role of Machine Learning Algorithm for Detection of Parkinson's Disease: Review, Challenges and Recommendations	2022	Diagnostics	10.3390/diagnostics12082003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137381762&doi=10.3390/diagnostics12082003&partnerID=40&md5=49d3dbe076697a53c2064a06bf6ef81e	Multidisciplinary Digital Publishing Institute (MDPI)
499	Reza, R.; Dutta, T.; Baidya, N.; Ghosh, N. N.; Khan, A.A.; Das, R.K.	Repurposing of anti-lung cancer drugs as multi-target inhibitors of SARS-CoV-2 proteins: An insight from molecular docking and MD-simulation study	2022	Microbial Pathogenesis	10.1016/j.micpath.2022.105615	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131749082&doi=10.1016%2Fj.micpath.2022.105615&partnerID=40&md5=be6e3586fc5191c9bb1455b3db0a355d	Academic Press
500	Banerjee, A.; Ghosh, A.; Das, M.; Suman, S.K.; Sain, A.	Memristor-Based Multiplier and Squarer of Some Numbers of the form $10 \pm m$	2022	Journal of The Institution of Engineers (India): Series B	10.1007/s40031-022-00717-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127719389&doi=10.1007%2Fs40031-022-00717-7&partnerID=40&md5=6f2650f8820ba856a313cbcbccc7fb94	Springer
501	Deepa, S.; Ganesh, A.; Vagif, V.R.; Santra, S.S.; Govindan, V.; Khedher, K.M.; Noeiaghdam, S.	Fractional Fourier Transform to Stability Analysis of Fractional Differential Equations with Prabhakar Derivatives	2022	Azerbaijan Journal of Mathematics		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137368175&partnerID=40&md5=5d56c23b5301d5c4beb744266e1617fd	Institute of Mathematics and Mechanics, National Academy of Sciences of Azerbaijan



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502	Kumar, N.; Gajraj, V.; Rameshbabu, R.; Mangalaraja, R.V.; Joshi, N.C.; Priyadarshi, N.	Redox additive electrolyte assisted promising pseudocapacitance from strictly 1D and 2D blended structures of MnO ₂ /rGO	2022	Materials Characterization	10.1016/j.matchar.2022.111991	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130940255&doi=10.1016%2Fj.matchar.2022.111991&partnerID=40&md5=56c5bab7e242de9c900bbbc28c3446e1	Elsevier Inc.
503	Arulmozhi, S.; Sukkiramathi, K.; Santra, S.S.; Edwan, R.; Fernandez-Gamiz, U.; Noeiaghdam, S.	Heat and mass transfer analysis of radiative and chemical reactive effects on MHD nanofluid over an infinite moving vertical plate	2022	Results in Engineering	10.1016/j.rineng.2022.100394	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127500250&doi=10.1016%2Fj.rineng.2022.100394&partnerID=40&md5=ca3c82b7608c83eb7f09c7c2d4831a5a	Elsevier B.V.
504	Bhowmick, R.; Chattopadhyaya, M.; Prasad Mitra, S.; Biswas, A.; Sen, S.	Role of d-orbital electrons in tuning multifunctional spintronic action in pi-stacked C _n -C ₆ H ₆ -Fe-C ₆ H ₆ -C ₁₃ -n	2022	Chemical Physics	10.1016/j.chemphys.2022.111507	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126584591&doi=10.1016%2Fj.chemphys.2022.111507&partnerID=40&md5=e24efa0b64699b9c75e8882b6813617e	Elsevier B.V.



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505	Santra, S.S.; Scapellato, A.	Some conditions for the oscillation of second-order differential equations with several mixed delays	2022	Journal of Fixed Point Theory and Applications	10.1007/s11784-021-00925-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126263308&doi=10.1007%2Fs11784-021-00925-6&partnerID=40&md5=f59d785b484e96e4a3dab2fd48d47729	Birkhauser
506	Kumar, N.; Thakur, V. N.; Karthikeyan, M.; Gajraj, V.; Sen, A.; Joshi, N.C.; Priyadarshi, N.	Morphological reduction of Fe ₃ O ₄ by a single-step hydrothermal synthesis using 1D MnO ₂ as a template and its supercapacitive behaviour	2022	CrystEngComm	10.1039/d2ce00620k	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131867492&doi=10.1039%2Fd2ce00620k&partnerID=40&md5=80763f391797d2ca4e1d8568d5d2d314	Royal Society of Chemistry
507	Bhattacharjee, S.; Banerjee, A.; Basu, S.; Sarkar, I.; Neogi, B.	Nonlinear analysis of Howland current source using describing function and simulation	2022	AIP Conference Proceedings	10.1063/5.0074168	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131161977&doi=10.1063%2F5.0074168&partnerID=40&md5=b66285147fbf54c47a5b580e51e33c41	American Institute of Physics Inc.
508	Priyadarshi, N.; Mahajan, M.S.; Azam, F.; Singh, M.; Dhaked, D.K.; Taha, I.B.M.; Hussien, M.G.	Performance Evaluation of Solar-PV-Based Non-Isolated Switched-Inductor and Switched-Capacitor High-Step-Up Cuk Converter	2022	Electronics (Switzerland)	10.3390/electronics11091381	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128746807&doi=10.3390%2Felectronics11091381&partnerID=40&md5=5ee5974fa004d80cc338fa09c0e7d91d	MDPI



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509	Ruggieri, M.; Santra, S. S.; Scapellato, A.	Fels Criterion for a Fourth-order Differential Equation with Variable Coefficients	2022	AIP Conference Proceedings	10.1063/5.0081997	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128553502&doi=10.1063%2F5.0081997&partnerID=40&md5=a74ae09e39eb53048faf943d9c1c028f	American Institute of Physics Inc.
510	Ghosh, T.; Santra, S.S.; Scapellato, A.	Oscillation Results for Second-order Neutral Delay Differential Equations	2022	AIP Conference Proceedings	10.1063/5.0081509	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128552217&doi=10.1063%2F5.0081509&partnerID=40&md5=0d9bfc782242cdf632ed8ab4a55d21ce	American Institute of Physics Inc.
511	Biswas, J.K.; Kalita, K.; Chowdhury, A.	Symbolic regression metamodel-based optimal design of patient-specific spinal implant (pedicle screw fixation)	2022	Engineering with Computers	10.1007/s00366-020-01090-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087318507&doi=10.1007%2Fs00366-020-01090-z&partnerID=40&md5=6c3e6a788ed26bd87baa5a6f9b9fd148	Springer Science and Business Media Deutschland GmbH
512	Gayen, P.K.; Das, S.	An Enhanced Ultra-High Gain Active-Switched Quasi Z-Source Inverter	2022	IEEE Transactions on Circuits and Systems II: Express Briefs	10.1109/TCSII.2021.3129903	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127906124&doi=10.1109%2FTCSII.2021.3129903&partnerID=40&md5=cbf59975e89c24fe303dfbac58c0d8ce	Institute of Electrical and Electronics Engineers Inc.



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514	Chattaraj, D.; Bera, B.; Das, A.K.; Rodrigues, J.J. P.C.; Park, Y.	Designing Fine-Grained Access Control for Software-Defined Networks Using Private Blockchain	2022	IEEE Internet of Things Journal	10.1109/JIOT.2021.3088115	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121968732&doi=10.1109%2FJIOT.2021.3088115&partnerID=40&md5=d27dd93f59610e4ac11bcd37dde546a1	Institute of Electrical and Electronics Engineers Inc.
515	Dutta, T.; Chowdhury, S.K.; Ghosh, N.N.; Chattopadhyay, A.P.; Das, M.; Mandal, V.	Green synthesis of antimicrobial silver nanoparticles using fruit extract of Glycosmis pentaphylla and its theoretical explanations	2022	Journal of Molecular Structure	10.1016/j.molstruc.2021.131361	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114127301&doi=10.1016%2Fj.molstruc.2021.131361&partnerID=40&md5=90457448eda15301024f6e86219392ff	Elsevier B.V.



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517	Chakraborty, M.; Chakraborty, S.; Das, S.	Analysis of Ka Band Inter-Fade Dynamics at an Indian Tropical Location	2022		10.23919/URSI-RCRS56822.2022.10118500	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160214436&doi=10.23919%2FURSI-RCRS56822.2022.10118500&partnerID=40&md5=3343d652f81ddba43a197d5897e486be	Institute of Electrical and Electronics Engineers Inc.
518	Ray, R.; Chakraborty, S.	A Discussion on Machine Learning Approach of Rainfall Prediction	2022		10.23919/URSI-RCRS56822.2022.10118437	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160207952&doi=10.23919%2FURSI-RCRS56822.2022.10118437&partnerID=40&md5=4c69630354faedd2933d03324b062675	Institute of Electrical and Electronics Engineers Inc.



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520	Rakshit, P.; Kumar, S.; Kumar Roy, M.	Intelligent Approach to Combat COVID-19: An Insight Analysis	2022		10.1007/978-3-030-98167-9_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85160170084&doi=10.1007%2F978-3-030-98167-9_4&partnerID=40&md5=59166a0207c0d2cdcee6e12b26d13c64	Springer International Publishing
521	Sahana, S.; Singh, D.; Nath, I.	Importance of AI and ML Towards Smart Sensor Network Utility Enhancement	2022		10.4018/978-1-7998-9220-5.ch015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153791341&doi=10.4018%2F978-1-7998-9220-5.ch015&partnerID=40&md5=5d54acde08955eac1aa3ff0867392d1d	IGI Global



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523	Mahendrakumar, S.; Kumar, N.S.; Chandrasekaran, G.; Vanitha, K.; Priyadarshi, N.; Mahajan, T.; Kumar, N.	Fruit Disease and Freshness Identification By Image Processing Method Using Raspberry Pi	2022		10.1109 /SMARTGENCO N56628. 2022.10083880	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85153672057&doi=10.1109%2FSMARTGENCON56628.2022.10083880&partnerID=40&md5=77339fb67922b8d34e984d19ebcc3719	Institute of Electrical and Electronics Engineers Inc.
524	Priyadarshi, N.; Mahajan, M.S.; Modak, P.; Kumar, N.	Hybrid Firefly-PSO MPPT Based Single Stage Induction Motor for PV Water Pumping with Deep Fuzzy-Neural Network Learning	2022		10.1109 /PEDES56012. 2022.10080780	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152387603&doi=10.1109%2FPEDES56012.2022.10080780&partnerID=40&md5=b514534cd1ab8a2d442b8ad11387d165	Institute of Electrical and Electronics Engineers Inc.



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525	Patra, A.; Chakraborty, D.; Sarkar, S.; Kar, S.	Compression of High-Resolution Medical and Space Color Video using Butterworth Filter	2022		10.1109/CCIP57447.2022.10058648	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152225897&doi=10.1109%2FCCIP57447.2022.10058648&partnerID=40&md5=c926a3d5b91abbb4d862e39ecb13efdf	Institute of Electrical and Electronics Engineers Inc.
526	Barman, A.; Dutta, T.; Majumdar, G.	Thermal Conductivity Testing Methods Using Industrial Rubbers/Rubber Compounds	2022		10.1016/B978-0-12-820352-1.00272-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151229757&doi=10.1016%2FB978-0-12-820352-1.00272-8&partnerID=40&md5=e86d379487824abfac8dc6a7b529cab7	Elsevier
527	Banu, K.S.; Dutta, T.; Majumdar, G.	Effect of Contamination on Characteristics of Plastic and Polymeric Materials	2022		10.1016/B978-0-12-820352-1.00210-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151215276&doi=10.1016%2FB978-0-12-820352-1.00210-8&partnerID=40&md5=221234676753d22031890f70ce3ff8cb	Elsevier



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529	Bag, S.	Nanoindentation of Polymeric Stent	2022		10.1016/B978-0-12-820352-1.00228-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151200162&doi=10.1016%2FB978-0-12-820352-1.00228-5&partnerID=40&md5=9a9e8be908cad0906a3816262f90b0c5	Elsevier
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531	Bhowmick, R.; Biswas, P.; Chattopadhyaya, M.; Sen, S.	Graphene Based Elastomeric Composite Sensors	2022		10.1016/B978-0-12-820352-1.00279-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151190133&doi=10.1016%2FB978-0-12-820352-1.00279-0&partnerID=40&md5=961cfedfcc07dddaa93e80a8fb4d2b3d	Elsevier
532	Bhowmick, R.; Sen, S.; Biswas, P.; Chattopadhyaya, M.	Electrical, Optical and Acoustic Properties of Plastics	2022		10.1016/B978-0-12-820352-1.00282-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151188959&doi=10.1016%2FB978-0-12-820352-1.00282-0&partnerID=40&md5=793d6f2287f718a8fee5b63f10c783ea	Elsevier
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534	Ghosh, S.	Testing of Mechanical Behavior of PVC Coated Fabrics	2022		10.1016/B978-0-12-820352-1.00197-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151174816&doi=10.1016%2FB978-0-12-820352-1.00197-8&partnerID=40&md5=6b8dc1ed745a27ff7390aa9302321c0e	Elsevier
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536	Majumdar, G.; Srivastwa, A.K.; Mukherjee, A.; Dutta, T.	Characterization of Electroless Metallic Coating on Plastic Components	2022		10.1016/B978-0-12-820352-1.00280-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151169145&doi=10.1016%2FB978-0-12-820352-1.00280-7&partnerID=40&md5=b2f57e973649131b440453f1369a0a5c	Elsevier
537	Mandal, I.; Paul, T.; Sen, S.; Biswas, S.; Chakraborty, S.; Dey, S.	Sustainable Analysis of Process Parameters During MIG Welding of 1018 Mild Steel	2022	International Journal of Social Ecology and Sustainable Development	10.4018/IJSESD.293255	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149459409&doi=10.4018%2FIJSESD.293255&partnerID=40&md5=8db7b2918d54cfacc483b3d8518ed56b	IGI Global



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538	Das, A.; Namtirtha, A.; Dutta, A.	Automatic Fast Fuzzy Clustering Algorithm for Nucleus Segmentation of Color Pathology Images	2022		10.1109/INDICON56171.2022.10039694	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85149237267&doi=10.1109%2FINDICON56171.2022.10039694&partnerID=40&md5=75720375d2aa45735710c54c44540e28	Institute of Electrical and Electronics Engineers Inc.
539	Banerjee, A.	Optimized Test Pattern Generation for Single Missing Gate Fault Detection in Reversible Arithmetic Circuits	2022		10.1109/EDKCON56221.2022.10032954	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148696417&doi=10.1109%2FEDKCON56221.2022.10032954&partnerID=40&md5=6268e2d1424447b1d1552b9f92b655df	Institute of Electrical and Electronics Engineers Inc.
540	Roy, D.D.; Ghosal, A.; Biswas, A.; Sarkar, S.; Bera, S.; Mukherjee, S. D.; De, D.	Implementation and Investigation of Quantum Characteristics of Cytosine Single - walled Nanotube Transistor: A DFT Based Approach	2022		10.1109/EDKCON56221.2022.10032941	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148689377&doi=10.1109%2FEDKCON56221.2022.10032941&partnerID=40&md5=b9c151afad5784f7db221d01f3ffe798	Institute of Electrical and Electronics Engineers Inc.
541	Mandal, I.; Paul, T.; Dey, S.; Roy, P.; Mahanta, S.; Dey, S.; Sarkar, D.; Mondal, A. K.; Ghosh, T.	Sustainable Analysis of Process Parameters During TIG Welding of Dissimilar Joining Between 304 Stainless Steel and AISI 1018 Mild Steel	2022	International Journal of Social Ecology and Sustainable Development	10.4018/IJSESD.295970	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85147562429&doi=10.4018%2FIJSESD.295970&partnerID=40&md5=b1ebc7bbc12c0ceb5ea3bc0e071f4d30	IGI Global



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544	Rajan, S.; Kumar, N.S.; Chandrasekaran, G.; Sowmiya, K.; Varalakshmi, K.; Priyadarshi, N.; Mahajan, M.S.; Kumar, N.	Atmospheric Monitoring and Fire Prevention Electronic System for Mining Workers	2022		10.1109/UPCON56432.2022.9986449	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146367959&doi=10.1109%2FUPCON56432.2022.9986449&partnerID=40&md5=a8c044c7a48fdd1c6a845f67d7f0b696	Institute of Electrical and Electronics Engineers Inc.



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546	Pal, M.; Maity, N.P.; Maity, R.	Silicon carbide membranes for micro-electro-mechanical-systems based CMUT with influence factors	2022	Materials Physics and Mechanics	10.18149/MPM.4912022_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142436287&doi=10.18149%2FMPM.4912022_6&partnerID=40&md5=c996c070b0ebebee947026db7454396b	Institute for Problems in Mechanical Engineering, Russian Academy of Sciences
547	Choudhury, S.; Singh, R.; Gehlot, A.; Kuchhal, P.; Akram, S.V.; Priyadarshi, N.; Khan, B.	Agriculture Field Automation and Digitization Using Internet of Things and Machine Learning	2022	Journal of Sensors	10.1155/2022/9042382	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85142430849&doi=10.1155%2F2022%2F9042382&partnerID=40&md5=0507f6373b04d4734df64e924423948e	Hindawi Limited
548	Das, D.; Banerjee, D.; Paul, S.R.; Pal, S.; Das, J.; Chandra, A.; Singh, P. K.; Adhikari, S.	Manufacturing of Brick from Medical Waste (MW)	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/1084/1/012078	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141786063&doi=10.1088%2F1755-1315%2F1084%2F1%2F012078&partnerID=40&md5=c3d2cbeee35ecf6d3f8bc26d9d015f94	Institute of Physics



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550	Roy, D.; Sengupta, D.; Paul, D.; Pal, D.; Khan, A.; Das, A.; Nath, S.; Sinha, K.; Malakar, B.	A Review on the Reliability Analysis of Point Machines in Railways	2022	Springer Proceedings in Complexity	10.1007/978-3-030-99792-2_114	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141785084&doi=10.1007%2F978-3-030-99792-2_114&partnerID=40&md5=27311f928fdd0eed9f3d55ce3cbb3cfb	Springer Science and Business Media B.V.
551	Banerjee, D.; Das, D.; Ghosh, U.; Debnath, D.; Debnath, S.; Malakar, S.; Das, R.; Datta, S.; Hossain, S.E.	Response Spectrum Analysis of a RC Building Based on Complete Quadratic Combination (CQC) Method	2022	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/1084/1/012080	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141747079&doi=10.1088%2F1755-1315%2F1084%2F1%2F012080&partnerID=40&md5=e014ef03cec64dda03797a67a099ec3d	Institute of Physics



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553	Geetha, K.; Anitha, N.; Noeiaghdam, S.; Fernandez-Gamiz, U.; Santra, S.S.; Khedher, K.M.	Generalization of (Q,L)-Fuzzy Soft Subhemirings of a Hemiring	2022	Advances in Fuzzy Systems	10.1155/2022/6102211	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139771948&doi=10.1155%2F2022%2F6102211&partnerID=40&md5=bb4af9102c6d80ecd2edc7bf87c52f9	Hindawi Limited
554	Altanji, M.; Chhatria, G. N.; Santra, S.S.; Scapellato, A.	Oscillation criteria for sublinear and superlinear first-order difference equations of neutral type with several delays	2022	AIMS Mathematics	10.3934/math.2022973	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138665452&doi=10.3934%2Fmath.2022973&partnerID=40&md5=9386fc856b092e95f006bfd8a136f09	American Institute of Mathematical Sciences
555	Kumar, N.; Priyadarshi, N.; Upadhyay, S.	Hydrothermally modified Fe3O4 having surface covered with nanorods like morphologies and its cyclic voltammetry study	2022	Materials Today: Proceedings	10.1016/j.matpr.2022.09.148	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85138546687&doi=10.1016%2Fj.matpr.2022.09.148&partnerID=40&md5=e5d0a4d11eaffb30b23b8ff2fa1af17	Elsevier Ltd



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557	Das, S.; Gayen, P.K.; Datta, D.	New Approach for Reducing Impact of Sand Storm and Subsequent Deposition on Solar Panel in Desert Area	2022	International Journal of Computing and Digital Systems	10.12785/ijcids/120156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135756634&doi=10.12785%2Fijcids%2F120156&partnerID=40&md5=41b4248dad5007be07f8b4fbf572d26e	University of Bahrain
558	Bhowmick, R.; Chakraborty, J.; Mitra, S.P.; Biswas, A.; Maiti, S.; Dutta, T.; Koley, S.; Chattopadhyaya, M.; Sen, S.	Even Odd Oscillation in Tunnelling Magneto Resistance of Transition metal doped Metallo Porphyrin systems	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135727090&doi=10.1088%2F1742-6596%2F2286%2F1%2F012007&partnerID=40&md5=aa44721f4407b0792cfded9cc29072a6	Institute of Physics
559	Singh, D.; Bhattacharyya, S.; Sahana, S.; Nath, I.; Paul, A.; Halder, M.K.	Diagnosis of Liver Disorder Using Clustering Technique	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135724477&doi=10.1088%2F1742-6596%2F2286%2F1%2F012020&partnerID=40&md5=0c13a00dce5fff79a3b142acb1d16dcf	Institute of Physics



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561	Suman, S.K.; Kundu, D. K.; Ray, U.; Basu, S.; Neogi, B.; Sarkar, I.	Contrived Motorization of Vehicle through Advanced Android Administration	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135719894&doi=10.1088%2F1742-6596%2F2286%2F1%2F012003&partnerID=40&md5=172bd4b073393860d6ec359218107106	Institute of Physics
562	Dutta, P.; Dutta, T.; Barman, A.; Pal, M.; Ray, R.	Suitable model prediction based on COVID 19 Phase i data	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135715709&doi=10.1088%2F1742-6596%2F2286%2F1%2F012021&partnerID=40&md5=a6e8470da6ff935603bffa8334870d15	Institute of Physics



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564	Majumder, A.B.; Gupta, S.; Singh, D.	Analysis and Observations of Associated Factors of Cardiovascular Disease	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135707683&doi=10.1088%2F1742-6596%2F2286%2F1%2F012024&partnerID=40&md5=ce8b6df2e12811bd3e112c856c3c8f05	Institute of Physics
565	Dam, M.; Majumder, D.; Bhattacharjee, R.; Santra, S.S.	Student's performance evaluation according to the cognitive domain: Fuzzy logic approach	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135704784&doi=10.1088%2F1742-6596%2F2286%2F1%2F012014&partnerID=40&md5=851d232485ce240ae4a6f4d71ad2bd42	Institute of Physics



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566	Paul, B.; Chakraborty, B.; Dhar, A.; Adhikari, S.; Saha, S.; Biswas, P.; Das, P.; Das, S.; Pal, B.; Ray, P.; Sasmal, M.	Multi sensor based smart medical ring for health monitoring system	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135703406&doi=10.1088%2F1742-6596%2F2286%2F1%2F012004&partnerID=40&md5=60485c8133289efb40cdc3e9b981fe33	Institute of Physics
567	Barman, A.; Bhattacharjee, S.; Dutta, T.; Pal, S.; Chatterjee, S.; Karmakar, P.; Mondal, S.	Biofuel from organic waste- a smart solution to conserve nonrenewable resources - A review	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012028	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135703358&doi=10.1088%2F1742-6596%2F2286%2F1%2F012028&partnerID=40&md5=7ddad053d41a383ac414d4ea380d609d	Institute of Physics
568	Ghosh, S.; Sharma, S.; Ghosh, S.K.; Pal, B.; Kanthal, S.; Roy, S.	Unconventional Water Production Technologies for a smart and sustainable society	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135702958&doi=10.1088%2F1742-6596%2F2286%2F1%2F012029&partnerID=40&md5=c93900380c79803d7d2cdf1d07b0f1df	Institute of Physics



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569	Nallathambi, K.; Santra, S.S.; Alagesan, K.; Routh, R.; Maji, S.; Khedher, K.M.	Application of Fourier Transform to Study Hyers-Ulam Stability of Linear Differential Equations	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135702299&doi=10.1088%2F1742-6596%2F2286%2F1%2F012009&partnerID=40&md5=5980d8bb42a8a4bca940a82039188938	Institute of Physics
570	Chitra, L.; Alagesan, K.; Das, S.; Bhattacharjee, A.; Govindan, V.	Oscillatory Properties of Third-order Neutral Delay Difference Equations	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135700050&doi=10.1088%2F1742-6596%2F2286%2F1%2F012015&partnerID=40&md5=5717a45987ff9cbd436d32a7a121c66e	Institute of Physics
571	Das, K.; Nandi, S.; Chattaraj, S.; Halder, A.; Sadhukhan, W.	Estimation of subsoil parameters and settlement of foundation for a project in Kolkata based on CPT, DMT.	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012026	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135699693&doi=10.1088%2F1742-6596%2F2286%2F1%2F012026&partnerID=40&md5=9e636e0c6e8339a629f6840a1881de44	Institute of Physics



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572	Kokila, G.; Santhi, A.; Govindan, V.; Mukherjee, S.; Khedher, K.M.	Asymptotic Behavior of Solutions of Third-order Non-linear Neutral Difference Equations	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135698887&doi=10.1088%2F1742-6596%2F2286%2F1%2F012012&partnerID=40&md5=d8970ab9cb7d45cad30e13f682001cd0	Institute of Physics
573	Chatterjee, S.; Bhunia, P.K.; Mondal, P.; De, M.	Wireless sensor network enabled real-time remote intelligent health monitoring and management system using Internet of Things (IoT) sensing with cloud-based processing during covid-19 situation	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135695172&doi=10.1088%2F1742-6596%2F2286%2F1%2F012005&partnerID=40&md5=40541ab3979736183efcc8fb55c93dd4	Institute of Physics
574	Chatterjee, S.; Chanda, A.; Bhunia, P.K.; Dey, A.; Raza, M.A.; Kundu, M.	Cognitive mechatronic smart system with obstacle detection using sensor-based system to avoid car accidents	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135688513&doi=10.1088%2F1742-6596%2F2286%2F1%2F012001&partnerID=40&md5=4ee0eb2b5fcafe1c768b048b5ef7d0d	Institute of Physics



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575	Mitra, S.P; Biswas, A.; Dey, S.; Roy, U.; Bhowmick, R.; Chattopadhyaya, M.; Dutta, T.; Chakraborty, J.; Sen, S.	Role of dopants in tuning spintronic features of lithium doped g-C ₄ N ₃ @Lin =1 to 4	2022	Journal of Physics: Conference Series	10.1088/1742- 6596/2286/1/0 12008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135688433&doi=10.1088%2F1742-6596%2F2286%2F1%2F012008&partnerID=40&md5=6d044f34f0d5a017cb07ae06353a8b91	Institute of Physics
576	Patra, A.; Das, M.; Ghosal, A.; Ghosh, A.; Kushary, I.; Roy, S.; Chakraborty, D.	Remote Sensing Image Encryption and Error Detection using Hamming Code	2022	Journal of Physics: Conference Series	10.1088/1742- 6596/2286/1/0 12018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135687635&doi=10.1088%2F1742-6596%2F2286%2F1%2F012018&partnerID=40&md5=fe3159ee7073ee1db830aca606f347ef	Institute of Physics
577	Das, P; Das, S.; Biswas, P.; Roy, P.; Pal, B.; Sasmal, M.; Dhar, A.; Kundu, B.; Paul, D.	Review on Power System Reliability Indices and Evaluation Techniques	2022	Journal of Physics: Conference Series	10.1088/1742- 6596/2286/1/0 12023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135687461&doi=10.1088%2F1742-6596%2F2286%2F1%2F012023&partnerID=40&md5=4753ae17d2451c1016eefa76948c80fd	Institute of Physics



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578	Biswas, P.; Das, S.; Pal, B.; Das, P.; Sasmal, M.; Ray, P.	Optimization of Microgrid Operation under the Diffusion of Solar and Wind Plant with Special Attention on Environment	2022	Journal of Physics: Conference Series	10.1088/1742-6596/2286/1/012016	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135687337&doi=10.1088%2F1742-6596%2F2286%2F1%2F012016&partnerID=40&md5=ae73e475a4c67d2c27a2e3ac8dac7a1d	Institute of Physics
579	Ghosh, P.; Verma, D.	An Improved Reputation Based Approach for Malicious Node Detection System in Manet	2022		10.1109/ICACITE53722.2022.9823753	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85135446574&doi=10.1109%2FICACITE53722.2022.9823753&partnerID=40&md5=cd951bd2455b82c28421d6c65e386d8c	Institute of Electrical and Electronics Engineers Inc.
580	Saha, M.; Bakshi, S.; Mandal, S.; Biswas, P.; Ghosh, S.	Tribological behavior of EN8 and EN24 steel in lubricating condition	2022	Materials Today: Proceedings	10.1016/j.matpr.2022.06.315	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133650986&doi=10.1016%2Fj.matpr.2022.06.315&partnerID=40&md5=dd762f46164042b0c8dea3be60f35f11	Elsevier Ltd



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581	Das, S.; Sanyal, M.K.; Das, S.K.	Application of BLOCKCHAIN in Agriculture: An Instance of Secure Financial Service in Farming	2022	Lecture Notes in Networks and Systems	10.1007/978- 981-19-3182- 6_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133005071&doi=10.1007%2F978-981-19-3182-6_24&partnerID=40&md5=0027dc5d1357b6d3e1cd0cdd170d0b6d	Springer Science and Business Media Deutschland GmbH
582	Thiyagarajan, T; Sathyamoorthi, S.; Santra, S.S.; Govindan, V.; Altanji, M.; Noeiaghdam, S.	Rotational Reaction over Infected Covid-19 on Human Respiratory Tract in the Presence of Soret Effect with Hall Current; Влияние вращения с учетом эффекта Соре и тока Холла в дыхательных путях человека при заражении COVID-19	2022	Bulletin of Irkutsk State University, Series Mathematics	10.26516/1997- 7670.2022.40.1 5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132765792&doi=10.26516%2F1997-7670.2022.40.15&partnerID=40&md5=15089849a81ec893f60b33218889ce8f	Irkutsk State University
583	Vijayalakshmi, E.A.; Santra, S.S.; Botmart, T.; Alotaibi, H.; Loganathan, G.B.; Kannan, M.; Visuvasam, J.; Govindan, V.	Analysis of the magnetohydrodynamic flow in a porous medium	2022	AIMS Mathematics	10.3934/math. 2022832	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132271142&doi=10.3934%2Fmath.2022832&partnerID=40&md5=ce40e677945563bff6e865492301e39e	American Institute of Mathematical Sciences



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584	Bhattacharjee, S.; Dutta, T.	An overview of oil pollution and oil-spilling incidents	2022		10.1016/B978- 0-323-89978- 9.00014-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131729039&doi=10.1016%2FB978-0-323-89978-9.00014-8&partnerID=40&md5=d29e3b0dcdefb286df14144073153ebf	Elsevier
585	Bazighifan, O.; Santra, S.S.	SECOND-ORDER DIFFERENTIAL EQUATIONS: ASYMPTOTIC BEHAVIOR OF THE SOLUTIONS	2022	Miskolc Mathematical Notes	10.18514/MMN. 2022.3369	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85131718704&doi=10.18514%2FMMN.2022.3369&partnerID=40&md5=fbca73788e3b38eed070dc656ce0e3f5	University of Miskolc
586	Altanji, M.; Santhi, A.; Govindan, V.; Santra, S. S.; Noeiaghdam, S.	Fixed-Point Results Related to b - Intuitionistic Fuzzy Metric Space	2022	Journal of Function Spaces	10.1155 /2022/9561906	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130865829&doi=10.1155%2F2022%2F9561906&partnerID=40&md5=eee1397bd70aef01f38081087c52629d	Hindawi Limited
587	Elngar, A.A.; Elhosen, M.; Chowdhury, R.; Balas, V.E.	Applications of Computational Intelligence in Multi- Disciplinary Research: A volume in Advances in Biomedical Information	2022		10.1016/B978- 0-12-823978- 0.00016-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85130172502&doi=10.1016%2FB978-0-12-823978-0.00016-2&partnerID=40&md5=ba00cabb2924c2c76a8e331122f5874f	Elsevier



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588	Moaz, O.; Muhib, A.; Abdeljawad (Maraaba) T, T.; Santra, S.S.; Anis, M.	Asymptotic behavior of even-order noncanonical neutral differential equations	2022	Demonstratio Mathematica	10.1515/dema-2022-0001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127860852&doi=10.1515%2Fdema-2022-0001&partnerID=40&md5=d7554cc40fc991c605d6c6c32efccaaf	Walter de Gruyter GmbH
589	Chakraborty, P.; Neogi, B.; Das, A.	Surface Electromyogram (S-EMG) Spectrogram Analysis of Human Arm Activity Towards Interpretability and Classification	2022	Lecture Notes in Networks and Systems	10.1007/978-981-16-8826-3_25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127658819&doi=10.1007%2F978-981-16-8826-3_25&partnerID=40&md5=b415abce3c281b3619fad5fcbf6e5340	Springer Science and Business Media Deutschland GmbH
590	Banerjee, A.; Garg, D.; Das, V.; Sahoo, L.; Nath, I.; Varadarajan, V.; Kotecha, K.	Design of Energy Efficient WSN Using a Noble SMOWA Algorithm	2022	Computers, Materials and Continua	10.32604/cmc.2022.025233	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127350015&doi=10.32604%2Fcmc.2022.025233&partnerID=40&md5=cb02e9c1165fe77a0918045060b61530	Tech Science Press
591	Ghosh, S.; Kundu, B.; Ghosh, D.; Saha, K.; Chatterjee, I.; Ghosh, S.	Thermal-Hydraulic analysis of axial gas turbine blade	2022	Materials Today: Proceedings	10.1016/j.matpr.2022.03.018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126959345&doi=10.1016%2Fj.matpr.2022.03.018&partnerID=40&md5=9d3aa6d29f58a8b26bc1bb6be0511c9	Elsevier Ltd



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592	Medda, R.; Gope, D.; Chakraborty, A.; Debnath, N.; Das, S.; Sengupta, A.R.	A Brief Review on the Performances of Two-Bladed and Three-Bladed H-Darrieus Rotors	2022	Lecture Notes in Electrical Engineering	10.1007/978-981-16-9154-6_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126259699&doi=10.1007%2F978-981-16-9154-6_7&partnerID=40&md5=3289f7e80630f20be3ec1f7b482f3961	Springer Science and Business Media Deutschland GmbH
593	Saha, D.; Mukherjee, I.; Roy, J.; Sahana, S.; Singh, D.	LORANEX: A New Paradigm for Multimodal Approach to Forecast Weather	2022	Lecture Notes in Electrical Engineering	10.1007/978-981-16-9154-6_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126255773&doi=10.1007%2F978-981-16-9154-6_35&partnerID=40&md5=f4e7959096e34221e5c3ae51c9d70143	Springer Science and Business Media Deutschland GmbH
594	Roy, M.; Das, A.; Biswas, R.; Neogi, B.; Saha, P.	Mathematical Modeling of Respiratory System Introducing Electrical Control Function Analogy	2022	Lecture Notes in Electrical Engineering	10.1007/978-981-16-9154-6_60	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126229907&doi=10.1007%2F978-981-16-9154-6_60&partnerID=40&md5=c76ff1cf37643262d04c69b4d24ae86a	Springer Science and Business Media Deutschland GmbH



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595	Roy, A.; Singh, D.; Sahana, S.	COVID-19 Data Forecasting Using Soft Computing Technique	2022	Lecture Notes in Electrical Engineering	10.1007/978-981-16-9154-6_25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126219833&doi=10.1007%2F978-981-16-9154-6_25&partnerID=40&md5=c5686d4333afeb291d2b1d93aabf9e1d	Springer Science and Business Media Deutschland GmbH
596	Roy, D.; Sengupta, D.; Paul, D.; Khan, A.; Das, A.; Pal, D.; Malakar, B.	A Survey on the Applications and Advancements in Smart Water Meter	2022	Lecture Notes in Electrical Engineering	10.1007/978-981-16-9154-6_41	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126205651&doi=10.1007%2F978-981-16-9154-6_41&partnerID=40&md5=bdb75840b9f97f30fa283c63cd1d1150	Springer Science and Business Media Deutschland GmbH
597	Ghatak, A.; Malakar, B.	A Performance Analysis of a Photo Voltaic Array Under Different Temperature Conditions and Semiconductor Materials	2022	Lecture Notes in Electrical Engineering	10.1007/978-981-16-9154-6_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126192195&doi=10.1007%2F978-981-16-9154-6_24&partnerID=40&md5=a6bbcf48ce7b3794ccd695065827d81	Springer Science and Business Media Deutschland GmbH



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598	Sarkar, D.; Sengupta, A. R.	Performance Study of a Cambered Blade H-Rotor by CFD Analysis	2022	Lecture Notes in Electrical Engineering	10.1007/978-981-16-9154-6_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126179006&doi=10.1007%2F978-981-16-9154-6_30&partnerID=40&md5=33295d8e81e8f0539aca5a89f0bf2dcb	Springer Science and Business Media Deutschland GmbH
599	Das, A.; Bhattacharjee, A.; Dutta, B.R.; Masanta, S.; Sahana, S.; Singh, D.	A Generic Approach for Interpolation and Image Fusion to Obtain Pan-Sharpness	2022	Lecture Notes in Electrical Engineering	10.1007/978-981-16-9154-6_22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85126176693&doi=10.1007%2F978-981-16-9154-6_22&partnerID=40&md5=0c93163268a3eb1a8b48d31650fb1830	Springer Science and Business Media Deutschland GmbH
600	Tuan, N.A.; Akila, D.; Pal, S.; Sarkar, B.; Khai, T.K.; Mothilal Nehru, G.; Le, D.-N.	Dynamic Data Optimization in IoT-Assisted Sensor Networks on Cloud Platform	2022	Computers, Materials and Continua	10.32604/cmc.2022.024096	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125368102&doi=10.32604%2Fcmc.2022.024096&partnerID=40&md5=7ea6e1d5441633e6d1c3cc1c7ee7d6ca	Tech Science Press



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601	Haldar, S.; Sain, A.; Suman, S.K.; Biswas, L.; Biswas, K.	Internet of Things for Fishery	2022	Lecture Notes in Electrical Engineering	10.1007/978-981-16-7011-4_48	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125245893&doi=10.1007%2F978-981-16-7011-4_48&partnerID=40&md5=ce27e2c1b14ef71d7269d04ad77bb33a	Springer Science and Business Media Deutschland GmbH
602	Jayakumar, C.; Santra, S.S.; Baleanu, D.; Edwan, R.; Govindan, V.; Murugesan, A.; Altanji, M.	Oscillation result for half-linear delay difference equations of second-order	2022	Mathematical Biosciences and Engineering	10.3934/mbe.2022178	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124790932&doi=10.3934%2Fmbe.2022178&partnerID=40&md5=7ea717d092a7e21aea528daecb00bd6c	American Institute of Mathematical Sciences
603	Ghosh, S.; Rakshit, P.; Debnath, S.; Roy, D.; Paul, S.; Chakraborty, M.	Prediction of MOSFET Count in Processor Integrated Circuit Using Machine Learning Approach	2022	Lecture Notes in Networks and Systems	10.1007/978-981-16-4244-9_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121934565&doi=10.1007%2F978-981-16-4244-9_30&partnerID=40&md5=11f5ffffdaba9a5ba4f160e1711d8687	Springer Science and Business Media Deutschland GmbH
604	Ghosh, S.; Rakshit, P.; Paul, S.; Sen, R.; Manna, R.; Shaw, S.	Comparative Assessment of Different Feature Selection Methods with Proposed Method in the Application of Diabetes Detection	2022	Lecture Notes in Networks and Systems	10.1007/978-981-16-4244-9_38	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121922557&doi=10.1007%2F978-981-16-4244-9_38&partnerID=40&md5=18e6baa7e5b6a42aaa61aa8218af3b7f	Springer Science and Business Media Deutschland GmbH



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605	Muhib, A.; Dassios, I.; Baleanu, D.; Santra, S. S.; Moaaz, O.	Odd-order differential equations with deviating arguments: asymptomatic behavior and oscillation	2022	Mathematical Biosciences and Engineering	10.3934/mbe.2022065	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121862824&doi=10.3934%2Fmbe.2022065&partnerID=40&md5=4a87b2c337bd51ba55c7e68f8cdc1baf	American Institute of Mathematical Sciences
606	Qaraad, B.; Moaaz, O.; Baleanu, D.; Santra, S. S.; Ali, R.; Elabbasy, E. M.	Third-order neutral differential equations of the mixed type: Oscillatory and asymptotic behavior	2022	Mathematical Biosciences and Engineering	10.3934/mbe.2022077	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121782408&doi=10.3934%2Fmbe.2022077&partnerID=40&md5=0ba14ba3fdc052ad6d213ff2bae2355a	American Institute of Mathematical Sciences
607	Ganesh, A.; Deepa, S.; Baleanu, D.; Santra, S. S.; Moaaz, O.; Govindan, V.; Ali, R.	Hyers-ulam-mittag-leffler stability of fractional differential equations with two caputo derivative using fractional fourier transform	2022	AIMS Mathematics	10.3934/math.2022103	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118369394&doi=10.3934%2Fmath.2022103&partnerID=40&md5=64b860f63ba75f6d0ca2c19d41905be0	American Institute of Mathematical Sciences
608	Ghosh, K.; Mridha, N.K.; Khan, A.A.; Baidya, N.; Dutta, T.; Biswas, K.; Ghosh, N.N.	CO2 activation on transition metal decorated graphene quantum dots: An insight from first principles	2022	Physica E: Low-Dimensional Systems and Nanostructures	10.1016/j.physe.2021.114993	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115950732&doi=10.1016%2Fj.physe.2021.114993&partnerID=40&md5=ba0a8baeaad60c3b14c96c475b1bd6bf	Elsevier B.V.



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609	Majumder, A.B.; Majumder, S.; Gupta, S.; Singh, D.	An Intelligent, Geo- replication, Energy- Efficient BAN Routing Algorithm Under Framework of Machine Learning and Cloud Computing	2022	Lecture Notes on Data Engineering and Communications Technologies	10.1007/978- 981-16-2937- 2_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115726091&doi=10.1007%2F978-981-16-2937-2_4&partnerID=40&md5=6621de50fcd592de97e7023e4078b471	Springer Science and Business Media Deutschland GmbH
610	Saha, S.; Gayen, P.K.; Kushary, I.	Reduction of Power Fluctuation for Grid Connected qZSI-Based Solar Photovoltaic System Using Battery Storage Unit	2022	Lecture Notes in Electrical Engineering	10.1007/978- 981-16-2911- 2_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85115056039&doi=10.1007%2F978-981-16-2911-2_37&partnerID=40&md5=6206c9c0a06bf87041fe39ae936ed065	Springer Science and Business Media Deutschland GmbH
611	Patra, A.; Saha, A.; Bhattacharya, K.	Encryption of Optically Compressed Medical Images Using Phase Matrix	2022	Lecture Notes in Networks and Systems	10.1007/978- 981-16-4435- 1_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113536153&doi=10.1007%2F978-981-16-4435-1_2&partnerID=40&md5=f57da2f853a3ffe70dd6d4d7d0ffae71	Springer Science and Business Media Deutschland GmbH



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612	Singh, D.; Sahana, S.	A Novel Approach for Extraction of Knowledge in Data Analysis Using Meta Heuristic Models	2022	Lecture Notes in Networks and Systems	10.1007/978-981-16-4435-1_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113521304&doi=10.1007%2F978-981-16-4435-1_21&partnerID=40&md5=3c36ddce536bb3f4f208b9d1b17454d3	Springer Science and Business Media Deutschland GmbH
613	Roy, S.; Nandy Pal, M.; Lahiri, S.; Pal, N.C.	Content-Based Retrieval of COVID-19 Affected Chest X-rays with Siamese CNN	2022	Studies in Systems, Decision and Control	10.1007/978-3-030-77302-1_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112666601&doi=10.1007%2F978-3-030-77302-1_1&partnerID=40&md5=7e8b5cf7724a2a177ce134c451e5f9d7	Springer Science and Business Media Deutschland GmbH
614	Singh, D.; Choudhury, J.; De, M.	A Comparative Study of Meta Heuristic Model to Assess the Type of Breast Cancer Disease	2022	IETE Journal of Research	10.1080/03772063.2020.1775139	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086925642&doi=10.1080%2F03772063.2020.1775139&partnerID=40&md5=ab14c2f7be8911314500ab2ba571d198	Taylor and Francis Ltd.
615	Chowdhuri, S.; Barui, S.; Mondal, S.; Mandal, S.; Neogi, B.	Sensing a Physical Object Gripping using Haptic Technology and Machine Learning Algorithms	2022	Revista Romana de Informatica si Automatica	10.33436/v32i2y202207	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007079485&doi=10.33436%2Fv32i2y202207&partnerID=40&md5=0545de3dcc8d97a3220a25fad19f766a	National Institute for R and D in Informatics



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616	Chakraborty, P.; Barui, S.; Das, A.; Neogi, B.	Global Stability Analysis of Mechanical Prosthetic Finger Adaptive Control	2022	Revista Romana de Informatica si Automatica	10.33436/v32i1y202203	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105007063263&doi=10.33436%2Fv32i1y202203&partnerID=40&md5=ad7eebbe859a1bec7825eb033f9095a4	National Institute for R and D in Informatics
617	Ray, R.; Pal, M.; Umamaheswari, R.; Banerjee, I.	Machine learning based microstrip antenna design in wireless communications	2021		10.1201/9781003194415-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85133904592&doi=10.1201%2F9781003194415-2&partnerID=40&md5=ae67889cc4e717feba53d70c0fc8b201	CRC Press
618	Korolev, M.; Nikitenko, S.; Neogi, B.	Patent analytics as a tool for mining machines	2021	E3S Web of Conferences	10.1051/e3sconf/202133003007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85146733913&doi=10.1051%2Fe3sconf%2F202133003007&partnerID=40&md5=1cd8e2ac803e5cc175ca49098ce5240f	EDP Sciences
619	Chowdhury, S.K.; Dutta, T.; Chattopadhyay, A.P.; Ghosh, N.N.; Chowdhury, S.; Mandal, V.	Isolation of antimicrobial Tridecanoic acid from Bacillus sp. LBF-01 and its potentialization through silver nanoparticles synthesis: a combined experimental and theoretical studies	2021	Journal of Nanostructure in Chemistry	10.1007/s40097-020-00385-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85134876119&doi=10.1007%2Fs40097-020-00385-3&partnerID=40&md5=1cf6cfa45cb284bf388279b07957a62a	Springer Medizin



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620	Sengupta, A.R.; Biswas, A.; Gupta, R.	Aerodynamic analysis of cambered blade H-Darrieus rotor in low wind velocity using CFD	2021	Wind and Structures, An International Journal	10.12989/was.2021.33.6.471	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85124382513&doi=10.12989%2Fwas.2021.33.6.471&partnerID=40&md5=140bf0a66390ada0a19728d1b99e46ca	Techno-Press
621	Qaraad, B.; Moaaz, O.; Santra, S.S.; Noeiaghdam, S.; Sidorov, D.; Elabbasy, E.M.	Oscillatory behavior of third-order quasi-linear neutral differential equations	2021	Axioms	10.3390/axioms10040346	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85121700693&doi=10.3390%2Faxioms10040346&partnerID=40&md5=c0ff813a5708b76a1dee59901573b30b	MDPI
622	Santra, S.S.; Ghosh, A.; Bazighifan, O.; Khedher, K.M.; Nofal, T. A.	Second-order impulsive differential systems with mixed and several delays	2021	Advances in Difference Equations	10.1186/s13662-021-03474-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109005324&doi=10.1186%2Fs13662-021-03474-x&partnerID=40&md5=1b52a8b7fb48e81b60aadcf6f3c17a6c	Springer Science and Business Media Deutschland GmbH



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623	Santra, S.S.; Baleanu, D.; Khedher, K.M.; Moaz, O.	First-order impulsive differential systems: sufficient and necessary conditions for oscillatory or asymptotic behavior	2021	Advances in Difference Equations	10.1186/s13662-021-03446-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107500526&doi=10.1186%2Fs13662-021-03446-1&partnerID=40&md5=a3ac42d6a262883c9f6428583e039d03	Springer Science and Business Media Deutschland GmbH
624	Dutta, T.; Baildya, N.; Khan, A.A.; Ghosh, N.N.	Inhibitory effect of anti-HIV compounds extracted from Indian medicinal plants to retard the replication and transcription process of SARS-CoV-2: an insight from molecular docking and MD-simulation studies	2021	Network Modeling Analysis in Health Informatics and Bioinformatics	10.1007/s13721-021-00309-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104957108&doi=10.1007%2Fs13721-021-00309-3&partnerID=40&md5=d721f504ddbc20047d5d2d2e7cce7e75	Springer
625	Pal, M.; Maity, N.P.; Baishya, S.; Maity, R.	Performance Analysis of Nano-Electro-Mechanical-System Ultrasonic Sensor with Fringing Field Effects	2021	Transactions on Electrical and Electronic Materials	10.1007/s42341-021-00297-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102295926&doi=10.1007%2Fs42341-021-00297-1&partnerID=40&md5=b1af5ef459c6af50bda93caa96c6cad7	Korean Institute of Electrical and Electronic Material Engineers



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626	Roy, D.; Ghosh, S.	An experimental study on the effect of various stack materials on thermoacoustic refrigeration effect	2021	Journal of Physics: Conference Series	10.1088/1742-6596/2070/1/012220	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85120422683&doi=10.1088%2F1742-6596%2F2070%2F1%2F012220&partnerID=40&md5=850b45f9bd4488bef0ec8d2e23a83d3b	IOP Publishing Ltd
627	Muthamilarasi, C.; Santra, S.S.; Balasubramanian, G.; Govindan, V.; el-Nabulsi, R.A.; Khedher, K.M.	The stability analysis of a-quartic functional equation	2021	Mathematics	10.3390/math9222881	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119145599&doi=10.3390%2Fmath9222881&partnerID=40&md5=c642eb39418ad93accfb74bbfe6629b4	MDPI
628	Balasundaram, H.; Sathyamoorthi, S.; Santra, S.S.; Ali, R.; Govindan, V.; Dreglea, A.; Noeiaghdam, S.	Effect of ventricular elasticity due to congenital hydrocephalus	2021	Symmetry	10.3390/sym13112087	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118920936&doi=10.3390%2Fsym13112087&partnerID=40&md5=2b8ca37ef685d18811359a784945d518	MDPI
629	Santra, S.S.; Alotaibi, H.; Noeiaghdam, S.; Sidorov, D.	On nonlinear forced impulsive differential equations under canonical and non-canonical conditions	2021	Symmetry	10.3390/sym13112066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118920157&doi=10.3390%2Fsym13112066&partnerID=40&md5=07214b143bf0caf51c0f4ed4dc33cb9e	MDPI



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630	Thiyagarajan, T; Sathyamoorthi, S.; Santra, S.S.; Ali, R.; Govindan, V.; Noeiaghdam, S.; Nieto, J.J.	Free and forced convective flow in pleural fluid with effect of injection between different permeable regions	2021	Coatings	10.3390 /coatings11111 313	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85118363014&doi=10.3390%2Fcoatings11111313&partnerID=40&md5=8908a756d8ac7cb69353bad23a181b8b	MDPI
631	Tripathy, A.K.; Santra, S.S.	On Forced Impulsive Oscillatory Nonlinear Neutral Systems of the Second Order	2021	Journal of Mathematical Sciences (United States)	10.1007 /s10958-021- 05576-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85116848310&doi=10.1007%2Fs10958-021-05576-z&partnerID=40&md5=dda4dff5839cbf427f2891bfc04fc83	Springer
632	Barik, R.; Naskar, M.N. B.J.; Mallik, S.	COVID-19 detection system using cellular automata-based segmentation techniques	2021		10.1002 /978111981871 7.ch17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85148057848&doi=10.1002%2F9781119818717.ch17&partnerID=40&md5=66ca041f5270ae51fae6b7916be3839d	Wiley Blackwell
633	Ghosal, S.; Nath, S.; Bandyopadhyay, A.; Sen, S.; Jana, D.	Tetragonal Silicene and Germanene Quantum Dots: Candidates for Enhanced Nonlinear Optical and Photocatalytic Activity	2021	Journal of Physical Chemistry C	10.1021/acs. jpcc.1c06583	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117233041&doi=10.1021%2Facs.jpcc.1c06583&partnerID=40&md5=fe53ad0fbce92e5239cfec37af5ec76	American Chemical Society



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634	Pal, M.; Lalengkima, C.; Maity, R.; Baishya, S.; Maity, N.P.	Effects of fringing capacitances and electrode's finiteness in improved SiC membrane based micromachined ultrasonic transducers	2021	Microsystem Technologies	10.1007/s00542-020-05135-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098724152&doi=10.1007%2Fs00542-020-05135-7&partnerID=40&md5=df178ae3bb0b2d24ca10c296306a2b47	Springer Science and Business Media Deutschland GmbH
635	Pradhan, P.; Mitra, P.; Chowdhuri, S.; Neogi, B.; Ghosh, S.S.	Postpandemic EdTech (educational technology) on perspectives of green society	2021		10.1007/978-3-030-73295-0_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85165083925&doi=10.1007%2F978-3-030-73295-0_3&partnerID=40&md5=7e9bca45c0ad6245d00b30414affff6c	Springer International Publishing
636	Bhowmick, R.; Koley, S.; Chattopadhyaya, M.; Sen, S.	G-C4N3-graphene-g-C4N3: A useful spin thermoelectric material	2021	Journal of Physics and Chemistry of Solids	10.1016/j.jpcs.2021.110186	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106499374&doi=10.1016%2Fj.jpcs.2021.110186&partnerID=40&md5=65779f7d6b4f221af9e84bde4ca36668	Elsevier Ltd



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637	Barik, R.; Naskar, M.N. B.J.; Chowdhury, S.; Pal, S.	Cancer Detection using Cellular Automata based Segmentation Techniques	2021		10.1109 /ASIANCON51346. 2021.9544514	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85117595857&doi=10.1109%2FASIANCON51346.2021.9544514&partnerID=40&md5=04820c91a14448aa12e764e0ee08bd91	Institute of Electrical and Electronics Engineers Inc.
638	Haldar, S.; Majumder, A.; Santra, S.S.; Neogi, B.; Sarkar, P.	Industry linked curriculum enrichment system towards the improvement of employability	2021	Journal of Engineering Education Transformations	10.16920 /jeet/2021/v35i0/167028	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85119256734&doi=10.16920%2Fjeet%2F2021%2Fv35i0%2F167028&partnerID=40&md5=618ef8e397382a1f866d3fe6d4da58c4	Rajarambapu Institute Of Technology
639	Bhowmick, R.; Chattopadhyaya, M.; Sen, S.	Evidence of Critical Tunnelling Width in Ensuring Spin Polarized Asymmetric Negative Differential Resistance Feature in Two-Dimensional g-C4N3-graphene-g-C4N3	2021	ChemistrySelect	10.1002/slct. 202101583	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111654028&doi=10.1002%2Fslct.202101583&partnerID=40&md5=98bda24ccdc2a31c6394d3d0f4fc1f6e	John Wiley and Sons Inc
640	Moazz, O.; Muhib, A.; Santra, S.S.	An oscillation test for solutions of second-order neutral differential equations of mixed type	2021	Mathematics	10.3390 /math9141634	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111057096&doi=10.3390%2Fmath9141634&partnerID=40&md5=6dac3cd960745a363a5de591a00cfd9e	MDPI AG



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641	Patra, A.; Saha, A.; Bhattacharya, K.	High-resolution image multiplexing using amplitude grating for remote sensing applications	2021	Optical Engineering	10.1117/1.OE.60.7.073104	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85112764370&doi=10.1117%2F1.OE.60.7.073104&partnerID=40&md5=d21f386116a5afd23378d827d92b9510	SPIE
642	Santra, S.S.; Victor, P.; Chandramouleeswaran, M.; el-Nabulsi, R.A.; Khedher, K.M.; Govindan, V.	Connectivity of semiring valued graphs	2021	Symmetry	10.3390/sym13071227	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85110826068&doi=10.3390%2Fsym13071227&partnerID=40&md5=30cae9c48b1c94216b5e7510e3a50370	MDPI AG
643	Biswas, A.; Chowdhury, N.; Bagchi, A.	Structural Characterization of the Hidden Peptide SHPRH-146aa Encoded by Non-Coding circ-SHPRH to Act as Tumor Suppressor	2021	Applied Biochemistry and Biotechnology	10.1007/s12010-021-03520-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100825072&doi=10.1007%2Fs12010-021-03520-0&partnerID=40&md5=072ba77d2b6848f8bdab2e65680d6470	Springer
644	Chakraborty, S.; Chakraborty, M.; Das, S.	Second order experimental statistics of rain attenuation at Ka band in a tropical location	2021	Advances in Space Research	10.1016/j.asr.2021.02.033	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103100726&doi=10.1016%2Fj.asr.2021.02.033&partnerID=40&md5=386c6818c73d24f92454546af55839b7	Elsevier Ltd



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645	Mandal, M.; Chowdhury, S.K.; Khan, A.A.; Baildya, N.; Dutta, T.; Misra, D.; Ghosh, N. N.	Inhibitory efficacy of RNA virus drugs against SARS-CoV-2 proteins: An extensive study	2021	Journal of Molecular Structure	10.1016/j.molstruc.2021.130152	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102074470&doi=10.1016%2Fj.molstruc.2021.130152&partnerID=40&md5=be727ce8cbdd9f1900a1d4c8db7c4d02	Elsevier B.V.
646	Santra, S.S.; el-Nabulsi, R.A.; Khedher, K.M.	Oscillation of second-order differential equations with multiple and mixed delays under a canonical operator	2021	Mathematics	10.3390/math9121323	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108861592&doi=10.3390%2Fmath9121323&partnerID=40&md5=7ce2f02c7fd73d9c9cd3672de6f83366	MDPI AG
647	Pal, S.; Kadhim, M.H.; Mardukhi, F.; Sarkar, B.; Ray, M.	A heuristic analysis to minimize average task unit completion time and average waiting time in cloud computing environment	2021	Journal of Engineering Science and Technology		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85113818894&partnerID=40&md5=50b935e5f87f29f6b2eb61800fdfd20c	Taylor's University
648	Santra, S.S.; Khedher, K.M.; Nonlaopon, K.; Ahmad, H.	New results on qualitative behavior of second order nonlinear neutral impulsive differential systems with canonical and non-canonical conditions	2021	Symmetry	10.3390/sym13060934	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107487601&doi=10.3390%2Fsym13060934&partnerID=40&md5=3f3d4171e56fdbfc77637f972a39d52e	MDPI AG



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649	Santra, S.S.; Bazighifan, O.; Postolache, M.	New conditions for the oscillation of second-order differential equations with sublinear neutral terms	2021	Mathematics	10.3390/math9111159	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107204580&doi=10.3390%2Fmath9111159&partnerID=40&md5=6dc22436a935715599b321a8e8632014	MDPI AG
650	Koley, S.; Bhowmick, R.; Sen, S.; Chakrabarti, S.	Spin polarized thermoelectric feature of graphitic carbon nitride nanoribbon: An in-silico study	2021	Journal of Physics and Chemistry of Solids	10.1016/j.jpics.2021.110009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102304048&doi=10.1016%2Fj.jpics.2021.110009&partnerID=40&md5=b433e7df295a2ce494aed1f15d6e3d34	Elsevier Ltd
651	Nath, S.; Bandyopadhyay, A.; Sen, S.; Jana, D.	First principles investigation of structural, electronic and optical properties of synthesized radiaannulene oligomers for 6,6,12-graphyne	2021	Journal of Physics and Chemistry of Solids	10.1016/j.jpics.2021.109990	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101581096&doi=10.1016%2Fj.jpics.2021.109990&partnerID=40&md5=6c61b3e58ce57158e323da13047f585c	Elsevier Ltd
652	Chakraborty, S.; Chakraborty, M.; Das, S.	Experimental Studies of Slant-Path Rain Attenuation over Tropical and Equatorial Regions: A Brief Review	2021	IEEE Antennas and Propagation Magazine	10.1109/MAP.2020.2976911	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082532089&doi=10.1109%2FMAP.2020.2976911&partnerID=40&md5=705640970a68ccffaf238f50c9788767	IEEE Computer Society



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653	Santra, S.S.; Sethi, A.K.; Moaaz, O.; Khedher, K. M.; Yao, S.-W.	New oscillation theorems for second-order differential equations with canonical and non-canonical operator via riccati transformation	2021	Mathematics	10.3390/math9101111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85106632138&doi=10.3390/math9101111&partnerID=40&md5=a655a9482795fe5efa781ce4bb183b9a	MDPI AG
654	Santra, S.S.; Khedher, K.M.; Yao, S.-W.	New aspects for oscillation of differential systems with mixed delays and impulses	2021	Symmetry	10.3390/sym13050780	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105617121&doi=10.3390/sym13050780&partnerID=40&md5=2df3b5a9f378f6a8dc908ecaa9180527	MDPI AG
655	Seb Rengma, T.S.; Sengupta, A.R.; Basumatary, M.; Biswas, A.; Bhanja, D.	Performance analysis of a two bladed Savonius water turbine cluster for perennial river-stream application at low water speeds	2021	Journal of the Brazilian Society of Mechanical Sciences and Engineering	10.1007/s40430-021-02982-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104530047&doi=10.1007%2Fs40430-021-02982-x&partnerID=40&md5=bbd53e7767c0d14d1bc20c7ade53d708	Springer Science and Business Media Deutschland GmbH
656	Santra, S.S.; Khedher, K.M.; Moaaz, O.; Muhib, A.; Yao, S.-W.	Second-order impulsive delay differential systems: Necessary and sufficient conditions for oscillatory or asymptotic behavior	2021	Symmetry	10.3390/sym13040722	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105031884&doi=10.3390/sym13040722&partnerID=40&md5=456374698002110556f7a4f582e0b40a	MDPI AG



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657	Baidya, N.; Khan, A.A.; Ghosh, N.N.; Dutta, T.; Chattopadhyay, A.P.	Screening of potential drug from Azadirachta Indica (Neem) extracts for SARS-CoV-2: An insight from molecular docking and MD-simulation studies	2021	Journal of Molecular Structure	10.1016/j.molstruc.2020.129390	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092670179&doi=10.1016%2Fj.molstruc.2020.129390&partnerID=40&md5=1c9d52debdd7e1eb4b91b405df870a8b	Elsevier B.V.
658	Bhattacharjee, S.; Roy, S.; Chakroborty, G.; Ray, U.	Optimization of low frequency noise for dielectric modulated TFET for bio sensing applications	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012025	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102389062&doi=10.1088%2F1742-6596%2F1797%2F1%2F012025&partnerID=40&md5=1b1b97dfac510d902c950b82c0247daf	IOP Publishing Ltd
659	Chakraborty, M.; Debnath, S.; Ghosh, S.	A study during lockdown period based on AQI over Indian mega cities during COVID-19	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012056	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102388843&doi=10.1088%2F1742-6596%2F1797%2F1%2F012056&partnerID=40&md5=c187a4ed4a1c15a7288a5f6927a01248	IOP Publishing Ltd



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660	Mishra, N.; Majumder, A.; Rakshit, P.	Design and analysis of the epidemic novel corona virus	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102388004&doi=10.1088%2F1742-6596%2F1797%2F1%2F012003&partnerID=40&md5=feecd10c4e09983095471a8b72d177da	IOP Publishing Ltd
661	Roy, S.S.; Islam, S.; Mallick, S.	Reverse-transcription spin chain reaction of RNA molecule into DNA molecule	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012038	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102387470&doi=10.1088%2F1742-6596%2F1797%2F1%2F012038&partnerID=40&md5=9416c64782da387a6d575a31061d6abb	IOP Publishing Ltd
662	Biswas, P.; Ghosh, S.; Sarkar, A.; Roy, N.G.	Investigation of deep cryogenic treatment of Steels for medical tooling applications	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012057	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102387159&doi=10.1088%2F1742-6596%2F1797%2F1%2F012057&partnerID=40&md5=54d6476778e355cb4fb866907f81d6ea	IOP Publishing Ltd



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663	Pal, S.; Dey, B.; Chattopadhyay, B.; Samanta, S.; Roy, D.; Roy, T.D.; Chakraborty, S.	Recent developments and future scopes of electrical vehicles in power market on COVID-19 pandemic situation	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012058	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102386710&doi=10.1088%2F1742-6596%2F1797%2F1%2F012058&partnerID=40&md5=ea73872f39d1a11b1ccf27847c3188dd	IOP Publishing Ltd
664	Sasmal, M.; Mula, D.	An enhanced method for information hiding using LSB steganography	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102384546&doi=10.1088%2F1742-6596%2F1797%2F1%2F012015&partnerID=40&md5=2d0f975c3fcc9fa00de72eac789b3404	IOP Publishing Ltd
665	Pal, M.; Ray, R.; Maji, P.; Panja, A.	Remote Patient Monitoring during pandemic caused by COVID-19 using Semantic Web Technologies	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102384330&doi=10.1088%2F1742-6596%2F1797%2F1%2F012023&partnerID=40&md5=f5c2130caf9ee13f03a67b88bf1c3bdd	IOP Publishing Ltd



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666	Roy, A.; Singh, D.; Sahana, S.	Educational assistance bot	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12062	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102382870&doi=10.1088%2F1742-6596%2F1797%2F1%2F012062&partnerID=40&md5=e6183f1b53bc023670d6928f25632b3f	IOP Publishing Ltd
667	Barman, A.; Dutta, T.; Dey, D.	Sustained pacemaker system powered from PIEZOELECTRIC TRANSDUCER	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12037	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102382201&doi=10.1088%2F1742-6596%2F1797%2F1%2F012037&partnerID=40&md5=6685ffad91c83a1b450eb65cf363e86b	IOP Publishing Ltd
668	Samanta, S.; Paul, T.; Mondal, D.; Biswas, J.K.	Biomechanical comparison of a novel dynamic cervical implant with conventional implant: A finite element study	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12041	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102381770&doi=10.1088%2F1742-6596%2F1797%2F1%2F012041&partnerID=40&md5=41f8f4c0fa02c914b36be3503166bed3	IOP Publishing Ltd



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669	Bandyopadhyay, M.; Chakraborty, G.; Roy, S.; Bhattacharjee, S.	Study of Graphene field effect transistor (GFET) for chemical sensing application	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012045	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102381159&doi=10.1088%2F1742-6596%2F1797%2F1%2F012045&partnerID=40&md5=5fe09bf4f1743b34513b19db615676ee	IOP Publishing Ltd
670	Das, S.; Synyal, M.K.; Upadhyay, S.K.; Chatterjee, S.	An intelligent approach for predicting emotion using convolution neural network	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102380794&doi=10.1088%2F1742-6596%2F1797%2F1%2F012014&partnerID=40&md5=96a31cf3e48ebcd8a9a31675d3c7da16	IOP Publishing Ltd
671	Das, P.; Sarkar, R.; Mallik, S.; Majumder, S.; Das, K.; Sen, S.; Biswas, P.	Vidyasetu - A digital disruption in engineering education system in India as an impact of industry 4.0	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012061	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102380204&doi=10.1088%2F1742-6596%2F1797%2F1%2F012061&partnerID=40&md5=dd6e689f56e53a91dc81e05e50497283	IOP Publishing Ltd



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672	DasGupta, S.; Saha, S.; Das, S.K.	SMS spam detection using machine learning	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102378845&doi=10.1088%2F1742-6596%2F1797%2F1%2F012017&partnerID=40&md5=acfc19dfc4fb17258b2177e8a1ca4df2	IOP Publishing Ltd
673	Nath, S.; Debnath, S.; Mukherjee, N.; Mukherjee, S.; Chakraborty, A.; Ghosh, P.	Self sanitizing voice controlled intelligent wheelchair	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102375543&doi=10.1088%2F1742-6596%2F1797%2F1%2F012019&partnerID=40&md5=ba935962e4e3df7b3defdcc881ddf12c	IOP Publishing Ltd
674	Bhowmick, R.; Chattopadhyaya, M.; Chakraborty, J.; Maity, S.; Basu, A.; Koley, S.; Roy, A.; Sen, S.	Atomic chain of carbon atoms: Smallest negative differential resistance device	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102375416&doi=10.1088%2F1742-6596%2F1797%2F1%2F012047&partnerID=40&md5=146fa7452744d8389ebdbcaf05c5a730	IOP Publishing Ltd



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675	Banerjee, A.; Das, M.; Ghosh, A.	AI based online data segregation method under COVID situation	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012028	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102375343&doi=10.1088%2F1742-6596%2F1797%2F1%2F012028&partnerID=40&md5=38d4b7134f05c60bcaa460890afddb0	IOP Publishing Ltd
676	Majumder, A.B.; Gupta, S.; Singh, D.; Majumder, S.	An intelligent system for prediction of COVID-19 case using machine learning framework- logistic regression	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102374491&doi=10.1088%2F1742-6596%2F1797%2F1%2F012011&partnerID=40&md5=d051752202a26249c95f19ded6107c58	IOP Publishing Ltd
677	Bhattacharjee, S.; Barman, A.; Majumder, R.	Impact of asymmetric dielectric on the performance of TFET	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102374270&doi=10.1088%2F1742-6596%2F1797%2F1%2F012024&partnerID=40&md5=690f8387937c4094bc0daf12523a9647	IOP Publishing Ltd



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678	Saha, D.; Mukherjee, I.; Roy, J.; Sarkar, B.; Bhattacharjee, R.	Attendance and attention monitoring – A perspective in digital pedagogy	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102374046&doi=10.1088%2F1742-6596%2F1797%2F1%2F012067&partnerID=40&md5=75aec042e05182f5f97603419ba91bc8	IOP Publishing Ltd
679	Ghosh, T.; Santra, S.S.; Bhattacharjee, R.; Majumder, D.	Second-order nonlinear differential equations: Oscillation tests and applications	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012055	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102373780&doi=10.1088%2F1742-6596%2F1797%2F1%2F012055&partnerID=40&md5=0043cdc1179757b28833cebb96205cdc	IOP Publishing Ltd
680	Das, S.; Dhar, A.; Pal, B.; Biswas, P.; Gayen, P.K.; Majumder, S.	Design and development of IoT based smart security system in COVID19 situation	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012048	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102372527&doi=10.1088%2F1742-6596%2F1797%2F1%2F012048&partnerID=40&md5=fe9fa0f3643419180f097bffffbce46c1	IOP Publishing Ltd



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681	Das, P.; Das, M.; Shaw, S.; Saha, J.; Sarkar, S.; Malakar, S.; Das, K.; Sen, S.; Biswas, P.	Hatey Bazarey – A novel approach to ensure food security in lockdown period through an Android App	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012053	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102371343&doi=10.1088%2F1742-6596%2F1797%2F1%2F012053&partnerID=40&md5=621e5c32cb410e7e359802260eeb7de5	IOP Publishing Ltd
682	Chakraborty, A.; Mukhopadhyay, A.; Sur, A.; Ghosh, S.	Production of cheap hand sanitizer with herbal ingredients	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012036	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102369561&doi=10.1088%2F1742-6596%2F1797%2F1%2F012036&partnerID=40&md5=bcaa794ba805762f38ffe5ed36614f1e	IOP Publishing Ltd
683	Bhunia, P.K.; Mondal, P.; Biswas, P.; Chatterjee, S.	Smart shoe sanitizing device	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102368879&doi=10.1088%2F1742-6596%2F1797%2F1%2F012021&partnerID=40&md5=f30392bbd94f7b67b136841a7514971e	IOP Publishing Ltd



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684	Bag, S.; Sikdar, S.; Ganguly, K.; Banerjee, S.; Lahiri, P.	Effective health screening to prevent infection and control the spreading of COVID-19	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012040	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102364036&doi=10.1088%2F1742-6596%2F1797%2F1%2F012040&partnerID=40&md5=f96cb89af17cc688d0a7553453814344	IOP Publishing Ltd
685	Ray, R.; Pal, M.; Sarkar, D.C.	Design of miniaturized FSS structure using optimization technique based on machine learning	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012034	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102361195&doi=10.1088%2F1742-6596%2F1797%2F1%2F012034&partnerID=40&md5=abf055b2c2192a3dca4d8e7e5d2ced6a	IOP Publishing Ltd
686	Das, S.; Dhar, A.; Das, A.; Gayen, P.K.; Pal, B.; Biswas, P.	Design and development of fire fighting system using hot redundant PLC in COVID situation	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012049	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102361146&doi=10.1088%2F1742-6596%2F1797%2F1%2F012049&partnerID=40&md5=149067c4904ec5979c87a5b12111de68	IOP Publishing Ltd



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687	Majumder, A.B.; Pal, A.; Ojha, A.; Majumder, S.; Sanki, D.	COVID-19 monitoring application for better human life	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012027	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102359525&doi=10.1088%2F1742-6596%2F1797%2F1%2F012027&partnerID=40&md5=3b716f18085e07ac9b1506d71e213e47	IOP Publishing Ltd
688	Dutta, T.; Ghorai, S.; Khan, A.A.; Baildya, N.; Ghosh, N.N.	Screening of potential anti-HIV compounds from Achyranthes aspera extracts for SARS-CoV-2: An insight from molecular docking study	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012042	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102357597&doi=10.1088%2F1742-6596%2F1797%2F1%2F012042&partnerID=40&md5=4f34482970881b65c402e1ccb0ca5a90	IOP Publishing Ltd
689	Chowdhury, S.B.; Mahapatra, S.	A study on students' responses on digital teaching methodology under COVID-19 perspectives	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012064	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102356693&doi=10.1088%2F1742-6596%2F1797%2F1%2F012064&partnerID=40&md5=647d21e694e2897c93cc1de5aa2dd9b3	IOP Publishing Ltd



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690	Pal, S.; Chatterjee, S.; Dey, S.; Chowdhuri, S.; Neogi, B.	Mechanism to disinfect money to prevent COVID-19	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102354553&doi=10.1088%2F1742-6596%2F1797%2F1%2F012050&partnerID=40&md5=5f1e80ad74053e5e5ce0a4d3b0ae671f	IOP Publishing Ltd
691	Ganguly, K.; Sikdar, S.; Bag, S.; Dey, I.; Sarkar, S.; Banerjee, S.; Barman, H.; Dey, S.	Real-time compact face- shield with internet of biomedical-things	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12039	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102354136&doi=10.1088%2F1742-6596%2F1797%2F1%2F012039&partnerID=40&md5=614b7f5b9f92b8e48e10117c7d478a91	IOP Publishing Ltd
692	Chatterjee, S.; Pal, S.; Dey, S.; Chowdhuri, S.; Sen, S.; Neogi, B.	Hat alarm system to protect eyes, nose and mouth from corona virus contaminated hand	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12051	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102353855&doi=10.1088%2F1742-6596%2F1797%2F1%2F012051&partnerID=40&md5=6c8b36bfc9ad30062b3b9e9063557058	IOP Publishing Ltd



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693	Rakshit, P; Debnath, S.; Mistri, J.; Kumar, S.	Assessment of prediction models of confirmed, recovered and deceased cases due to COVID-19	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102350135&doi=10.1088%2F1742-6596%2F1797%2F1%2F012004&partnerID=40&md5=0a11a21771327704b0b17045fd09869e	IOP Publishing Ltd
694	Dam, M.; Majumder, D.; Bhattacharjee, R.; Santra, S.S.	Performance measurement model for ranking of educational institutes: A fuzzy reasoning approach	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102350035&doi=10.1088%2F1742-6596%2F1797%2F1%2F012012&partnerID=40&md5=da1665b317392950f731892f4dc7c43e	IOP Publishing Ltd
695	Ghosh, S.; Sarkar, I.; Chowdhury, S.; Dutta, S.; Dey, P.; Majumdar, S.; Ghosh, A.; Sarkar, P.; Sarkar, D.C.	Design and realization of low profile compact wideband monopole printed antenna for C and X band application	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102348026&doi=10.1088%2F1742-6596%2F1797%2F1%2F012030&partnerID=40&md5=77f2f4937f5a427a5862e5e3da2036e0	IOP Publishing Ltd



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696	Bhowmick, R.; Chattopadhyaya, M.; Chakraborty, J.; Chakraborty, B.; Roy, A.; Neogi, B.; Koley, S.; Sen, S.	Can enhancement in tunnelling width influence the final spintronic feature of two-dimensional nanostructure of graphitic carbon nitride- (graphene)- graphitic carbon nitride?	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012046	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102346894&doi=10.1088%2F1742-6596%2F1797%2F1%2F012046&partnerID=40&md5=9b7e18865458a9fc3bb76b6c00f7a03b	IOP Publishing Ltd
697	Sadhu, A.; Raj, Y.; Chatterjee, S.	IOT based corona preventive polycoat with automatic sanitization system	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012043	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102346593&doi=10.1088%2F1742-6596%2F1797%2F1%2F012043&partnerID=40&md5=5b3fdfa0e4956d595eaf9d24db4f32bb	IOP Publishing Ltd
698	Parameswaran Bose, B.; Dey, D.; Sengupta, A.; Mulchandani, N.; Patra, A.	A novel medical image encryption using cyclic coding in COVID-19 pandemic situation	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012035	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102345102&doi=10.1088%2F1742-6596%2F1797%2F1%2F012035&partnerID=40&md5=21893f7c019b68c47f296b71655f57c8	IOP Publishing Ltd



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699	Koley, S.; Srimani, S.; Nandy, D.; Pal, P.; Biswas, S.; Sarkar, I.	Smart pet feeder	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102344191&doi=10.1088%2F1742-6596%2F1797%2F1%2F012018&partnerID=40&md5=c65eb930b87a06fbb89aa1b9a731bc76	IOP Publishing Ltd
700	Mazumder, N.; Dutta, T.; Dutta, P.; Srimani, S.	Addressing global pandemic (COVID 19) – How much testing needed to control the disease effectively	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102344008&doi=10.1088%2F1742-6596%2F1797%2F1%2F012001&partnerID=40&md5=621749bf1b8303476fef87cf76213bff	IOP Publishing Ltd
701	Saha, T.; Das, P.P.; Singh, R.	Challenges in higher education during and after COVID-19 pandemic in India	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012065	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102340398&doi=10.1088%2F1742-6596%2F1797%2F1%2F012065&partnerID=40&md5=fadadfbe5fad0d77763e661fc4f73af0	IOP Publishing Ltd



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702	Barman, A.; Bhattacharya, S.; Majumder, R.	A review on application of ZnO nano particles as biosensors	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12044	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102338361&doi=10.1088%2F1742-6596%2F1797%2F1%2F012044&partnerID=40&md5=3bddcefa4d2a6950e44caba317c6e11e	IOP Publishing Ltd
703	Biswas, P.; Ganguly, K.; Chatterjee, S.	IoT based scanner for corona detection	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102336921&doi=10.1088%2F1742-6596%2F1797%2F1%2F012022&partnerID=40&md5=f4278d0524e99ec7489e7a3a3065121e	IOP Publishing Ltd
704	Saha, D.; Mukherjee, I.; Roy, J.; Chatterjee, S.	"We Care": An IOT enabled tracking system for COVID affected patients	2021	Journal of Physics: Conference Series	10.1088/1742- 6596/1797/1/0 12020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102334961&doi=10.1088%2F1742-6596%2F1797%2F1%2F012020&partnerID=40&md5=ad19417e6157ab235ce3baa6d3a97a54	IOP Publishing Ltd



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705	Biswas, A.; Ghosh, A.; Kar, A.; Mondal, T.; Ghosh, B.; Bardhan, P. K.	The impact of COVID-19 in the construction sector and its remedial measures	2021	Journal of Physics: Conference Series	10.1088/1742-6596/1797/1/012054	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102334708&doi=10.1088%2F1742-6596%2F1797%2F1%2F012054&partnerID=40&md5=83982f6aa3a4a2e6f4a4b70c1ab5a4c0	IOP Publishing Ltd
706	Ghosh, S.; Saha, S.K.	Modeling and simulation of subcooled coolant loss through circumferential pipe leakage	2021	Journal of Nuclear Engineering and Radiation Science	10.1115/1.4048477	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85104290661&doi=10.1115%2F1.4048477&partnerID=40&md5=65aaf9e6d95e71a4f8ef8c7d9be35412	American Society of Mechanical Engineers (ASME)
707	Santra, S.S.; Majumder, D.; Bhattacharjee, R.; Bazighifan, O.; Khedher, K.M.; Marin, M.	New theorems for oscillations to differential equations with mixed delays	2021	Symmetry	10.3390/sym13030367	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102437365&doi=10.3390%2Fsym13030367&partnerID=40&md5=cd839f877807f056109c1b6dda4dc6b0	MDPI AG
708	Khan, A.A.; Baildya, N.; Dutta, T.; Ghosh, N.N.	Inhibitory efficiency of potential drugs against SARS-CoV-2 by blocking human angiotensin converting enzyme-2: Virtual screening and molecular dynamics study	2021	Microbial Pathogenesis	10.1016/j.micpath.2021.104762	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100391101&doi=10.1016%2Fj.micpath.2021.104762&partnerID=40&md5=adc370280e27b1bc43d83cf7b434715	Academic Press



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709	DasGupta, S.; Choudhury, S.; Chaki, R.	VADiRSYRem: VANET- Based Diagnosis and Response System for Remote Locality	2021	SN Computer Science	10.1007 /s42979-020- 00430-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129536706&doi=10.1007%2Fs42979-020-00430-6&partnerID=40&md5=b1caf86c3edf6dcedcc503d2165f289f	Springer
710	Gupta, Y.; Iyer, R.; Dommeti, V.K.; Nuțu, E.; Rana, M.; Merdji, A.; Biswas, J.K.; Roy, S.	Design of dental implant using design of experiment and topology optimization: A finite element analysis study	2021	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine	10.1177 /095441192096 7146	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093969501&doi=10.1177%2F0954411920967146&partnerID=40&md5=a589f43986b7ab4ded406a336d6476cf	SAGE Publications Ltd
711	Das, A.; Ghosh, A.; Sahana, S.; Singh, D.; Obaid, A.J.	An Approach to Self- reliant Smart Road Using Piezoelectric Effect and Sensor Nodes	2021	Learning and Analytics in Intelligent Systems	10.1007/978-3- 030-65407-8_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179862749&doi=10.1007%2F978-3-030-65407-8_3&partnerID=40&md5=e279192807a11738a19a0b156559eb8b	Springer Nature



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712	Das, S.; Nandi, D.; Neogi, B.	Movement Analysis of Human Lower Limb Using EMG Sensor for Effective Implementation of Artificial Lower Extremity	2021		10.1007/978-981-16-5324-7_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85159406940&doi=10.1007%2F978-981-16-5324-7_5&partnerID=40&md5=f060ab405f5a6569704a473a33b7cca	Springer Singapore
713	Chatterjee, S.; Bhunia, P.K.; Mondal, P.; Sadhu, A.; Biswas, A.	A Comprehensive Composite of Smart Ambulance Booking and Tracking Systems Using IoT for Digital Services	2021		10.1002/9781119769026.ch14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85141337578&doi=10.1002%2F9781119769026.ch14&partnerID=40&md5=6e6e69c09de09f82ddf8f39b154099dc	wiley
714	Dey, B.	Design of an Embedded System for Remote Monitoring of Malnutrition for People Living in Rural Areas	2021	Studies in Big Data	10.1007/978-981-15-4112-4_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132776018&doi=10.1007%2F978-981-15-4112-4_11&partnerID=40&md5=7a19191415b779093b1224a36cd9dca5	Springer Science and Business Media Deutschland GmbH
715	Banerjee, A.; Singh, D.; Sahana, S.; Nath, I.	Impacts of metaheuristic and swarm intelligence approach in optimization	2021		10.1016/B978-0-323-85117-6.00008-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129830032&doi=10.1016%2FB978-0-323-85117-6.00008-X&partnerID=40&md5=25aa895f09036949e96cd58fd51f6411	Elsevier



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716	Chatterjee, S.; Bhunia, P.K.; Mondal, P.; De, M.	Low-Cost LPG Leakage Detector and Refilling Alert System	2021		10.1109/ComPE53109.2021.9752456	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128923747&doi=10.1109%2FComPE53109.2021.9752456&partnerID=40&md5=99e2f0861ebd6a7ac8425981c9b40dc6	Institute of Electrical and Electronics Engineers Inc.
717	Mitra, D.; Paul, A.; Chatterjee, S.	Machine learning in healthcare	2021		10.4018/978-1-7998-3092-4.ch002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128115434&doi=10.4018%2F978-1-7998-3092-4.ch002&partnerID=40&md5=38279dee794b89d0592c8236818113e5	IGI Global
718	Sikdar, S.; Bag, S.; Ganguly, K.	An overview of the dynamics of telemedicine and robotics for the benefit of mankind	2021		10.1016/B978-0-323-85172-5.00024-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127703416&doi=10.1016%2FB978-0-323-85172-5.00024-1&partnerID=40&md5=b5bedd9189f1a1671c7ee48a2330f8a6	Elsevier



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719	Nath, I.; Biswas, P.; Ganguly, K.; Singh, D.; Islam, S.M.N.; Cuong, T.; Pal, S.	A Heuristic Approach using Block Chain to Fight Novel COVID-19 during an Election	2021		10.1109 /CITISIA53721. 2021.9719897	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127486416&doi=10.1109%2FCITISIA53721.2021.9719897&partnerID=40&md5=971eb66def56a699deb915dcb c3bf65b	Institute of Electrical and Electronics Engineers Inc.
720	Rakshit, P.; Sarkar, S.; Khan, S.; Saha, P.; Bhattacharyya, S.; Dey, N.; Islam, S.M.N.; Pal, S.	Prediction of Forest Fire Using Machine Learning Algorithms: The Search for the Better Algorithm	2021		10.1109 /CITISIA53721. 2021.9719887	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85127466569&doi=10.1109%2FCITISIA53721.2021.9719887&partnerID=40&md5=b87bba8107ad953512894bd1 29ba2856	Institute of Electrical and Electronics Engineers Inc.
721	Pal, B.; Saha, S.	A Novel Soft-switched Single-Switch Flyback Converter with Active Leakage Recovery Network	2021		10.1109 /NPEC52100. 2021.9672487	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85125178589&doi=10.1109%2FNPEC52100.2021.9672487&partnerID=40&md5=ea0599e5e2ff669087761a922 754c3a8	Institute of Electrical and Electronics Engineers Inc.



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722	Ganguly, K.; Sikdar, S.	Insulin Attenuated Estrogen Receptor in Neutrophil Dwindled Synthesis of Maspin in Breast Cancer	2021	Lecture Notes in Bioengineering	10.1007/978-981-33-6915-3_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111869741&doi=10.1007%2F978-981-33-6915-3_16&partnerID=40&md5=fc6eaa1d5e0f363b22f6eb7020c3d2d1	Springer Science and Business Media Deutschland GmbH
723	Barui, S.; Ghosh, M.; Neogi, B.	Modeling of DC Motor-Based Dexterous Arm System Performance Study and Optimization Techniques	2021	Lecture Notes in Bioengineering	10.1007/978-981-33-6915-3_27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111849435&doi=10.1007%2F978-981-33-6915-3_27&partnerID=40&md5=ddf9b9197c6a03629c0f5ca7f50e90fa	Springer Science and Business Media Deutschland GmbH
724	Bhattacharjee, S.	Impact of Asymmetric Spacer on the Performance of Dielectric Modulated TFET Biosensor	2021	Lecture Notes in Bioengineering	10.1007/978-981-33-6915-3_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111795743&doi=10.1007%2F978-981-33-6915-3_10&partnerID=40&md5=3efcb000aa49dea45420c428f6bbe7e5	Springer Science and Business Media Deutschland GmbH



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725	Chowdhury, R.; Sharma, S.; Alam, M.A.; Niharika	Design and Implementation of Cryptographic Technique Employing Intricate Table and Rubik Rotation Algorithm	2021	Lecture Notes in Networks and Systems	10.1007/978- 981-15-9774- 9_79	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85109021580&doi=10.1007%2F978-981-15-9774-9_79&partnerID=40&md5=49801200c44db234e83ce85c7f20a82be	Springer Science and Business Media Deutschland GmbH
726	Dutta, T.; Chaudhuri, H.; Maji, C.	Water Pollution in Damodar River Basin— A Statistical Analysis	2021	Lecture Notes in Civil Engineering	10.1007/978- 981-33-6412- 7_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85105870692&doi=10.1007%2F978-981-33-6412-7_15&partnerID=40&md5=d97033266bad98e50fdd32128b79560	Springer Science and Business Media Deutschland GmbH
727	Tripathy, A.K.; Santra, S.S.	Necessary and sufficient conditions for oscillation of second-order differential equations with nonpositive neutral coefficients	2021	Mathematica Bohemica	10.21136/MB. 2020.0063-19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102461730&doi=10.21136%2FMB.2020.0063-19&partnerID=40&md5=c5e70b1ce4f4a83cede370df2fcb2f1	Institute of Mathematics of the Czech Academy of Sciences
728	Majumder, D.; Dam, M.; Bhattacharjee, R.; Santra, S.S.; Saha, R.; Saha, S.	Performance Measurement Model for Wind Power Project Using Mamdani Fuzzy Inference System	2021	Lecture Notes in Networks and Systems	10.1007/978- 981-33-4084- 8_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102389849&doi=10.1007%2F978-981-33-4084-8_24&partnerID=40&md5=f103d61888c75b97890b1d985ba44114	Springer Science and Business Media Deutschland GmbH



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729	Das, S.; Nandi, D.; Neogi, B.	System Stability Performance Analysis on an Artificial Lower Limb	2021	Lecture Notes in Networks and Systems	10.1007/978-981-15-8366-7_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101594484&doi=10.1007%2F978-981-15-8366-7_8&partnerID=40&md5=2e7ddcdbffdd24c614fa766e25671aa2	Springer Science and Business Media Deutschland GmbH
730	Sarkar, D.; Sengupta, A. R.; Bhadra, P.; Alam, S.; Debnath, B.	Review of the Hybrid H-Savonius Rotor's Design and Performance	2021	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-7711-6_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101289918&doi=10.1007%2F978-981-15-7711-6_4&partnerID=40&md5=48584669bb69af8c83d8f87c35802da9	Springer Science and Business Media Deutschland GmbH
731	Kumar, Y.; Sengupta, A. R.; Biswas, A.; Mazarbhuiya, H.M.S.M.; Gupta, R.	CFD Analysis of the Performance of an H-Darrieus Wind Turbine Having Cavity Blades	2021	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-7711-6_70	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101280300&doi=10.1007%2F978-981-15-7711-6_70&partnerID=40&md5=a9d13e1b50a0a664ea2acaaf5d81e4fe	Springer Science and Business Media Deutschland GmbH



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732	Chowdhury, R.; Kumari, S.; Kumar, S.	Project Management Method-Based Cryptographic Algorithm Employing IC Engine Transmission Ratio and Simple Interest Formula	2021	Lecture Notes in Electrical Engineering	10.1007/978-981-15-8297-4_57	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101220467&doi=10.1007%2F978-981-15-8297-4_57&partnerID=40&md5=4b52c6b06b33d8551338b20f2f40a5b7	Springer Science and Business Media Deutschland GmbH
733	Bhattacharjee, S.; Banerjee, A.; Rakshit, A.; Bhattacharyya, S.; Chowdhuri, S.; Sarkar, B.; Neogi, B.	Dynamics of cardiovascular muscle using a non-linear symmetric oscillator	2021	Symmetry	10.3390/sym13010151	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099748231&doi=10.3390%2Fsym13010151&partnerID=40&md5=f53ed1d5b31c909e394d40d16dcb22b9	MDPI AG
734	Rakshit, P.; Ganguly, S.; Pal, S.; Aly, A.A.; Le, D.-N.	Securing technique using pattern-based LSB audio steganography and intensity-based visual cryptography	2021	Computers, Materials and Continua	10.32604/cmc.2021.014293	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099399449&doi=10.32604%2Fcmc.2021.014293&partnerID=40&md5=592dc293bd877dc945f1842f359a9256	Tech Science Press
735	Singh, D.	A new bio-inspired social spider algorithm	2021	International Journal of Applied Metaheuristic Computing	10.4018/IJAMC.2021010105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097938588&doi=10.4018%2FIJAMC.2021010105&partnerID=40&md5=24b7ef63ac16bdb e7acef8ce32443814	IGI Global



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736	Singh, D.	A new bio-inspired algorithm: Lizard optimisation	2021	International Journal of Computer Aided Engineering and Technology	10.1504/IJCAET.2021.111634	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097659353&doi=10.1504%2FIJCAET.2021.111634&partnerID=40&md5=bee5ba9fc94270e38734d74a5c7946236	Inderscience Publishers
737	Pal, B.; Saha, S.; Biswas, P.	Power Electronics—EV Battery Charging	2021	Green Energy and Technology	10.1007/978-981-15-9251-5_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096914916&doi=10.1007%2F978-981-15-9251-5_4&partnerID=40&md5=e51ceccf5560503b5a13995213ebe97c	Springer Science and Business Media Deutschland GmbH
738	Saha, B.; Bhattacharjee, R.; Majumder, D.	Risk of extinction of species in an ecological system: Estimation and analysis	2021	Lecture Notes in Civil Engineering	10.1007/978-981-15-6887-9_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091289861&doi=10.1007%2F978-981-15-6887-9_5&partnerID=40&md5=47041e0109512567345c4653fbbea90d	Springer Science and Business Media Deutschland GmbH info@springer-sbm.com



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739	Saha, S.; Chaki, R.	A Study on Energy-Efficient Routing Protocols for Wireless Sensor Networks	2021	Advances in Intelligent Systems and Computing	10.1007/978-981-15-5747-7_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089214639&doi=10.1007%2F978-981-15-5747-7_9&partnerID=40&md5=0b471661e26bf14b4c34eb9b246fb1df	Springer Science and Business Media Deutschland GmbH
740	Chowdhury, R.; Kumar, S.	Employment of cryptographic modulus operandi based on trigonometric algorithm and resistor color code	2021	Advances in Intelligent Systems and Computing	10.1007/978-981-15-3383-9_60	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087024550&doi=10.1007%2F978-981-15-3383-9_60&partnerID=40&md5=e8531958c1e2dc9cc8457c0a6efcb65d	Springer
741	Shil, S.; Sen, S.	Cobaltocene-Coupled Cumulene: A Perspective on Chiral Magnet and Spintronics Device Design	2020	Inorganic Chemistry	10.1021/acs.inorgchem.0c01825	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096614530&doi=10.1021%2Facs.inorgchem.0c01825&partnerID=40&md5=31bddeba0b63554f58a721bc69090ef5	American Chemical Society
742	Santra, S.S.; Ghosh, T.; Bazighifan, O.	Explicit criteria for the oscillation of second-order differential equations with several sub-linear neutral coefficients	2020	Advances in Difference Equations	10.1186/s13662-020-03101-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096100442&doi=10.1186%2Fs13662-020-03101-1&partnerID=40&md5=226c7301ce3558e0c381a7eb8f99a155	Springer Science and Business Media Deutschland GmbH



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
743	Santra, S.S.	Necessary and Sufficient Conditions for Oscillation of Solutions to Second-Order Neutral Differential Equations with Impulses	2020	Tatra Mountains Mathematical Publications	10.2478/tmmp-2020-0025	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096044208&doi=10.2478%2Ftmmp-2020-0025&partnerID=40&md5=f176c2163b492f32be5dc67887dcfed1	Sciendo
744	Rana, M.; Roy, S.; Biswas, P.; Biswas, S.K.; Biswas, J.K.	Design and development of a novel expanding flexible rod device (FRD) for stability in the lumbar spine: A finite-element study	2020	International Journal of Artificial Organs	10.1177/0391398820917390	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084834051&doi=10.1177%2F0391398820917390&partnerID=40&md5=fcc0cc911d1bdc565b277ac0c0df370b	SAGE Publications Ltd
745	Ghosh, S.	Sustainability of a power production system	2020	AIP Conference Proceedings	10.1063/5.0024390	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096555805&doi=10.1063%2F5.0024390&partnerID=40&md5=c72cc5262dc7c247ab1ea9f95913d7df	American Institute of Physics Inc.
746	Koley, S.; Sen, S.; Chakrabarti, S.	Role of molecule-electrode coupling strength in inducing inelastic transmission spectra of Hf@C28	2020	Chemical Physics	10.1016/j.chemphys.2020.110930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088645747&doi=10.1016%2Fj.chemphys.2020.110930&partnerID=40&md5=1157b681197c2ebdbf06f5b3c6d3ea09	Elsevier B.V.



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747	Dutta, T; Chattopadhyay, A.P.; Ghosh, N.N.; Khatua, S.; Acharya, K.; Kundu, S.; Mitra, D.; Das, M.	Biogenic silver nanoparticle synthesis and stabilization for apoptotic activity; insights from experimental and theoretical studies	2020	Chemical Papers	10.1007/s11696-020-01216-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085989186&doi=10.1007%2Fs11696-020-01216-z&partnerID=40&md5=e85bd7185a97171abc72945fa27a388a	Springer
748	Das, S.; Nandi, D.; Neogi, B.; Sarkar, B.	Nonlinear system stability and behavioral analysis for effective implementation of artificial lower limb	2020	Symmetry	10.3390/sym12101727	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093661515&doi=10.3390%2Fsym12101727&partnerID=40&md5=54c14a743fd00ebab9ea89c66f631d9	MDPI AG diversity@mdpi.com
749	Das, S.; Chakraborty, M.; Chakraborty, S.; Shukla, A.; Acharya, R.	Experimental studies of Ka Band Rain Fade Slope at a Tropical Location of India	2020	Advances in Space Research	10.1016/j.asr.2020.06.014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85087748308&doi=10.1016%2Fj.asr.2020.06.014&partnerID=40&md5=e5492186c89a1ce88eb19532dcebabc	Elsevier Ltd
750	Barman, M.; Dev Choudhury, N.B.	A similarity based hybrid GWO-SVM method of power system load forecasting for regional special event days in anomalous load situations in Assam, India	2020	Sustainable Cities and Society	10.1016/j.scs.2020.102311	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086381952&doi=10.1016%2Fj.scs.2020.102311&partnerID=40&md5=c68e94cc2261161330de4527b5cf258a	Elsevier Ltd



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751	Banerjee, A.; Das, D.K.	A Novel ALU Circuit based on Reversible Logic	2020	Journal of Circuits, Systems and Computers	10.1142/S0218126620501728	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077400259&doi=10.1142%2FS0218126620501728&partnerID=40&md5=1cf97796d9949b03e90d56ded75f9064	World Scientific wspc@wspc.com.sg
752	Jain, V.; Dommeti, V.K.; Nuṭu, E.; Merdji, A.; Biswas, J.K.; Roy, S.	Mechanical response of taper dental implants using finite element analysis	2020	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/912/2/022052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85092004147&doi=10.1088%2F1757-899X%2F912%2F2%2F022052&partnerID=40&md5=82a9eb7739917883bc44703913bba068	IOP Publishing Ltd custserv@iop.org
753	Ghosh, S.; Kundu, P.K.	Realization of RFID-Based DAS Using an RF Transceiver and Huffman Coding	2020	IETE Journal of Research	10.1080/03772063.2018.1516519	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053510340&doi=10.1080%2F03772063.2018.1516519&partnerID=40&md5=582136bf2e8b9e440025ff8502a42c08	Taylor and Francis Ltd. michael.wagreich@univie.ac.at
754	Rana, M.; Biswas, J.K.; Roy, S.; Ghosh, N.; Bhattacharya, S.; Karmakar, S.K.; Chowdhury, A.	Measurement of strain in the rod for lumbar pedicle screw fixation: An experimental and finite element study	2020	Biomedical Physics and Engineering Express	10.1088/2057-1976/abc607	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096892381&doi=10.1088%2F2057-1976%2Fabc607&partnerID=40&md5=45e8140679f622736a3cd85f91f49b68	Institute of Physics



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755	Roy, S.; Nandy Pal, M.; Bhattacharyya, S.; Lahiri, S.	Implementation of an informative website - "covid19 Predictor", Highlighting COVID-19 pandemic situation in India	2020		10.1109 /IEMTRONICS5 1293. 2020.9216352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096351187&doi=10.1109%2FIEMTRONICS51293.2020.9216352&partnerID=40&md5=da1f1121a9521f223195c7f75bafca08	Institute of Electrical and Electronics Engineers Inc.
756	Bazighifan, O.; Ruggieri, M.; Santra, S. S.; Scapellato, A.	Qualitative properties of solutions of second-order neutral differential equations	2020	Symmetry	10.3390 /sym12091520	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090934704&doi=10.3390%2Fsym12091520&partnerID=40&md5=7d3cd2f7905ed563dfcb0d34905b09eb	MDPI AG rasetti@mdpi.com Postfach Basel CH-4005
757	Dutta, T.; Ghosh, N.N.; Das, M.; Adhikary, R.; Mandal, V.; Chattopadhyay, A.P.	Green synthesis of antibacterial and antifungal silver nanoparticles using Citrus limetta peel extract: Experimental and theoretical studies	2020	Journal of Environmental Chemical Engineering	10.1016/j.jece. 2020.104019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089862078&doi=10.1016%2Fj.jece.2020.104019&partnerID=40&md5=40595a9b6208c2c4ae8fa5f98fa2c28c	Elsevier Ltd
758	Jain, P.; Rana, M.; Biswas, J.K.; Khan, M.R.	Biomechanics of spinal implants-a review	2020	Biomedical Physics and Engineering Express	10.1088/2057-1976/ab9dd2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088289841&doi=10.1088%2F2057-1976%2Fab9dd2&partnerID=40&md5=731eafa12ff6d29a866e895b22bdeed5	Institute of Physics



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759	Ray, R.; Pal, M.; Sarkar, D.C.	Modeling of a Compact Frequency Selective Surface with Multiple Resonant Frequencies using Layered Neural Network	2020		10.1109/ICRITO48877.2020.9197813	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093122546&doi=10.1109%2FICRITO48877.2020.9197813&partnerID=40&md5=ee1a723a79578db9ef80ed87e386e0fb	Institute of Electrical and Electronics Engineers Inc.
760	Maji, P.; Pal, M.; Ray, R.; Shil, R.	Image Tampering Issues in Social Media with Proper Detection	2020		10.1109/ICRITO48877.2020.9197780	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85093111483&doi=10.1109%2FICRITO48877.2020.9197780&partnerID=40&md5=a1e632d437fc4efcc2cfb7a00c80b48e	Institute of Electrical and Electronics Engineers Inc.
761	Sengupta, S.; Sarkar, P.; Dastidar, A.	Design of a 4 bit arithmetic logic unit, evaluation of its performance metrics its implementation in a processor	2020		10.1109/INCET49848.2020.9154017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85090593701&doi=10.1109%2FINCET49848.2020.9154017&partnerID=40&md5=b79b9ff10dbf89ae447a88cdb3c288fe	Institute of Electrical and Electronics Engineers Inc.



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762	Barman, A.; De, A.; Das, M.	Stabilization and Dispersion of ZnO Nanoparticles in PVA Matrix	2020	Journal of Inorganic and Organometallic Polymers and Materials	10.1007/s10904-019-01395-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075395763&doi=10.1007%2Fs10904-019-01395-7&partnerID=40&md5=730e39607efc16ba7b79b96b72995c8c	Springer
763	Barman, S.; Kundu, S.; Saha, S.; Das, S.; Sahana, S.	Online examination management system	2020	International Journal of Emerging Technology and Advanced Engineering		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85103502377&partnerID=40&md5=60aacc80ff95369cba877220c554096e	IJETAE Publication House
764	Dutta, T.; Chattopadhyay, A.P.; Mandal, M.; Ghosh, N. N.; Mandal, V.; Das, M.	Facile Green Synthesis of Silver Bionanocomposite with Size Dependent Antibacterial and Synergistic Effects: A Combined Experimental and Theoretical Studies	2020	Journal of Inorganic and Organometallic Polymers and Materials	10.1007/s10904-019-01332-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073935503&doi=10.1007%2Fs10904-019-01332-8&partnerID=40&md5=d144354b90837f9f58496c2906270d07	Springer
765	Santra, S.S.	Necessary and Sufficient Conditions for Oscillation of Second-Order Delay Differential Equations	2020	Tatra Mountains Mathematical Publications	10.2478/tmmp-2020-0009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085763758&doi=10.2478%2Ftmmp-2020-0009&partnerID=40&md5=b60c0029779fa72eee0472748ca6e1a2	E-flow Sciendo macvetrev@fvm.ukim.edu.mk



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766	Santra, S.S.	Necessary and Sufficient Conditions for Oscillatory and Asymptotic Behaviour of Solutions to Second-Order Nonlinear Neutral Differential Equations with Several Delays	2020	Tatra Mountains Mathematical Publications	10.2478/tmmp-2020-0008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085741804&doi=10.2478%2Ftmmp-2020-0008&partnerID=40&md5=bb81ce39243799acbca56091c63eecd	E-flow Sciendo macvetrev@fvm. ukim.edu.mk
767	Bhattacharjee, S.; Biswas, A.	Investigation on noise performance of InAsxSb1-x MOSFETs with compositional variations	2020	Microsystem Technologies	10.1007/s00542-019-04639-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074014256&doi=10.1007%2Fs00542-019-04639-1&partnerID=40&md5=c42ff4803977d586e8ff9efae52b19f6	Springer
768	Patra, A.; Saha, A.; Bhattacharya, K.	Multiplexing and encryption of images using phase grating and random phase mask	2020	Optical Engineering	10.1117/1.OE.59.3.033105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083040130&doi=10.1117%2F1.OE.59.3.033105&partnerID=40&md5=cae555b4ceafd35368841d7b8766f4fe	SPIE spie@spie.org
769	Koley, S.; Sen, S.; Chakrabarti, S.	A Novel Way to Enhance the Thermoelectric Efficiency of Carbon Nanotube through Cobaltocene-decamethyl Cobaltocene Encapsulation	2020	ChemistrySelect	10.1002/slct.201904866	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078827326&doi=10.1002%2Fslct.201904866&partnerID=40&md5=1905142a2f15424942e8c088f6db6ef6	Wiley-Blackwell info@wiley.com



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770	Roy, A.; Bhattacharya, J.; Kundu, S.; Sahana, S.; Singh, D.	Block Steganography Based Secure Key Encryption to Improve Data Security	2020	Learning and Analytics in Intelligent Systems	10.1007/978-3-030-42363-6_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179868573&doi=10.1007%2F978-3-030-42363-6_6&partnerID=40&md5=a3e07a88495520c3ed868f0490c383fc	Springer Nature
771	Lalhungliana; Malakar, B.; Chatterjee, S.	Investigation on the Application of Fuzzy Logic Controller in Unified Power Flow Controller (UPFC)	2020	Learning and Analytics in Intelligent Systems	10.1007/978-3-030-42363-6_52	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179867760&doi=10.1007%2F978-3-030-42363-6_52&partnerID=40&md5=7c3c6b73b6ec6dbb3b012f90fbd07745	Springer Nature
772	Ghatak, A.; Malakar, B.	A Survey on Improving the Solar Efficiency	2020	Learning and Analytics in Intelligent Systems	10.1007/978-3-030-42363-6_64	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85179861538&doi=10.1007%2F978-3-030-42363-6_64&partnerID=40&md5=ed179d3fc96ef6191c9140b9acda4770	Springer Nature



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773	Das, D.; Ahmed, M.A.; Deb, S.	Model for Estimating On-street Parking Demand in Urban CBD	2020	Learning and Analytics in Intelligent Systems	10.1007/978-3-030-42363-6_38	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85174385044&doi=10.1007%2F978-3-030-42363-6_38&partnerID=40&md5=322ca6abd1672b1300a214ab53042b22	Springer Nature
774	Dutta, T.; Majumdar, G.	Advanced Vehicle Systems and Technologies: Economic and Environmental Implications	2020		10.1016/B978-0-12-803581-8.11050-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152849749&doi=10.1016%2FB978-0-12-803581-8.11050-1&partnerID=40&md5=4cdece3836f204e01499093375cdec62	Elsevier
775	Ghosh, S.	Renewability Assessment of a Production System	2020		10.1016/B978-0-12-803581-8.11017-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85152817120&doi=10.1016%2FB978-0-12-803581-8.11017-3&partnerID=40&md5=a49864033e3ea07b7415fa9851090bae	Elsevier



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776	Dutta, T; Bhattacharjee, S.; Chakraborty, J.	Sustainable Carbon Di- Oxide Sequestration Using Photosynthetic Reactions	2020		10.1016/B978- 0-12-803581- 8.11025-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85151170317&doi=10.1016%2FB978-0-12-803581-8.11025-2&partnerID=40&md5=9f62c87f4d6d4ad92340d524914ad163	Elsevier
777	Pattnaik, P.K.; Kumar, R.; Pal, S.; Narayan Panda, S.N.	Preface	2020	Studies in Big Data	10.1147/jrd. 2009.2037682	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132922979&doi=10.1147%2Fjrd.2009.2037682&partnerID=40&md5=2b0e37b9f0c331cacbc20b61ef6f41aa	Springer Science and Business Media Deutschland GmbH
778	Sahana, S.; Singh, D.; Pal, S.; Sarddar, D.	A Design of IoT-Based Agricultural System for Optimal Management	2020	Studies in Big Data	10.1007/978- 981-13-9177- 4_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85132868621&doi=10.1007%2F978-981-13-9177-4_10&partnerID=40&md5=48222460a9582d2a84f4766f0c0a01a7	Springer Science and Business Media Deutschland GmbH



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779	Khan, D.; Ghosh, S.; Saha, S.	Application of the Empirical Mode Decomposition to Detect Fault in Power Electronic Converter	2020	Learning and Analytics in Intelligent Systems	10.1007/978-3-030-42363-6_73	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85129511605&doi=10.1007%2F978-3-030-42363-6_73&partnerID=40&md5=3d54b88131c2854cbeeb98f680ebfdf4	Springer Nature
780	Barman, A.; Neogi, B.; Pal, S.	Solar-Powered Automated IoT-Based Drip Irrigation System	2020	Studies in Big Data	10.1007/978-981-13-9177-4_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85128983940&doi=10.1007%2F978-981-13-9177-4_2&partnerID=40&md5=78e0c6ccd3a4c7f34e5b52a88b7deb15	Springer Science and Business Media Deutschland GmbH
781	Chakraborty, S.; Das, P.; Pal, S.	IoT Foundations and Its Application	2020	Studies in Big Data	10.1007/978-981-13-9177-4_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123607414&doi=10.1007%2F978-981-13-9177-4_3&partnerID=40&md5=7c3c63fd8d7724a809da0789e99591a4	Springer Science and Business Media Deutschland GmbH



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782	Dutta, T.; Pramanik, S.; Kumar, P.	IoT for healthcare industries: A tale of revolution	2020		10.1016/B978-0-12-819664-9.00002-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85111856752&doi=10.1016%2FB978-0-12-819664-9.00002-8&partnerID=40&md5=208e4604d5273347528d071eb1624ac1	Elsevier
783	Patra, A.; Saha, A.; Bhattacharya, K.	Compression and multiplexing of medical images using optical image processing	2020		10.1016/B978-0-12-820604-1.00005-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102336646&doi=10.1016%2FB978-0-12-820604-1.00005-4&partnerID=40&md5=af3b58376f977a2ef65f57341767d4e2	Elsevier
784	Bazighifan, O.; Santra, S.S.	Second-order half-linear delay differential equations: Oscillation tests	2020	Advances in the Theory of Nonlinear Analysis and its Applications	10.31197/atnaa.751034	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85099178481&doi=10.31197%2Fatnaa.751034&partnerID=40&md5=2965d01e53393462c6db1b4b418a354d	Erdal Karapinar
785	Tripathy, A.K.; Santra, S.S.	On oscillatory second order nonlinear impulsive systems of neutral type	2020	Studia Universitatis Babes-Bolyai Mathematica	10.24193/SUBBMATH.2020.4.03	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85098200418&doi=10.24193%2FSUBBMATH.2020.4.03&partnerID=40&md5=7f66c59aaded669d0a351bd3328b8d70	Babes-Bolyai University



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786	Santra, S.S.; Bazighifan, O.; Ahmad, H.; Chu, Y.-M.	Second-Order Differential Equation: Oscillation Theorems and Applications	2020	Mathematical Problems in Engineering	10.1155/2020/8820066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097249417&doi=10.1155%2F2020%2F8820066&partnerID=40&md5=72c116fdc2b0c1bebf40ca56f708be95	Hindawi Limited
787	Karpuz, B.; Santra, S.S.	New criteria for the oscillation and asymptotic behavior of second-order neutral differential equations with several delays	2020	Turkish Journal of Mathematics	10.3906/mat-2006-103	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097242527&doi=10.3906%2Fmat-2006-103&partnerID=40&md5=be23d805e12c8070b3c982c76cb0c7d0	TUBITAK
788	Chakraborty, P.; Neogi, B.; Das, A.	Knowledge Based database of arm-muscle and activity characterization during load pull exercise using Diagnostic Electromyography (D-EMG) Signal.	2020	Cogent Engineering	10.1080/23311916.2020.1849942	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097241390&doi=10.1080%2F23311916.2020.1849942&partnerID=40&md5=f27270b4d502f76a7be8e9cd16fd0101	Cogent OA
789	Santra, S.S.; Alotaibi, H.; Bazighifan, O.	On the qualitative behavior of the solutions to second-order neutral delay differential equations	2020	Journal of Inequalities and Applications	10.1186/s13660-020-02523-5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097227887&doi=10.1186%2Fs13660-020-02523-5&partnerID=40&md5=1ae83bdcaa5f95309e99394072777885	Springer Science and Business Media Deutschland GmbH



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790	Santra, S.S.; Bazighifan, O.; Ahmad, H.; Yao, S.-W.	Second-Order Differential Equation with Multiple Delays: Oscillation Theorems and Applications	2020	Complexity	10.1155/2020/8853745	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85097064655&doi=10.1155%2F2020%2F8853745&partnerID=40&md5=e5e0a603f1755f3544b1b2a749d5aec6	Hindawi Limited
791	Santra, S.S.; Nofal, T.A.; Alotaibi, H.; Bazighifan, O.	Oscillation of Emden-Fowler-type neutral delay differential equations	2020	Axioms	10.3390/axioms9040136	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096454348&doi=10.3390%2Faxioms9040136&partnerID=40&md5=7ee8fb1b10dd97d15c527a5c50906a44	MDPI AG
792	Santra, S.S.; Dassios, I.; Ghosh, T.	On the asymptotic behavior of a class of second-order non-linear neutral differential equations with multiple delays	2020	Axioms	10.3390/axioms9040134	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096453663&doi=10.3390%2Faxioms9040134&partnerID=40&md5=6b361b2d695b23c9c40bfb0f54b6a181	MDPI AG
793	Ghosh, M.; Ghosh, S.; Mukhopadhyay, M.; Neogi, B.	On the formulation and functioning of a micro haptics actuator based unit braille display cell	2020	Micro and Nanosystems	10.2174/1876402912666200129151943	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85094209620&doi=10.2174%2F1876402912666200129151943&partnerID=40&md5=3e5aaff4c9bb32a6be34fa9644a4e7f0	Bentham Science Publishers



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794	Chakraborty, M.; Verma, P.; Chakraborty, S.; Biswas, S.; Singha, S.; Prabha, S.; Das, D.; Saha, S.	Feature extraction of hill rain on the basis of reflectivity-rain rate relationship	2020	Lecture Notes in Electrical Engineering	10.1007/978- 981-15-4932- 8_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089313880&doi=10.1007%2F978-981-15-4932-8_14&partnerID=40&md5=3a4746e880ae8a2429310889ba5183a5	Springer
795	Das, P.; Gupta, S.; Neogi, B.	Measurement of effect of music on human brain and consequent impact on attentiveness and concentration during reading	2020	Procedia Computer Science	10.1016/j.procs. 2020.05.151	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089018815&doi=10.1016%2Fj.procs.2020.05.151&partnerID=40&md5=ae199a3cd03fe84322b243f9c53c089a	Elsevier B.V.
796	Sahana, S.; Mukherjee, T.; Sarddar, D.	A Conceptual Framework Towards Implementing a Cloud- Based Dynamic Load Balancer Using a Weighted Round-Robin Algorithm	2020	International Journal of Cloud Applications and Computing	10.4018/IJCAC. 2020040102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088382177&doi=10.4018%2FIJCAC.2020040102&partnerID=40&md5=e19456c9b45e1da4b5b4d6f402c43b9b	IGI Global
797	Suseendran, G.; Sarkar, B.; Pal, S.; Mahalakshmi, B.; Rohini, K.	An approach towards soil erosion monitoring system using satellite images through data mining and pattern mining techniques	2020	Journal of Critical Reviews	10.31838/jcr. 07.07.131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084977776&doi=10.31838%2Fjcr.07.07.131&partnerID=40&md5=06562162460f4d7d7c0c2099487c7408	Innovare Academics Sciences Pvt. Ltd editor@ajpcr. com



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798	Biswas, R.; Pal, S.; Sarkar, B.; Chakrabarty, A.	Health-care paradigm and classification in IoT ecosystem using big data analytics: An analytical survey	2020	Advances in Intelligent Systems and Computing	10.1007/978-981-15-2780-7_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084192477&doi=10.1007%2F978-981-15-2780-7_30&partnerID=40&md5=ec5d4069df94ba2ac56c3e5c6bbe9a09	Springer
799	Singh, D.; Sahana, S.; Pal, S.; Nath, I.; Bhattacharyya, S.	Assessment of the heart disease using soft computing methodology	2020	Advances in Intelligent Systems and Computing	10.1007/978-981-15-2780-7_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084187422&doi=10.1007%2F978-981-15-2780-7_1&partnerID=40&md5=511d25ce2cedf1f1bf9ad49cb94fc456	Springer
800	Cuong, N.H.H.; Pal, S.; Bhattacharyya, S.; Dien, N.T.T.; Thang, D.	Technical solutions to build technology infrastructure for applications in smart agricultural models	2020	Advances in Intelligent Systems and Computing	10.1007/978-981-15-2780-7_21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084179684&doi=10.1007%2F978-981-15-2780-7_21&partnerID=40&md5=2f64d18c68d1e5d35561f5fe6b0832d4	Springer



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801	Majumder, D.; Bhattacharjee, R.; Dam, M.	Fuzzy supply chain performance measurement model based on SCOR 12.0	2020	Advances in Intelligent Systems and Computing	10.1007/978- 981-15-2780- 7_116	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084176457&doi=10.1007%2F978-981-15-2780-7_116&partnerID=40&md5=f41dead35bbad5e8cf06fe85113d2c3e	Springer
802	Majumdar, S.; Sarkar, B.	Developing a smart and sustainable transportation plan for a large-sized city: An approach to smart city modeling	2020	Advances in Intelligent Systems and Computing	10.1007/978- 981-15-2780- 7_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084175999&doi=10.1007%2F978-981-15-2780-7_18&partnerID=40&md5=7e3c0d3df7347784cf08cd278c0c248c	Springer
803	Mandal, P.; Nath, I.; Gupta, N.; Jha, M.K.; Ganguly, D.G.; Pal, S.	Automatic music genre detection using artificial neural networks	2020	Advances in Intelligent Systems and Computing	10.1007/978- 981-15-2780- 7_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084175044&doi=10.1007%2F978-981-15-2780-7_3&partnerID=40&md5=7ddab2258ae0cfa056e1da4de4dc43c90	Springer



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804	Singh, D.; Sahana, S.; Pal, S.; Nath, I.; Bhattacharyya, S.; Chakraborty, S.	The reasons for rail accident in India using the concept of statistical methods: An analytical approach	2020	Advances in Intelligent Systems and Computing	10.1007/978-981-15-2780-7_2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084171583&doi=10.1007%2F978-981-15-2780-7_2&partnerID=40&md5=b58f7801f29a52ac8c7ef275e91a91c6	Springer
805	Biswas, R.; Pal, S.; Cuong, N.H.H.; Chakrabarty, A.	A novel IoT-based approach towards diabetes prediction using big data	2020	Advances in Intelligent Systems and Computing	10.1007/978-981-15-2780-7_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084171116&doi=10.1007%2F978-981-15-2780-7_20&partnerID=40&md5=e7937ac3fc2e6e58fa62d846bcea7d0e	Springer
806	Majumder, A.; Ekbal, A.; Naskar, S.K.	Bio-molecular event trigger extraction by word sense disambiguation based on supervised machine learning using wordnet-based data decomposition and feature selection	2020	Advances in Intelligent Systems and Computing	10.1007/978-981-15-2188-1_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084114065&doi=10.1007%2F978-981-15-2188-1_31&partnerID=40&md5=866e91e9791b4762c7c7cfbc6d640bf1	Springer
807	Pal, S.; Bhattacharyya, S.; Doss, S.; Akila, D.; Suseendran, G.	Hyperspectral and multispectral image fusion using NSCT and FDCT methods	2020	Journal of Critical Reviews	10.31838/jcr.07.05.131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083677801&doi=10.31838%2Fjcr.07.05.131&partnerID=40&md5=f9d0ef2aa503e8b7298ca50792068d2e	Innovare Academics Sciences Pvt. Ltd editor@ajpcr.com



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808	Biswas, J.K.; Dey, S.; Karmakar, S.K.; Chowdhury, A.; Datta, S.	Design of patient specific spinal implant (Pedicule screw fixation) using FE analysis and soft computing techniques	2020	Current Medical Imaging	10.2174/1573405614666181018122538	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083089896&doi=10.2174%2F1573405614666181018122538&partnerID=40&md5=6a7b3a1ec2d4010887f90c64dcf8a367	Bentham Science Publishers P.O. Box 294 Bussum 1400 AG
809	Giri, B.C.; Bhattacharjee, R.; Maiti, T.	Optimal Pricing Strategy in a Two-Echelon Supply Chain with Admissible Advanced and Delayed Payments	2020	Springer Proceedings in Mathematics and Statistics	10.1007/978-981-15-0422-8_25	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082308033&doi=10.1007%2F978-981-15-0422-8_25&partnerID=40&md5=425259434875dcd0c901090ec6347acc	Springer
810	Roy, S.S.	Topological Configuration in the Heisenberg Spin Sequence and DNA	2020	Springer Proceedings in Mathematics and Statistics	10.1007/978-981-15-0422-8_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082300571&doi=10.1007%2F978-981-15-0422-8_18&partnerID=40&md5=47f63536ddbfb7c4a8ab9e14886391b	Springer



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811	Sikdar, S.; Guha, S.	Advancements of healthcare technologies: Paradigm towards smart healthcare systems	2020	Advances in Intelligent Systems and Computing	10.1007/978-981-15-2740-1_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081594207&doi=10.1007%2F978-981-15-2740-1_9&partnerID=40&md5=4e40d53028edaf45d6e0b196a7f04bb3	Springer
812	Mandal, I.; Paul, T.; Doloi, B.	Optimization of Process Parameters on Abrasive Jet Machining of Ceramic	2020	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-1307-7_54	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079143292&doi=10.1007%2F978-981-15-1307-7_54&partnerID=40&md5=37477e51cf37e9463d2c4ebce182eec6	Springer Science and Business Media Deutschland GmbH
813	Bose, S.; Patra, S.; Kundu, A.; Bardhan, P. K.	Parametric Optimization of Process Parameters in WEDM of AISI 316 Stainless Steel	2020	Lecture Notes in Mechanical Engineering	10.1007/978-981-15-0124-1_56	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079129484&doi=10.1007%2F978-981-15-0124-1_56&partnerID=40&md5=901230110e4ae3d1477a60a668a1fb9b	Springer Science and Business Media Deutschland GmbH



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814	Rana, M.; Biswas, J.K.; Roy, S.; Biswas, P.; Karmakar, S.K.; Chowdhury, A.	Motion analysis of lumbar vertebrae for different rod materials and flexible rod device – An experimental and finite element study	2020	Biocybernetics and Biomedical Engineering	10.1016/j.bbe.2020.01.005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078208951&doi=10.1016%2Fj.bbe.2020.01.005&partnerID=40&md5=faa9569d2364627695fce9ca4d3ebdd2	Elsevier Sp. z o.o.
815	Nath, I.; Dey, V.; Halder, J.; Chatterjee, M.; Bhattacharya, U.	Minimizing Cost of Regeneration at Regeneration Sites-A New Approach for Dynamic Lightpath Establishment in Translucent Optical Networks	2020	IEEE Access	10.1109/ACCESS.2019.2960800	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078194177&doi=10.1109%2FACCESS.2019.2960800&partnerID=40&md5=2e49133281dc227d64b6e7a0b91d67fa	Institute of Electrical and Electronics Engineers Inc.
816	Mukherjee, T.; Sahana, S.; Sarddar, D.	A Noble Approach Toward Security Implementation in Cloud Virtualization Framework	2020	Lecture Notes in Electrical Engineering	10.1007/978-981-15-0829-5_52	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077494432&doi=10.1007%2F978-981-15-0829-5_52&partnerID=40&md5=3b523800f4397003f6bc6a5d5a8c7a4b	Springer



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817	Patra, A.; Bandyopadhyay, S.; Chakraborty, D.; Saha, A.	A Novel Approach to Compression of Satellite Images Using Butterworth Filtering	2020	Lecture Notes in Networks and Systems	10.1007/978-981-32-9453-0_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073563120&doi=10.1007%2F978-981-32-9453-0_18&partnerID=40&md5=27a3ae764d38a2c4570fe46cb86522b5	Springer
818	Banerjee, A.; Das, D.K.	Arithmetic circuits using reversible logic: A survey report	2020	Advances in Intelligent Systems and Computing	10.1007/978-981-13-8962-7_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071497026&doi=10.1007%2F978-981-13-8962-7_8&partnerID=40&md5=a3db65d684b7b2c45ffa3481b21bfed8	Springer Verlag service@springer.de
819	Das, P.; Neogi, B.; Chandra, A.; Dey, A.	Unvoiced speech recognition using dynamic analysis of EMG signal	2020	Lecture Notes in Electrical Engineering	10.1007/978-981-13-8687-9_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070018561&doi=10.1007%2F978-981-13-8687-9_20&partnerID=40&md5=31446a8940fb08ce70529f3448218746	Springer Verlag service@springer.de



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820	Das, P.; Bera, P.S.; Biswas, P.	Bat-algorithm-based transmission expansion planning	2020	Lecture Notes in Electrical Engineering	10.1007/978- 981-13-8687- 9_5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070009861&doi=10.1007%2F978-981-13-8687-9_5&partnerID=40&md5=2e804eec8fc53a9a9b9626f942ef7682	Springer Verlag service@springe r.de
821	Talukdar, P.; Nayak, S. K.; Biswal, D.; Dey, A.; Pal, K.	Analysis of heart rate variability to understand the immediate effect of smoking on the autonomic nervous system activity	2020	Lecture Notes in Electrical Engineering	10.1007/978- 981-13-8687- 9_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070006405&doi=10.1007%2F978-981-13-8687-9_15&partnerID=40&md5=598d5be690a9388ae005667569b180fb	Springer Verlag service@springe r.de
822	Dutta, T.; Barman, A.; Majumdar, G.	Green and Sustainable Manufacturing of Metallic, Ceramic and Composite Materials	2020		10.1016/B978- 0-12-803581- 8.11023-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068460694&doi=10.1016%2FB978-0-12-803581-8.11023-9&partnerID=40&md5=de3957ad1b67ecd2d3ab8ee68258148	Elsevier



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823	Das, S.; Sanyal, M.K.; Datta, D.	Artificial intelligent reliable doctor (AIRDr.): Prospect of disease prediction using reliability	2020	Studies in Computational Intelligence	10.1007/978-981-13-7334-3_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065294180&doi=10.1007%2F978-981-13-7334-3_3&partnerID=40&md5=953250fd71d5149e5c0805690b885ff8	Springer Verlag service@springer.de
824	Suri, J.S.; Ganguly, K.; Sikdar, S.	An artificial blood vessel and its controlling aspects-I	2020		10.1088/978-0-7503-2088-7ch12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105022334409&doi=10.1088%2F978-0-7503-2088-7ch12&partnerID=40&md5=c702e666d9d587c940f83c65c3cf1009	Institute of Physics Publishing
825	Sahana, S.; Singh, D.; Rakshit, P.	Efficacy of Big Data Application in Smart Cities	2020		10.1002/9781119640554.ch10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105005683452&doi=10.1002%2F9781119640554.ch10&partnerID=40&md5=0559129670d742d11ce624427d38035c	wiley
826	Chowdhury, R.; Poddar, K.K.; Alam, M. A.; Kumar, S.; Ahmed, N.; Som, M.	Design and Implementation of Portable Healthcare Chair (PHC) Based on Ergonomics	2019		10.1109/IC3146837.2019.9055655	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083568864&doi=10.1109%2FIC3146837.2019.9055655&partnerID=40&md5=e69164308fe841f979ef5854c263365c	Institute of Electrical and Electronics Engineers Inc.



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827	Biswas, J.K.; Roy, S.; Rana, M.; Halder, S.	A comparison of rigid, semi-rigid and flexible spinal stabilization devices: A finite element study	2019	Proceedings of the Institution of Mechanical Engineers, Part H: Journal of Engineering in Medicine	10.1177/0954411919880694	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074345167&doi=10.1177%2F0954411919880694&partnerID=40&md5=f3fc63fb4ee4ea2ebae05ec19ffead11	SAGE Publications Ltd info@sagepub.co.uk
828	Pal, M.; Maity, N.P.; Maity, R.	An improved displacement model for micro-electro-mechanical-system based ultrasonic transducer	2019	Microsystem Technologies	10.1007/s00542-019-04387-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062718243&doi=10.1007%2Fs00542-019-04387-2&partnerID=40&md5=f8f4e576f6e16d2c34b672873f9afe46	Springer Verlag service@springer.de
829	Ganguly, K.	Overview of the internal physiological system of the human body	2019		10.1007/978-981-13-7142-4_1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85089038433&doi=10.1007%2F978-981-13-7142-4_1&partnerID=40&md5=7c01bd84f7879cafc4a84cf4d6c3d658f	Springer Singapore
830	Das, S.; Sanyal, M.K.; Mondal, D.; Maji, K.; Gupta, A.K.	Application of ai and soft computing in healthcare: A review and speculation	2019	International Journal of Scientific and Technology Research		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075054466&partnerID=40&md5=f0274fe6485b5b78477b45c2987268c1	International Journal of Scientific and Technology Research editor@ijstr.org



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831	Biswas, P.; Pal, B.B.	A fuzzy goal programming method to solve congestion management problem using genetic algorithm	2019	Decision Making: Applications in Management and Engineering	10.31181/dmame1902040b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078102933&doi=10.31181%2Fdmame1902040b&partnerID=40&md5=a159668dccb85dd1b9e3ad467f907534	Regional Association for Security and crisis management
832	Sengupta, A.R.; Gupta, R.; Biswas, A.	Computational fluid dynamics analysis of stove systems for cooking and drying of muga silk	2019	Emerging Science Journal	10.28991/esj-2019-01191	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088162903&doi=10.28991%2Fesj-2019-01191&partnerID=40&md5=d76f8bd3bfe63057f35799192719177c	Ital Publication
833	Dutta, T.; Ghosh, N.N.; Chattopadhyay, A.P.; Das, M.	Chitosan encapsulated water-soluble silver bionanocomposite for size-dependent antibacterial activity	2019	Nano-Structures and Nano-Objects	10.1016/j.nanoso.2019.100393	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072996712&doi=10.1016%2Fj.nanoso.2019.100393&partnerID=40&md5=203d3735141bf5af36ec53d0d6c75c14	Elsevier B.V.
834	Kasani, R.; Rama Sai Attili, B.K.; Dommeti, V. K.; Merdji, A.; Biswas, J. K.; Roy, S.	Stress distribution of overdenture using odd number implants – A Finite Element Study	2019	Journal of the Mechanical Behavior of Biomedical Materials	10.1016/j.jmbm.2019.06.030	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069438462&doi=10.1016%2Fj.jmbm.2019.06.030&partnerID=40&md5=40b44bae72bf7ba3af0b0fc03ba5c9da	Elsevier Ltd



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835	DasGupta, S.; Chaki, R.; Choudhury, S.	SBRPV: Security Based Routing Protocol for Vehicular Ad hoc Networks	2019		10.1109/UBMK.2019.8907069	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076201780&doi=10.1109%2FUBMK.2019.8907069&partnerID=40&md5=b7b8ab8fc7c21ce300f62a1b8a240d02	Institute of Electrical and Electronics Engineers Inc.
836	Barik, R.; Saha, T.; Chatterjee, S.	Reduction based histogram equalization technique for image enhancement	2019	International Journal of Innovative Technology and Exploring Engineering	10.35940/ijitee.K1255.09811S19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073745057&doi=10.35940%2Fijitee.K1255.09811S19&partnerID=40&md5=3db01bae301606c7ed41666ae5ce81d4	Blue Eyes Intelligence Engineering and Sciences Publication
837	Das, P.; Bhuniya, B.; Kumar Samanta, S.K.; Dutta, P.	Studies on die filling of A356 Al alloy and development of a steering knuckle component using rheo pressure die casting system	2019	Journal of Materials Processing Technology	10.1016/j.jmatprotec.2019.04.014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064070332&doi=10.1016%2Fj.jmatprotec.2019.04.014&partnerID=40&md5=277e863a120c07c6136afa01b365c639	Elsevier Ltd
838	Sengupta, A.R.; Biswas, A.; Gupta, R.	Comparison of low wind speed aerodynamics of unsymmetrical blade H-Darrieus rotors-blade camber and curvature signatures for performance improvement	2019	Renewable Energy	10.1016/j.renene.2019.03.054	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063271792&doi=10.1016%2Fj.renene.2019.03.054&partnerID=40&md5=b98fdc88a089fc8fc4b4aba9fa4f41db	Elsevier Ltd



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839	Das, T.S.; Bera, P.; Biswas, P.	A composite reliability index for power distribution system in renewable microgrid penetrated energy market	2019	International Journal of Recent Technology and Engineering	10.35940/ijrte.B1121.0782S719	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073277280&doi=10.35940%2Fijrte.B1121.0782S719&partnerID=40&md5=9c894068bd958d5d188d7fcfe530ade1	Blue Eyes Intelligence Engineering and Sciences Publication
840	Roy, S.; Ghosh, S.; Chakarborty, U.	Compact dual wide-band four/eight elements MIMO antenna for WLAN applications	2019	International Journal of RF and Microwave Computer-Aided Engineering	10.1002/mmce.21749	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063339607&doi=10.1002%2Fmmce.21749&partnerID=40&md5=d5c00007dd17ba4ecbfcf63c86173e69	John Wiley and Sons Inc. P.O.Box 18667 Newark NJ 07191-8667
841	Das, S.; Nandi, D.; Neogi, B.	Lower Limb Movement Analysis for Exoskeleton Design	2019		10.1109/TENSYMP46218.2019.8971078	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079275186&doi=10.1109%2FTENSYMP46218.2019.8971078&partnerID=40&md5=c6c7c575af78f3aea83af144cf15ed75	Institute of Electrical and Electronics Engineers Inc.
842	Das, R.K.; Das, M.	Study of silver nanoparticle/polyvinyl alcohol nanocomposite	2019	International Journal of Plastics Technology	10.1007/s12588-019-09229-4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065047238&doi=10.1007%2Fs12588-019-09229-4&partnerID=40&md5=7a4f1632a187db769b24de67f60778f2	Springer



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843	Bhattacharya, S.; Roy, S.; Rana, M.; Banerjee, S.; Karmakar, S.K.; Biswas, J.K.	BIOMECHANICAL PERFORMANCE OF A MODIFIED DESIGN OF DYNAMIC CERVICAL IMPLANT COMPARED TO CONVENTIONAL BALL AND SOCKET DESIGN OF AN ARTIFICIAL INTERVERTEBRAL DISC IMPLANT: A FINITE ELEMENT STUDY	2019	Journal of Mechanics in Medicine and Biology	10.1142/S0219519419500179	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063756312&doi=10.1142%2FS0219519419500179&partnerID=40&md5=ec09c425cb2c611f92027865c17363e0	World Scientific Publishing Co. Pte Ltd wspc@wspc.com.sg
844	Bhattacharjee, S.; Biswas, A.	Development of noise model for InAsSb MOSFETs and their application in low noise amplifiers	2019	Microsystem Technologies	10.1007/s00542-017-3466-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020701438&doi=10.1007%2Fs00542-017-3466-x&partnerID=40&md5=d08bf57419626b9fb6574eba275523ac	Springer Verlag service@springer.de
845	Das, S.; Sanyal, M.K.; Datta, D.	Intelligent Approaches for the Diagnosis of Low Back Pain	2019		10.1109/AICAL.2019.8701266	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065607275&doi=10.1109%2FAICAL.2019.8701266&partnerID=40&md5=30cb9aa828e8b3720bea8b21c186076c	Institute of Electrical and Electronics Engineers Inc.



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846	Majumdar, R.; Gayen, P. K.; Mondal, S.; Sadhukhan, A.; Das, P.; Kushary, I.	A Cyber Communication Package in the Application of Grid Tied Solar System	2019		10.1109/DEVIC.2019.8783790	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070936801&doi=10.1109%2FDEVIC.2019.8783790&partnerID=40&md5=2500e614d6d482395fecbac354a56f4b	Institute of Electrical and Electronics Engineers Inc.
847	Ghosal, A.; Ghosh, S.; Saha, A.; Bhattacharjee, N.; Bhar, S.K.; Sarkar, I.	Scholastic Approach towards Economic Digital Mileage Meter with GPS	2019		10.1109/DEVIC.2019.8783694	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070902772&doi=10.1109%2FDEVIC.2019.8783694&partnerID=40&md5=4a45ee588311743ea1ad37d7a4bdf9b4	Institute of Electrical and Electronics Engineers Inc.
848	Ghosh, M.; Ghosh, S.; Sarkar, S.; Saha, K.; Ray, A.; Neogi, B.	An approach towards the development of refreshable Braille Computer Display Unit	2019		10.1109/DEVIC.2019.8783582	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070870665&doi=10.1109%2FDEVIC.2019.8783582&partnerID=40&md5=8af4b6fc22a6cf6030280bd9b53d8ff5	Institute of Electrical and Electronics Engineers Inc.



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849	Das, S.; Das, D.N.; Neogi, B.	Design Approach for Artificial Human Ankle Movement	2019		10.1109/DEVIC.2019.8783302	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070860166&doi=10.1109%2FDEVIC.2019.8783302&partnerID=40&md5=69a15fd1dc6dd8335b0f000be98ef97	Institute of Electrical and Electronics Engineers Inc.
850	Das, S.; Chakraborty, S.; Rai, N.; Dhar, A.; Sadhu, A.; Gautam, B.; Verma, P.; Singh, A.; Sherpa, C.; Chakraborty, M.	Eastern Himalayan glaciatic hazard analysis using UAV-A brief approach	2019		10.23919/URSIAP-RASC.2019.8738483	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068597014&doi=10.23919%2FURSIAP-RASC.2019.8738483&partnerID=40&md5=260e2b022746e0ff88aa5ab41120fa10	Institute of Electrical and Electronics Engineers Inc.
851	Bhattacharjee, S.; Ghosh, S.; Neogi, B.	Real-time cardio monitoring and characterization of diseases introducing statistical and spectrogram analysis	2019		10.4018/978-1-5225-7796-6.ch009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85102333855&doi=10.4018%2F978-1-5225-7796-6.ch009&partnerID=40&md5=0f3462afde0884e7b4379c496516d064	IGI Global
852	Koley, S.; Sen, S.; Chakrabarti, S.	Thermoelectric switching of single-walled carbon nanotubes due to encapsulation of iodine atomic chain	2019	Journal of Physical Chemistry C	10.1021/acs.jpcc.8b10929	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061559756&doi=10.1021%2Facs.jpcc.8b10929&partnerID=40&md5=bd4e442d3e3fb733d42ca29b45a4161a	American Chemical Society service@acs.org



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853	Bhowmick, R.; Sen, S.	Spin-Crossover Assisted Spin-Switching and Rectification Action in Half-Metallic Graphitic Carbon Nitride(g-C ₄ N ₃)	2019	ChemPhysChem	10.1002/cphc.201800941	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85059616197&doi=10.1002%2Fcphc.201800941&partnerID=40&md5=38a1c489aab4b684972325ae75bc04e6	Wiley-VCH Verlag
854	Chakraborty, S.; Das, S.; Rai, N.; Patra, A.; Dhar, A.; Sadhu, A.; Gautam, B.; Verma, P.; Singh, A.; Sherpa, C.; Karn, L.	Development of uav based glacial lake outburst monitoring system	2019	International Geoscience and Remote Sensing Symposium (IGARSS)	10.1109/IGARSS.2019.8900454	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85108140458&doi=10.1109%2FIGARSS.2019.8900454&partnerID=40&md5=c70dd719f8a341af08390aec75cccc6a	Institute of Electrical and Electronics Engineers Inc.
855	Sahana, S.; Sarddar, D.	Application safety and service vulnerability in cloud network	2019		10.1002/9781119593171.ch5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101469825&doi=10.1002%2F9781119593171.ch5&partnerID=40&md5=0c497fc7e04fa5df482f885fbf76e3d5	wiley
856	Paul, T.; Mandal, I.	Development and Parametric Optimization of Abrasive Jet Machining Setup	2019	Materials Today: Proceedings	10.1016/j.matpr.2020.03.352	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085548990&doi=10.1016%2Fj.matpr.2020.03.352&partnerID=40&md5=9199e4b38aee142078405a518d2705ee	Elsevier Ltd



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857	Bag, S.	Biodegradable composite scaffold for bone tissue regeneration	2019		10.1007/978-981-13-3705-5_27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85084886167&doi=10.1007%2F978-981-13-3705-5_27&partnerID=40&md5=cbbaf5f1e2a8040667dd68eacddfb32e	Springer Singapore
858	Pal, K.; Kraatz, H.-B.; Khasnobish, A.; Bag, S.; Banerjee, I.; Kuruganti, U.	Bioelectronics and medical devices: From materials to devices - fabrication, applications and reliability	2019		10.1016/C2017-0-00496-2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85080819778&doi=10.1016%2FC2017-0-00496-2&partnerID=40&md5=8d155d3f37dd7f4a2251a5e99d7ca30c	Elsevier
859	Biswas, J.K.; Roy, S.; Pradhan, R.; Rana, M.; Majumdar, S.	Effects of cervical disc replacement and anterior fusion for different bone conditions: A finite element study	2019	International Journal for Multiscale Computational Engineering	10.1615/IntJMultCompEng.2019030212	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075788000&doi=10.1615%2FIntJMultCompEng.2019030212&partnerID=40&md5=e6dcb5b41a03ef28463805f770ce5156	Begell House Inc. orders@begellhouse.com
860	Rakshit, P.; Nath, I.; Pal, S.	Application of IOT in healthcare	2019	Intelligent Systems Reference Library	10.1007/978-3-030-33596-0_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075397158&doi=10.1007%2F978-3-030-33596-0_10&partnerID=40&md5=3f8a5c20b3dad41f45512d537629379	Springer



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861	Saha, S.; Chaki, R.	Cluster based framework for alleviating buffer based congestion for wireless sensor network	2019	Lecture Notes in Computer Science	10.1007/978-3-030-28957-7_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072988642&doi=10.1007%2F978-3-030-28957-7_16&partnerID=40&md5=0b02f69f407481c3168a37b711a546b9	Springer Verlag service@springer.de
862	Dasgupta, M.; Mandal, J.K.	Deep Convolutional Neural Network Based Facial Keypoints Detection	2019	Communications in Computer and Information Science	10.1007/978-981-13-8578-0_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068718740&doi=10.1007%2F978-981-13-8578-0_4&partnerID=40&md5=e09b2ea685e0e0a1faa5d7585e84e0b8	Springer Verlag service@springer.de
863	Deyasi, A.; Bhattacharyya, S.	Quantum-Confined States of Electrons in Semiconductor Quantum Ring Under Crossed Electromagnetic Field	2019	Lecture Notes in Electrical Engineering	10.1007/978-981-13-7091-5_15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066879574&doi=10.1007%2F978-981-13-7091-5_15&partnerID=40&md5=208638b60290c9b42ffd0835e69f3236	Springer Verlag service@springer.de



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865	Neogi, B.; Barui, S.; Das, S.; Paul, S.; Ghosh, J.; Ghosh, S.	Tuning and transfer functional modelling of a prosthetic arm	2019	Journal of Computational Methods in Sciences and Engineering	10.3233/JCM- 180880	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060026260&doi=10.3233%2FJCM-180880&partnerID=40&md5=99aba3dbf1121e13b0662f271f621498	IOS Press Nieuwe Hemweg 6B Amsterdam 1013 BG
866	Biswas, J.K.; Sahu, T.P.; Rana, M.; Roy, S.; Karmakar, S.K.; Majumder, S.; Chowdhury, A.	Design factors of lumbar pedicle screws under bending load: A finite element analysis	2019	Biocybernetics and Biomedical Engineering	10.1016/j.bbe. 2018.10.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055676895&doi=10.1016%2Fj.bbe.2018.10.003&partnerID=40&md5=179975d6f208766a9268e3d2f8cac8a8	Elsevier Sp. z o.o. bbe@ibib.waw. pl
867	Saha, S.; DasGupta, S.; Das, S.K.	Spam mail detection using data mining: A comparative analysis	2019	Smart Innovation, Systems and Technologies	10.1007/978- 981-13-1921- 1_56	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054814360&doi=10.1007%2F978-981-13-1921-1_56&partnerID=40&md5=c52f70ca320599b889f5f0f00373a13a	Springer Science and Business Media Deutschland GmbH info@springer- sbm.com



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868	DasGupta, S.; Saha, S.; Das, S.K.	Impact of data mining techniques in predictive modeling: A case study	2019	Advances in Intelligent Systems and Computing	10.1007/978-981-13-1498-8_51	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053640073&doi=10.1007%2F978-981-13-1498-8_51&partnerID=40&md5=68f8f694f127341dc50fce33637543b	Springer Verlag service@springer.de
869	Banerjee, A.; Deyasi, A.; Bhattacharyya, S.; Sarkar, A.	Fast squaring technique for radix vicinity numbers for radix $2n \pm M$ with reduced computational complexity	2019	Lecture Notes in Electrical Engineering	10.1007/978-981-13-0776-8_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051831572&doi=10.1007%2F978-981-13-0776-8_13&partnerID=40&md5=6ed902263befd3b0bbf1a17d7f5d2ed7	Springer Verlag service@springer.de
870	Banerjee, A.; Bhattacharyya, S.; Deyasi, A.	Synthesis of high-speed multivalued ALU for $(2p \pm q)$ Radix	2019	Lecture Notes in Electrical Engineering	10.1007/978-981-10-8234-4_67	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051701983&doi=10.1007%2F978-981-10-8234-4_67&partnerID=40&md5=83f90c1e5a7f40a594325d12f69d5414	Springer Verlag service@springer.de



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871	Purkait, G.; Singh, D.; Mishra, M.; Jena, A.R.; Banerjee, A.	An improved bio-inspired BAT algorithm for optimization	2019	Advances in Intelligent Systems and Computing	10.1007/978-981-13-0224-4_22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050384301&doi=10.1007%2F978-981-13-0224-4_22&partnerID=40&md5=c5d7e2aacf7752b1b50d9e1a08e03c1e	Springer Verlag service@springer.de
872	Bhattacharjee, S.; Ghosh, S.; Neogi, B.	Real-Time Cardio Monitoring and Characterization of Diseases Introducing Statistical and Spectrogram Analysis	2019		10.4018/978-1-5225-8185-7.ch005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105020540475&doi=10.4018%2F978-1-5225-8185-7.ch005&partnerID=40&md5=4bcbdbd4e530ca7e22e43a55f9fcf31b	IGI Global
873	Bhattacharjee, A.; Roy, S.; Paul, S.; Roy, P.; Kausar, N.; Dey, N.	Classification Approach for Breast Cancer Detection Using Back Propagation Neural Network: A Study	2019		10.4018/978-1-7998-0414-7.ch079	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105013920328&doi=10.4018%2F978-1-7998-0414-7.ch079&partnerID=40&md5=b08be698f73504597c84f2a3d05d5c2c	CRC Press



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875	Sindhu, M.K.; Nandi, D.; Basak, I.	Electric discharge phenomenon in dielectric and electrolyte medium	2018	Advances in Manufacturing	10.1007 /s40436-018-0221-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057451563&doi=10.1007%2Fs40436-018-0221-1&partnerID=40&md5=adb033beb5f632080531335645c14486	Shanghai University Press aim@oa.shu.edu.cn
876	Nikitenko, M.S.; Zhuravlev, S.S.; Rudometov, S.V.; Neogi, B.; Belyi, A.M.	Walking support control system algorithms testing with brain-computer interface (BCI) and augmented reality (AR) technology integration	2018	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/206/1/012043	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058050133&doi=10.1088%2F1755-1315%2F206%2F1%2F012043&partnerID=40&md5=fa8c71539a534d5956c3833c5b0e0936	Institute of Physics Publishing helen.craven@iop.org



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877	Bhattacharjee, S.; Biswas, A.	Analysis of Low Frequency Noise in Nanoscale InAs _x Sb _{1-x} MOSFETs with Varying Compositions	2018		10.1109/EDKCON.2018.8770489	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070383430&doi=10.1109%2FEDKCON.2018.8770489&partnerID=40&md5=455fe717f8dd7b27f9b163926599b211	Institute of Electrical and Electronics Engineers Inc.
878	Giri, B.C.; Bhattacharjee, R.; Maiti, T.	Optimal payment time in a two-echelon supply chain with price-dependent demand under trade credit financing	2018	International Journal of Systems Science: Operations and Logistics	10.1080/23302674.2017.1336263	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057084116&doi=10.1080%2F23302674.2017.1336263&partnerID=40&md5=22d6c73c4f735370cceb2fd43f0b5404	Taylor and Francis
879	Biswas, S.K.; Kundu, A.; Bose, S.; Biswas, D.; Banerjee, A.; Majumdar, S.	Effect of depth of cut on grindability of Inconel 600	2018	AIP Conference Proceedings	10.1063/1.5058245	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054596677&doi=10.1063%2F1.5058245&partnerID=40&md5=f4e39d7e1ded0ce4bec83bfde75a61b5	American Institute of Physics Inc. subs@aip.org
880	Roy, S.S.; Bandyopadhyay, P.	Quantum perspective on the localized strand separation and cyclization of DNA double helix	2018	Physics Letters, Section A: General, Atomic and Solid State Physics	10.1016/j.physleta.2018.04.048	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046727762&doi=10.1016%2Fj.physleta.2018.04.048&partnerID=40&md5=3c42c10735eef63602a046f14394a406	Elsevier B.V.



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881	Chowdhury, R.; Mitra, P.; Kumar, S.; Singh, S. K.; Singh, A.N.	Design and implementation of hormonal cycle based cryptographic modulus operandi and android application development for cosseted transmission	2018		10.1109/ICGCIoT.2018.8753013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069510072&doi=10.1109%2FICGCIoT.2018.8753013&partnerID=40&md5=2d2ba31462d1972208adf65be2ac2ac1	Institute of Electrical and Electronics Engineers Inc.
882	Biswas, P; Kundu, A.; Mondal, D.; Kumar Bardhan, P.	Effect of heat treatment on microstructure behavior and hardness of en 8 steel	2018	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/377/1/012065	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050507776&doi=10.1088%2F1757-899X%2F377%2F1%2F012065&partnerID=40&md5=0d5b085831c164947a18b5931681140c	Institute of Physics Publishing helen. craven@iop.org
883	Pal, M.; Bhattacharyya, S.; Sarkar, T.	Euler number based feature extraction technique for gender discrimination from offline Hindi signature using SVM & BPNN classifier	2018		10.1109/EDCT.2018.8405084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050944983&doi=10.1109%2FEDCT.2018.8405084&partnerID=40&md5=797be138673879ba4aba0a91618676bb	Institute of Electrical and Electronics Engineers Inc.



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884	Patra, A.; Saha, A.; Chakraborty, A.K.; Bhattacharya, K.	A new approach to invisible water marking of color images using alpha blending	2018		10.1109/EDCT.2018.8405083	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050943648&doi=10.1109%2FEDCT.2018.8405083&partnerID=40&md5=d5e560511cf7ee92db4c5cece8d325	Institute of Electrical and Electronics Engineers Inc.
885	Dey, S.; Dey, B.; Bhattacharjee, S.	Effects of composition fraction on subthreshold behavior of InAsxSb(1-x) channel UTB MOSFETs	2018		10.1109/EDCT.2018.8405089	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050918023&doi=10.1109%2FEDCT.2018.8405089&partnerID=40&md5=1cb7ea4a7a408a304ded63b1d8fe4ec	Institute of Electrical and Electronics Engineers Inc.
886	Debnath, J.; Majumder, D.; BISWAS, A.	Air quality assessment using weighted interval type-2 fuzzy inference system	2018	Ecological Informatics	10.1016/j.ecoinf.2018.06.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049323820&doi=10.1016%2Fj.ecoinf.2018.06.002&partnerID=40&md5=e86505246fdf3a449decea58570e8277	Elsevier B.V.
887	Koley, S.; Sen, S.; Chakrabarti, S.	Vanishing Thermal Conductance of Carbon Nanotube upon Encapsulation by Zigzag Sulfur Chain	2018	Journal of Physical Chemistry Letters	10.1021/acs.jpcllett.8b01121	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047537497&doi=10.1021%2Facs.jpcllett.8b01121&partnerID=40&md5=a941c1cee7134686f3e0b0b8568dd3bc	American Chemical Society service@acs.org



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888	Kizilov, S.A.; Nikitenko, M.S.; Neogi, B.	Concept of mobile operator position based on neurocomputer interface and augmented reality	2018	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/354/1/012016	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050674890&doi=10.1088%2F1757-899X%2F354%2F1%2F012016&partnerID=40&md5=67160ebab457c15b0c8f958471d03799	Institute of Physics Publishing helen. craven@iop.org
889	Ghosal, M.; Chakraborty, A.K.	Influence of cement behavior with and without polymer nano composites	2018			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071687732&partnerID=40&md5=52bdc1124758a57f1304a69286963ad1	River Publishers
890	Midya, A.; Mukherjee, S.; Roy, S.; Santra, S.; Manna, N.; Ray, S.K.	Selective chloroform sensor using thiol functionalized reduced graphene oxide at room temperature	2018	Materials Research Express	10.1088/2053-1591/aaa67b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85043507324&doi=10.1088%2F2053-1591%2Faaa67b&partnerID=40&md5=2a97304df7b711935665ef87e14cf422	Institute of Physics Publishing helen. craven@iop.org
891	Biswas, A.; Das, S.; Ganguly, S.	Activity-Based Learning (ABL) for engaging engineering students	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_58	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063165892&doi=10.1007%2F978-981-10-3953-9_58&partnerID=40&md5=c53ba3c2dec449420a280cc9e913ac	Springer



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892	Chowdhury, R.; Bhattacharya, I.; De, N.; Saha, S.	Double ended bottom-up approach of data warehouse architecture employing country ISO code engendered cryptographic algorithm	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_14	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063160075&doi=10.1007%2F978-981-10-3953-9_14&partnerID=40&md5=9c258d62a9a453b89aca4ffb50102dda	Springer
893	Sanyal, A.; Gupta, R.	Some limitations of outcome-based education	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_57	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063159065&doi=10.1007%2F978-981-10-3953-9_57&partnerID=40&md5=204a2c02b0d33fb12f07eae105bed060	Springer
894	Bhattacharyya, S.; Sen, S.; Dutta, M.; Biswas, P.; Chattopadhyay, H.	Preface	2018	Lecture Notes in Networks and Systems	10.17491/cgsi/2016/105404	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063153311&doi=10.17491%2Fcgsi%2F2016%2F105404&partnerID=40&md5=69d2e29138b7a61f97329cc8aeae84b1	Springer
895	Ghosh, P.; Saha, T.; Kumari, B.	Aspects of low-power high-speed CMOS VLSI design: A review	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063152716&doi=10.1007%2F978-981-10-3953-9_37&partnerID=40&md5=ee539978774e71d65bbb4af49182bfe	Springer



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896	Datta, S.	Assessment of uncontrolled intersections through calibration of VISSIM for indian traffic conditions	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063151145&doi=10.1007%2F978-981-10-3953-9_31&partnerID=40&md5=6a90ed0ba3eee2f0f2f890c9ea584291	Springer
897	Gupta, S.	Foreword	2018	Lecture Notes in Networks and Systems		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063149230&partnerID=40&md5=9b49a069f7dc7caef0653328d2a5cc07	Springer
898	Dutta, M.; Dutta, D.; Sikdar, S.; Dutta, S.; Dutta, S.	A study on data acquisition and analysis in real time for prediction of cardiovascular disease in real time using indigenous low-cost CHMS	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_56	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063147951&doi=10.1007%2F978-981-10-3953-9_56&partnerID=40&md5=e4dee14fabd9d26189d72b033fe90472	Springer
899	Chowdhury, R.; Saha, S.; Sahana, S.; Sanki, D.	Realization of outcome-based education through teaching learning methodology in engineering institution	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_59	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063142442&doi=10.1007%2F978-981-10-3953-9_59&partnerID=40&md5=f47fd34e6e7c3befbea9dc08d3b08ad	Springer



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900	Bhattacharyya, S.; Haldar, S.; Deyasi, A.	Effect of surface-to-volume ratio on eigenenergy in quantum ring	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063141177&doi=10.1007%2F978-981-10-3953-9_8&partnerID=40&md5=e7cd75cd8ef7b571024747d19e81ff44	Springer
901	Mukhopadhyay, D.S.; Chanda, R.; Chakraborti, D.; Biswas, P.	Soft computing approach to electrical transmission network congestion management	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063131995&doi=10.1007%2F978-981-10-3953-9_7&partnerID=40&md5=340e4c2f5172bb279ac62480cac56cd7	Springer
902	Ghosh, S.; Ghosh, A.; Sarkar, I.	Performance optimization of microstrip antenna with different slot configurations and various dielectric materials	2018	Journal of Electronic Science and Technology	10.11989/JEST.1674-862X.70728112	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063041089&doi=10.11989%2FJEST.1674-862X.70728112&partnerID=40&md5=a8a5dbf1dfdcfca182580001ee503f51	Univ. of Electronic Science and Technology of China



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903	Majumder, A.B.; Gupta, S.	CBSTD: A cloud based symbol table driven DNA compression algorithm	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_45	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058992220&doi=10.1007%2F978-981-10-3953-9_45&partnerID=40&md5=a3c4921d9b6e39260b3c9c25303b9752	Springer
904	Das, Z.; Islam, A.; Banerjee, D.; Ghosh, M.; Neogi, B.	Study and design on cyber interaction processes for cerebral palsy employees	2018	International Journal of Nanoparticles	10.1504/IJNP.2018.096384	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057890388&doi=10.1504%2FIJNP.2018.096384&partnerID=40&md5=8b47ef4190181d4d2f491d0fe0838519	Inderscience Publishers
905	Das, S.; Paul, S.; Ojha, S. K.; Neogi, B.; Nazarov, A.; Ghosh, J.; Ghosh, S.	On design and implementation of an artificial lower limb	2018	International Journal of Sensors, Wireless Communications and Control	10.2174/221155600766180606075218	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057099394&doi=10.2174%2F2211556007666180606075218&partnerID=40&md5=09812b2ea5649853cc476b86d688e214	Bentham Science Publishers B.V. P.O. Box 294 Bussum 1400 AG
906	Singh, D.	A modified bio inspired: BAT algorithm	2018	International Journal of Applied Metaheuristic Computing	10.4018/IJAMC.2018010105	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056699074&doi=10.4018%2FIJAMC.2018010105&partnerID=40&md5=996ff180afce1e05dac5d83b36a0c034	IGI Global cust@igi-global.com



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907	Singh, D.	Cloud computing environment in big data for education	2018	Lecture Notes in Educational Technology	10.1007/978-981-13-0650-1_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056195103&doi=10.1007%2F978-981-13-0650-1_12&partnerID=40&md5=a39c0fd45024a9bf855eaca58eb4f287	Springer International Publishing
908	Sahana, S.; Bose, R.; Sarddar, D.	Fog-Based Hierarchical Search Optimization	2018	Communications in Computer and Information Science	10.1007/978-981-13-1343-1_55	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053214119&doi=10.1007%2F978-981-13-1343-1_55&partnerID=40&md5=f8a5f2b9ec60860f408ace025fb727b0	Springer Verlag service@springer.de
909	Das, S.; Sanyal, M.K.; Datta, D.	Advanced Diagnosis of Deadly Diseases Using Regression and Neural Network	2018	Communications in Computer and Information Science	10.1007/978-981-13-1343-1_29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053204393&doi=10.1007%2F978-981-13-1343-1_29&partnerID=40&md5=af3d0613665635b445c92a3b4f24c0ba	Springer Verlag service@springer.de



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910	Das, S.; Biswas, S.; Paul, A.; Dey, A.	AI Doctor: An intelligent approach for medical diagnosis	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053190368&doi=10.1007%2F978-981-10-3953-9_17&partnerID=40&md5=855830e229651b2ca0d0bbcf6f33f0e	Springer
911	Majumder, A.B.; Gupta, S.	An energy-efficient congestion avoidance priority-based routing algorithm for body area network	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_52	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046807293&doi=10.1007%2F978-981-10-3953-9_52&partnerID=40&md5=a75f13792e97ccc70e773e7375252f0c	Springer
912	Chowdhury, R.; Roy, O.; Datta, S.; Dasgupta, S.	Virtual data warehouse model employing crypto-math modus operandi and intelligent sensor algorithm for cosseted transference and output augmentation	2018		10.1007/978-981-10-6680-1_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046587630&doi=10.1007%2F978-981-10-6680-1_6&partnerID=40&md5=1d4e2ac308c12436a9b33e322b1da6f9	Springer Singapore



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913	DasGupta, S.; Saha, S.; Chatterjee, K.	Remote healthcare development using vehicular Ad Hoc and wireless sensor networks	2018	Advances in Intelligent Systems and Computing	10.1007/978-981-10-7871-2_41	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045691648&doi=10.1007%2F978-981-10-7871-2_41&partnerID=40&md5=d2e79353694be49a3b53c04233198f1a	Springer Verlag
914	Das, S.; Sanyal, M.K.; Datta, D.; Biswas, A.	AISLDr: Artificial intelligent self-learning doctor	2018	Advances in Intelligent Systems and Computing	10.1007/978-981-10-7566-7_9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045638073&doi=10.1007%2F978-981-10-7566-7_9&partnerID=40&md5=efef0b62ca921a55d41254128e61d25d	Springer Verlag service@springer.de
915	Goswami, S.; Dey, U.; Roy, P.; Ashour, A.S.; Dey, N.	Medical video processing: Concept and applications	2018		10.4018/978-1-5225-5204-8.ch071	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045041029&doi=10.4018%2F978-1-5225-5204-8.ch071&partnerID=40&md5=7f1483ac27e209203468290bf43f6d4e	IGI Global



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916	Chatterjee, S.; Chowdhury, S.R.; Roy, K.	A Conceptual Software Model of E-Business to Analyze the Growth Rate of a Product	2018	Advances in Intelligent Systems and Computing	10.1007/978-981-10-6872-0_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042318909&doi=10.1007%2F978-981-10-6872-0_35&partnerID=40&md5=2d24e5c648196a9d57e21efd95870e4b	Springer Verlag service@springer.de
917	Sahana, S.; Bose, R.; Sarddar, D.	Server utilization-based smart temperature monitoring system for cloud data center	2018	Lecture Notes in Networks and Systems	10.1007/978-981-10-3953-9_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042305749&doi=10.1007%2F978-981-10-3953-9_30&partnerID=40&md5=7484c200e2530820dad2f778f0fba4e	Springer
918	Neogi, B.; Islam, S.K.S.; Chakraborty, P.; Barui, S.; Das, A.	Introducing MIT rule toward improvement of adaptive mechanical prosthetic arm control model	2018	Advances in Intelligent Systems and Computing	10.1007/978-981-10-3373-5_38	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85026770631&doi=10.1007%2F978-981-10-3373-5_38&partnerID=40&md5=e3af7aa290ef8ef98f2a77fd765ecd03	Springer Verlag service@springer.de



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919	Banerjee, S.; Nath, S.S.; Dey, N.; Eto, H.	Global medical tourism: A review	2017		10.4018/978-1-5225-3920-9.ch001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105012011849&doi=10.4018%2F978-1-5225-3920-9.ch001&partnerID=40&md5=4b35e79b7e00b9522238900fc51cde69	IGI Global
920	Sharma, S.K.; Bhowmik, B.; Pal, V.; Periasamy, C.	Electrical and Methanol Sensing Characteristics of RF Sputtered n-ZnO/p-Si Heterojunction Diodes	2017	IEEE Sensors Journal	10.1109/JSEN.2017.2754542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030651700&doi=10.1109%2FJSEN.2017.2754542&partnerID=40&md5=88471973f943c0d5556937b85808ece2	Institute of Electrical and Electronics Engineers Inc.
921	Bhattacharyya, S.; Haldar, S.; Deyasi, A.	Effect of surface-to-volume ratio on eigenenergy in quantum disk in presence of magnetic field	2017		10.1109/IEMENTECH.2017.8076944	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039957868&doi=10.1109%2FIEMENTECH.2017.8076944&partnerID=40&md5=2cb2e0a083f37f33722567f7c0b12b92	Institute of Electrical and Electronics Engineers Inc.



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922	Islam, A.; Banerjee, D.; Das, Z.; Ghosh, M.; Neogi, B.	Introducing computational interactions for cerebral palsy employees	2017		10.1109/DEVIC. 2017.8074063	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039975846&doi=10.1109%2FDEVIC.2017.8074063&partnerID=40&md5=3a91ab77b153929e7a156089c54537f7	Institute of Electrical and Electronics Engineers Inc.
923	Ghosh, S.; Ghosh, A.; Sarkar, I.	Design of probe feed patch antenna with different dielectric constants	2017		10.1109/DEVIC. 2017.8074066	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039972024&doi=10.1109%2FDEVIC.2017.8074066&partnerID=40&md5=b4c58b37dfcb17083e33aae6f2ddb2b5	Institute of Electrical and Electronics Engineers Inc.
924	Banik, B.C.; Ghosh, M.; Das, A.; Banerjee, D.; Paul, S.; Neogi, B.	Design of mind- controlled vehicle (MCV) & study of EEG signal for three mental states	2017		10.1109/DEVIC. 2017.8074065	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039969407&doi=10.1109%2FDEVIC.2017.8074065&partnerID=40&md5=b1963c763432b542af09242d5ae4f526	Institute of Electrical and Electronics Engineers Inc.



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925	Banerjee, A.; Pal, S.; Bhattacharyya, S.; Das, D.K.	Memristor based modulo multiplier design for (2n-1) and 2n radix	2017		10.1109/DEVIC.2017.8073898	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039963570&doi=10.1109%2FDEVIC.2017.8073898&partnerID=40&md5=e05382d2b896df1e0b767692190315e4	Institute of Electrical and Electronics Engineers Inc.
926	Dey, N.; Ashour, A.S.; Chakraborty, S.; Banerjee, S.; Gospodinova, E.; Gospodinov, M.; Hassanien, A.E.	Watermarking in biomedical signal processing	2017	Studies in Computational Intelligence	10.1007/978-3-319-44790-2_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84992160345&doi=10.1007%2F978-3-319-44790-2_16&partnerID=40&md5=5a2a9d9ff8bc0054b6c539c87188d502	Springer Verlag service@springer.de
927	Nikitenko, M.S.; Malakhov, Y.V.; Neogi, B.; Chakraborty, P.; Banerjee, D.	Robotic complex for the development of thick steeply-inclined coal seams and ore deposits	2017	IOP Conference Series: Earth and Environmental Science	10.1088/1755-1315/84/1/012002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042255821&doi=10.1088%2F1755-1315%2F84%2F1%2F012002&partnerID=40&md5=d976e8ad8ca2ca6f8e2c2e2be969fd33	Institute of Physics Publishing helen.craven@iop.org



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928	Biswas, P; Kundu, A.; Mondal, D.	An Experimental Investigation on Hardness and Microstructure of Heat Treated en 9 Steel	2017	IOP Conference Series: Materials Science and Engineering	10.1088/1757-899X/225/1/012055	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030312834&doi=10.1088%2F1757-899X%2F225%2F1%2F012055&partnerID=40&md5=86d7daf9d557c4f034a1b44205491570	Institute of Physics Publishing michael.roberts@iop.org
929	Sinha, R.	Comments on 'Miniaturization of a 90° Hybrid Coupler with Improved Bandwidth Performance'	2017	IEEE Microwave and Wireless Components Letters	10.1109/LMWC.2017.2724004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85028912624&doi=10.1109%2FLMWC.2017.2724004&partnerID=40&md5=2c873465790dfb1fb65b4d60d76b7bc	Institute of Electrical and Electronics Engineers Inc.
930	Banerjee, A.; Das, D.K.	A new ALU architecture design using reversible logic	2017		10.1109/ISED.2016.7977079	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027558140&doi=10.1109%2FISED.2016.7977079&partnerID=40&md5=e854d9d46f9b48d1975511fbd06bd892	Institute of Electrical and Electronics Engineers Inc.



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931	Sen, S.	Role of asymmetric magnetic electrodes in tuning spin selective rectification action of borazine [B ₃ N ₃ H ₆]	2017	Chemical Physics	10.1016/j.chemphys.2017.05.011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85019642783&doi=10.1016%2Fj.chemphys.2017.05.011&partnerID=40&md5=00bc5fa357442d96a9ddb7de097e39f	Elsevier B.V.
932	Sinha, R.	Comments on "Design of a Planar Dual-Band Power Divider With Arbitrary Power Division and a Wide Isolated Frequency Band"	2017	IEEE Transactions on Microwave Theory and Techniques	10.1109/TMTT.2016.2647245	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85010223419&doi=10.1109%2FTMTT.2016.2647245&partnerID=40&md5=d55e36d7e197bfb3df4936b7710a1287	Institute of Electrical and Electronics Engineers Inc.
933	Sinha, R.; De, A.	Comments on An Analytical Design Method for a Novel Dual-Band Unequal Coupler with Four Arbitrary Terminated Resistances	2017	IEEE Transactions on Industrial Electronics	10.1109/TIE.2017.2652371	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018984657&doi=10.1109%2FTIE.2017.2652371&partnerID=40&md5=dafa35f35e84a9ad739d64fdb0643fea	Institute of Electrical and Electronics Engineers Inc.



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934	Das, D.; Dey, G.; Maji, P.; Dey, N.	Ethical e-health: A possibility of the future or a distant dream?	2017		10.4018/978-1-5225-2237-9.ch067	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85021379024&doi=10.4018%2F978-1-5225-2237-9.ch067&partnerID=40&md5=493c30796662d07159b08a0337c8b1b9	IGI Global
935	Dutta, D.; Dutta, M.; Dutta, S.	A software based approach to acquisition and analysis of biosignals using CSAP	2017		10.1109/CCAA.2016.7813845	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011079191&doi=10.1109%2FCCAA.2016.7813845&partnerID=40&md5=3407bc664003539badae17be9226dbd2	Institute of Electrical and Electronics Engineers Inc.
936	Nath, I.; Chatterjee, M.; Bhattacharya, U.	CLR: A novel approach for sparse placement of regenerators and routing in translucent optical networks	2017	IFIP International Conference on Wireless and Optical Communications Networks, WOCN	10.1109/WOCN.2015.8064490	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85114105156&doi=10.1109%2FWOCN.2015.8064490&partnerID=40&md5=20cb5bdee49297443e743444ad60ce8d	IEEE Computer Society
937	Mustafa, S.; Matsumoto, Y.; Yamaguchi, H.	An energy-based damping evaluation for the local damage detection of an existing steel truss bridge	2017			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050146033&partnerID=40&md5=509044b201ba13601bbdf575e3b3b6e	International Society for Structural Health Monitoring of Intelligent Infrastructure, ISHMII



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938	Paul, A.; Das, D.	Identification of character adjectives from Mahabharata	2017	International Conference Recent Advances in Natural Language Processing, RANLP	10.26615/978-954-452-049-6_074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045741045&doi=10.26615%2F978-954-452-049-6_074&partnerID=40&md5=7b6f8607acd6837c6bcc3a133b387509	Incoma Ltd
939	Das, P.; Paul, S.; Ghosh, J.; Palbhowmik, S.; Neo-Gi, B.; Ganguly, A.	An approach towards the representation of sign language by electromyography signals with fuzzy implementation	2017	International Journal of Sensors, Wireless Communications and Control	10.2174/2210327907666170222093839	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85042159029&doi=10.2174%2F2210327907666170222093839&partnerID=40&md5=4fb80b2df83a0461754c1a286d95ef19	Bentham Science Publishers B.V. P.O. Box 294 Bussum 1400 AG
940	Sahana, S.; Bose, R.; Sarddar, D.	An enhanced search optimization proposal based on gossip protocol for the cloud	2017	International Journal of Applied Engineering Research		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85040225880&partnerID=40&md5=c2c88585fc672f0078e4f8d47426bde7	Research India Publications subscription@ripublication.com
941	Roy, S.S.	On the Einstein relation under size quantization in heterostructures semiconductor	2017	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.2249554	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85039431090&doi=10.1117%2F12.2249554&partnerID=40&md5=3b64621afa8cf8290652d62bc4e3eb4e	SPIE spie@spie.org



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942	Ghosal, A.; Chakraborty, S.; Maity, S.; Paul, A.; Roy, P.	Low-cost and secured biometric system-based EVM with instant counting by wireless transmission of data to a central place	2017		10.1201/9781315400624-27	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034821034&doi=10.1201%2F9781315400624-27&partnerID=40&md5=3ea28b9950ad932e1fe5da9256110884	CRC Press/Balkema
943	Majumder, D.; BISWAS, A.; Sahu, S.; Haldar, P.	Validation of questionnaires for measuring morningness of students and shift workers in Indian population using intelligent fuzzy system	2017	Intelligent Decision Technologies	10.3233/IDT-170294	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032792144&doi=10.3233%2FIDT-170294&partnerID=40&md5=58fea4f4589cd99d4c155daf9d92eda8	IOS Press Nieuwe Hemweg 6B Amsterdam 1013 BG
944	Chakraborti, D.; Biswas, P.; Pal, B.B.	Modelling multiobjective bilevel programming for environmental-economic power generation and dispatch using genetic algorithm	2017	Communications in Computer and Information Science	10.1007/978-981-10-6430-2_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85032491201&doi=10.1007%2F978-981-10-6430-2_33&partnerID=40&md5=1a8241943b38371d814d4fbfcdd13c1f	Springer Verlag service@springer.de
945	Majumder, D.; Debnath, J.; BISWAS, A.	Interval type-2 mamdani fuzzy inference system for morningness assessment of individuals	2017	Advances in Intelligent Systems and Computing	10.1007/978-981-10-3174-8_57	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85027143814&doi=10.1007%2F978-981-10-3174-8_57&partnerID=40&md5=5d4f58e971deec11a8edf61166658c79	Springer Verlag service@springer.de



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946	Bhattacharjee, S.; Dutta, T.; Bhattacharjee, C.	Removal of arsenic from contaminated water using micellar- enhanced-ultrafiltration	2017	Indian Journal of Environmental Protection		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85020858327&partnerID=40&md5=69ae7dca113e0f41c8637fefbde36ba5	Scientific Publishers
947	Majumder, D.; Sahu, S.; BISWAS, A.	A fuzzy reasoning approach for assessing morningness of individuals using reduced version of Morningness- Eveningness Questionnaire	2017	International Journal of Computational Intelligence Systems	10.2991/ijcis. 2017.10.1.24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018793798&doi=10.2991%2Fijcis.2017.10.1.24&partnerID=40&md5=fb2f79ce16f8b79d742d588f6d3043b4	Taylor and Francis Ltd. michael. wagreich@univie.ac.at
948	Halder, S.; Bhupal, S.; Sen, S.; Sandel, P.; Bose, U.; Bhattacharyya, S.	A method of arbitrary waveform generation with microcontrollers	2017		10.1201 /978131537502 1-24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018646916&doi=10.1201%2F9781315375021-24&partnerID=40&md5=d7f0fb3fa310377bf2deb0078d0e58c4	CRC Press/Balkema http://Pub. NL@taylorandfrancis.com
949	Das, S.; Bhattacharjee, S.; Bhattacharyya, S.; Neogi, B.	Study on systemic modeling for cardiac and respiratory system towards support on prosthesis facets	2017		10.1201 /978131537502 1-17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018625626&doi=10.1201%2F9781315375021-17&partnerID=40&md5=8683d27a2229730b92240e361cc0d4ec	CRC Press/Balkema http://Pub. NL@taylorandfrancis.com



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950	Datta, L.P.; Chatterjee, A.; Acharya, K.; De, P.; Das, M.	Enzyme responsive nucleotide functionalized silver nanoparticles with effective antimicrobial and anticancer activity	2017	New Journal of Chemistry	10.1039/c6nj02955h	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85012975601&doi=10.1039%2Fc6nj02955h&partnerID=40&md5=5ea154fde7434a2c2fde09ff9642ca1e	Royal Society of Chemistry
951	Dey, N.; Ahmed, Sk.S.; Chakraborty, S.; Maji, P.; Das, A.; Sinha Chaudhuri, S.S.	Effect of trigonometric functions-based watermarking on blood vessel extraction: An application in ophthalmology imaging	2017	International Journal of Embedded Systems	10.1504/IJES.2017.081720	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85011284411&doi=10.1504%2FIJES.2017.081720&partnerID=40&md5=4789e6b370d438eff587bdc928565a4f	Inderscience Publishers
952	Bose, R.; Sahana, S.; Sarddar, D.	An adaptive cloud communication network using VSAT with enhanced security implementation	2017	Advances in Intelligent Systems and Computing	10.1007/978-981-10-2035-3_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85006036320&doi=10.1007%2F978-981-10-2035-3_13&partnerID=40&md5=d137415a336c32716b1e8375bca02484	Springer Verlag service@springer.de
953	Ahmed, Sk.S.; Dey, N.; Ashour, A.S.; Sifaki-Pistolla, D.; Rad, D.; Balas, V.E.; Tavares, J. M.R.S.	Effect of fuzzy partitioning in Crohn's disease classification: a neuro-fuzzy-based approach	2017	Medical and Biological Engineering and Computing	10.1007/s11517-016-1508-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964221915&doi=10.1007%2Fs11517-016-1508-7&partnerID=40&md5=5cbf4a347dea0ac8c601f31dce67b524	Springer Verlag service@springer.de



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954	Goswami, S.; Dey, U.; Roy, P.; Ashour, A.S.; Dey, N.	Medical video processing: Concept and applications	2016		10.4018/978-1-5225-1025-3.ch001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85015162396&doi=10.4018%2F978-1-5225-1025-3.ch001&partnerID=40&md5=7b238f9cc4657c5464ef542234633da9	IGI Global
955	Das, S.; Pal, S.; Mitra, M.	Significance of Exhaled Breath Test in Clinical Diagnosis: A Special Focus on the Detection of Diabetes Mellitus	2016	Journal of Medical and Biological Engineering	10.1007/s40846-016-0164-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84993961138&doi=10.1007%2Fs40846-016-0164-6&partnerID=40&md5=c643db71417d1f95fd6730ef5b49e98e	Springer Berlin Heidelberg bmes@mail.be.cycu.edu.tw
956	Roy, P.; Chakraborty, S.; Goswami, S.; Azar, A. T.; Dey, N.	Image segmentation using rough set theory: A review	2016		10.4018/978-1-5225-0571-6.ch059	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85014018743&doi=10.4018%2F978-1-5225-0571-6.ch059&partnerID=40&md5=7e08bab915921e1958cf38fc547b1c57	IGI Global



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957	Bhattacharjee, S.; Dutta, T.; Bhattacharjee, C.	Removal of arsenic from contaminated water by coagulation followed by polyelectrolyte enhanced ultrafiltration	2016	Desalination and Water Treatment	10.1080/19443994.2015.1031711	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957441470&doi=10.1080%2F19443994.2015.1031711&partnerID=40&md5=e014ddde2a153fe206f01664fb81d01c	Taylor and Francis Inc. 325 Chestnut St, Suite 800 Philadelphia PA 19106
958	Chowdhury, R.; Khan, J.; Sengupta, S.; Dasgupta, S.; Datta, S.; De, M.	Dynamic referencing data warehouse employing proposed time integrated seed based element engendered cryptographic algorithm	2016	ACM International Conference Proceeding Series	10.1145/2909067.2909094	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84986596476&doi=10.1145%2F2909067.2909094&partnerID=40&md5=d6a5b024dbca222260382b42c948a8e9	Association for Computing Machinery acmhelp@acm.org
959	Banerjee, A.; Das, D.K.	Squaring in Reversible Logic Using Zero Garbage and Reduced Ancillary Inputs	2016	Proceedings of the IEEE International Conference on VLSI Design	10.1109/VLSID.2016.112	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964584057&doi=10.1109%2FVLSID.2016.112&partnerID=40&md5=6a027def80e02ec92fdf5c05dd3f0998	IEEE Computer Society help@computer.org
960	Deyasi, A.; Mukherjee, K.; Bhattacharyya, S.	Dependence of small-signal properties of Si/Si _{0.9} Ge _{0.1} DDR IMPATT on input current density at millimeterwave frequency	2016		10.1109/ICRCICN.2015.7434252	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84965165918&doi=10.1109%2FICRCICN.2015.7434252&partnerID=40&md5=0c467c3cbdc275b105e72ccb70e060cd	Institute of Electrical and Electronics Engineers Inc.



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961	Ray, P.; Maitra, A.K.; Basuray, A.	Entropy-based wavelet de-noising for partial discharge measurement application	2016		10.1109/CMI.2016.7413752	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964407350&doi=10.1109%2FCMI.2016.7413752&partnerID=40&md5=1fd936fece029354d2aa1007c172ce05	Institute of Electrical and Electronics Engineers Inc.
962	Mondal, A.; Chaturvedi, I.; Das, D.; Bajpai, R.; Bandyopadhyay, S.	Lexical Resource for Medical Events: A Polarity Based Approach	2016		10.1109/ICDMW.2015.170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964720217&doi=10.1109%2FICDMW.2015.170&partnerID=40&md5=775f024651528bb90110c92b632710d5	Institute of Electrical and Electronics Engineers Inc.
963	Dutta, S.; Ghosal, P.	Routing solution over a multi-layered Network on Chip	2016		10.1109/CONECCT.2015.7383943	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964796087&doi=10.1109%2FCONECCT.2015.7383943&partnerID=40&md5=83e1795bd39865db5702d69414b31c79	Institute of Electrical and Electronics Engineers Inc.
964	Das, M.; Bhattacharyya, R.; Chakrabarty, D.	Modification of PVC by blending	2016			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85051690470&partnerID=40&md5=798dac418c07abfcd26009cb5a43b8d8	CRC Press



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965	Mahata, S.K.; Das, D.; Pal, S.	WMT2016: A Hybrid Approach to Bilingual Document Alignment	2016	Proceedings of the Annual Meeting of the Association for Computational Linguistics		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85123162042&partnerID=40&md5=e8440a979c81ec6b2904b7296116327	Association for Computational Linguistics (ACL)
966	Bag, S.; Ganguly, K.; Biswas, B.K.	Structural Characterization of Nanocrystalline Hydroxyapatite produced from Waste Egg Shell	2016	Trends in Biomaterials and Artificial Organs		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85030662563&partnerID=40&md5=22ac108e2e1bf96ef1e73513176b5f37	Society for Biomaterials and Artificial Organs - India sharmacp@sbaoi.org
967	Das, M.	Bamboo fiber-based polymer composites	2016		10.1007/978-3-662-49514-8_18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018611173&doi=10.1007%2F978-3-662-49514-8_18&partnerID=40&md5=312e3bddcc2a46caa65fbbc61544a118	Springer Berlin Heidelberg
968	Mandal, S.; Saha, A.	Memristors act as synapses in neuromorphic architectures	2016		10.1109/CESYS.2016.7889862	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85018443970&doi=10.1109%2FCESYS.2016.7889862&partnerID=40&md5=63da5f1e83ef23b94c002e5a5c1069f4	Institute of Electrical and Electronics Engineers Inc.



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969	Chowdhury, R.; Chatterjee, P.; Datta, S.; De, M.	Pseudo mesh schema based data warehouse architecture employing encryption request algorithm and intelligent sensor algorithm for secured transmission and performance enhancement	2016		10.1201/b20012-91	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85016213875&doi=10.1201%2Fb20012-91&partnerID=40&md5=a9078ec9bae61b7d5bb3f2bc5d0b6470	CRC Press/Balkema http://Pub.NL@taylorandfrancis.com
970	Pal, B.; Chowdhury, R.; Verma, K.G.; Dasgupta, S.; Dutta, S.	Proposed BRKSS architecture for performance enhancement of data warehouse employing shared nothing clustering	2016	International Journal of Control Theory and Applications		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85008257516&partnerID=40&md5=fe2c79fbeca106bec52c0848a3b405c2	Serials Publications serialspublications@vsnl.net
971	Saha, S.; Chaki, R.; Chaki, N.	Hierarchical data aggregation based routing for wireless sensor networks	2016	Lecture Notes in Computer Science	10.1007/978-3-319-45246-3_16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84989352513&doi=10.1007%2F978-3-319-45246-3_16&partnerID=40&md5=4e3c4e56b83604de88de121912f8f605	Springer Verlag service@springer.de
972	Banerjee, A.; Das, D.K.	A New Squarer design with reduced area and delay	2016	IET Computers and Digital Techniques	10.1049/iet-cdt.2015.0170	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988942611&doi=10.1049%2Fiet-cdt.2015.0170&partnerID=40&md5=62300331bf27d73954718d6b40bd2c5e	Institution of Engineering and Technology journals@theiet.org



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973	Das, S.; Chandra, S.; Niyogi, A.G.	Vibro-acoustic Analysis Inside Cross Ply Laminated Composite Cavity	2016	Procedia Engineering	10.1016/j.proeng.2016.05.169	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84982955497&doi=10.1016%2Fj.proeng.2016.05.169&partnerID=40&md5=bc1c3f341c6cd11ef01688701de84633	Elsevier Ltd
974	Koley, S.; Sen, S.; Saha, S.; Chakrabarti, S.	Fe(100)-(borazine): N =1-4-Fe(100): A multifunctional spin diode with spin valve action	2016	Physical Chemistry Chemical Physics	10.1039/c6cp01438k	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84971220448&doi=10.1039%2F6c6cp01438k&partnerID=40&md5=b906bfec9a11fe6b05ace247211edf4	Royal Society of Chemistry
975	Chakraborty, S.; Adhikari, A.; Maitra, A.	Rainfall estimation from liquid water content and precipitable water content data over land, ocean and plateau	2016	Atmospheric Research	10.1016/j.atmosres.2015.08.012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84941123920&doi=10.1016%2Fj.atmosres.2015.08.012&partnerID=40&md5=202cbbb2a72456558a543052c846fbf3	Elsevier Ltd
976	Ben Abdesslem Karaa, W.B.A.; Ashour, A.S.; Ben Sassi, D.B.; Roy, P.; Kausar, N.; Dey, N.	Medline text mining: An enhancement genetic algorithm based approach for document clustering	2016	Intelligent Systems Reference Library	10.1007/978-3-319-21212-8_12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937485090&doi=10.1007%2F978-3-319-21212-8_12&partnerID=40&md5=1a9204c9ed5dd4289380b590a0ec55f6	Springer Science and Business Media Deutschland GmbH info@springer-sbm.com



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
977	Banerjee, A.; Das, D.K.	The design of reversible signed multiplier using ancient Indian mathematics	2015	Journal of Low Power Electronics	10.1166/jolpe.2015.1413	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84958172124&doi=10.1166%2Fjolpe.2015.1413&partnerID=40&md5=421dc71f991a52a38e53a619879e60bb	American Scientific Publishers
978	Nandy, S.; Yang, X.-S.; Sarkar, P.P.; Das, A.	Color Image Segmentation By Cuckoo Search	2015	Intelligent Automation and Soft Computing	10.1080/10798587.2015.1025480	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938556026&doi=10.1080%2F10798587.2015.1025480&partnerID=40&md5=bdeedaeb4ba0f6e96de3ef9c35b2920a	Bellwether Publishing, Ltd.
979	Das, R.K.; Das, M.	Catalytic activity of acid and base with different concentration on sol-gel kinetics of silica by ultrasonic method	2015	Ultrasonics Sonochemistry	10.1016/j.ultsonch.2014.11.018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84939976068&doi=10.1016%2Fj.ultsonch.2014.11.018&partnerID=40&md5=c5c05233928094bc6039adb6d4ffca42	Elsevier B.V.
980	Banerjee, A.; Das, D.K.	Squarer design with reduced area and delay	2015		10.1109/ISVDAT.2015.7208092	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84961223779&doi=10.1109%2FISVDAT.2015.7208092&partnerID=40&md5=61f55a5a2d936f96dbda5a7007387c2c	Institute of Electrical and Electronics Engineers Inc.



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981	Iyer, V.R.; Dey, N.; Chakraborty, S.	Advent of information technology in the world of tourism	2015		10.4018/978-1-4666-8699-1.ch003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957621232&doi=10.4018%2F978-1-4666-8699-1.ch003&partnerID=40&md5=1071f7fba53254a8f1bae1789173a811	IGI Global
982	Banerjee, S.; Nath, S.S.; Dey, N.; Eto, H.	Global medical tourism: A review	2015		10.4018/978-1-4666-8577-2.ch007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957635173&doi=10.4018%2F978-1-4666-8577-2.ch007&partnerID=40&md5=3a25ce19dde20d990f387a54c8beefc3	IGI Global
983	Chakraborty, S.; Saha, U.; Maitra, A.	Relationship of convective precipitation with atmospheric heat flux - A regression approach over an Indian tropical location	2015	Atmospheric Research	10.1016/j.atmosres.2015.04.008	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928323280&doi=10.1016%2Fj.atmosres.2015.04.008&partnerID=40&md5=e1c46cebef6371f939c8c7cfb4ebca46	Elsevier Ltd



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984	Deyasi, A.; Bhattacharyya, S.; Das, N.R.	Calculating intersubband transition energy in T-shaped quantum wire using FD technique	2015		10.1109/C3IT. 2015.7060118	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84936110344&doi=10.1109%2FC3IT.2015.7060118&partnerID=40&md5=ba70ad7f478a3e0d3c67bbf3d97074ea	Institute of Electrical and Electronics Engineers Inc.
985	Roy, S.S.; Bandyopadhyay, P.	Entropy-driven denaturation and bubble nucleation in DNA melting	2015	Europhysics Letters	10.1209/0295- 5075/109/4800 2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84924891331&doi=10.1209%2F0295-5075%2F109%2F48002&partnerID=40&md5=261eed20cac9ec4d297d0449879f39	Institute of Physics Publishing custserv@iop. org
986	Bhattacharjee, S.; Das, Z.; Neogi, B.	Design and simulation aspect towards modelling of automatic cardiovascular disorder diagnosis system	2015	International Journal of Biomedical Engineering and Technology	10.1504/IJBET. 2015.073422	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84964899018&doi=10.1504%2FIJBET.2015.073422&partnerID=40&md5=19cd78944fb4c7996b9e01a7f3fff88	Inderscience Publishers



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
987	Roy, S.S.	A simple theoretical approach to the fermi energy under size quantization with quantum mathematical modelling in nanostructured materials	2015	Springer Proceedings in Mathematics and Statistics	10.1007/978-81-322-2547-8_30	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84951787877&doi=10.1007%2F978-81-322-2547-8_30&partnerID=40&md5=4567636e411b664f4d9a2c00cb4c404a	Springer New York LLC barbara.b.bertram@gsk.com
988	Bose, R.; Sahana, S.; Sarddar, D.	An adaptive cloud service observation using billboard manager cloud monitoring tool	2015	International Journal of Software Engineering and its Applications	10.14257/ijseia.2015.9.7.17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84938700080&doi=10.14257%2Fijseia.2015.9.7.17&partnerID=40&md5=ca1eaa5dbb235671d16fb6fa6f03cd77	Science and Engineering Research Support Society ijsbt@sersc.org
989	Bose, R.; Sahana, S.; Sarddar, D.	An Enhanced storage management scheme with search optimization for cloud data center	2015	International Journal of Applied Engineering Research		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937906607&partnerID=40&md5=2808e2db0ddea6feba9f698fda781a0e	Research India Publications subscription@ripublication.com
990	Giri, B.C.; Bhattacharjee, R.; Chakraborty, A.	A vendor-buyer integrated inventory system with vendor's capacity constraint	2015	International Journal of Logistics Systems and Management	10.1504/IJLSM.2015.069728	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84930419290&doi=10.1504%2FIJLSM.2015.069728&partnerID=40&md5=df78353fddbc0d6b934cd133b1acd4f8	Inderscience Publishers



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991	Sanki, D.; Biswas, S.; Sarkar, P.	Variable quantization table creation using genetic algorithm for JPEG compression and steganography	2015	International Journal of Imaging and Robotics		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84929161837&partnerID=40&md5=41c521774a8be2503e055a6ad19b4360	CESER Publications Post Box No. 113 Roorkee 247667
992	Sengupta, S.; Sarkar, P.	A Virtual-Internetworking-Stack (VIS) approach to achieve a flexible, proprietary security model by augmentation of the transport layer under the collaborative framework of sine wave encryption technique and generation of color QR codes	2015	International Journal of Security and its Applications	10.14257/ijisia.2015.9.3.18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84928390107&doi=10.14257%2Fijisia.2015.9.3.18&partnerID=40&md5=bc8021f8f2116092c35ae41e243cee0f	Science and Engineering Research Support Society ijbsbt@sersc.org
993	Biswas, P.; Azar, A.T.; Vaidyanathan, S.	Genetic algorithm based multiobjective bilevel programming for optimal real and reactive power dispatch under uncertainty	2015	Studies in Computational Intelligence	10.1007/978-3-319-11017-2_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84927126833&doi=10.1007%2F978-3-319-11017-2_8&partnerID=40&md5=9904942a38e58346bd90cc53a040b1f0	Springer Verlag service@springer.de



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994	Deyasi, A.; Bhattacharyya, S.	Material composition dependence on optimization of small-signal properties of SixGe1-x DDR IMPATT diode	2015	Lecture Notes in Electrical Engineering	10.1007/978-81-322-2274-3_34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925358117&doi=10.1007%2F978-81-322-2274-3_34&partnerID=40&md5=1e14d7eaae503afebf1d88e065f6bb7a	Springer Verlag service@springer.de
995	Barui, S.; Gharai, S.; Roy, M.; Neogi, B.	Discrete design approach along with performance analysis by controllability and observability testing for a standard prosthetic arm model	2015	Lecture Notes in Electrical Engineering	10.1007/978-81-322-2274-3_33	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84925348688&doi=10.1007%2F978-81-322-2274-3_33&partnerID=40&md5=8ed1ff5b12eff5f7ac2290d1620686f5	Springer Verlag service@springer.de
996	Ghosh, J.G.; Paul, M.	A symmetric key cryptographic technique based on frame rotation of an even ordered square matrix	2015	Advances in Intelligent Systems and Computing	10.1007/978-81-322-2250-7_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922051392&doi=10.1007%2F978-81-322-2250-7_31&partnerID=40&md5=93d67da125346c104a54d036a3002688	Springer Verlag service@springer.de



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997	Pal, B.B.; Biswas, P.	Fuzzy goal programming approach for solving congestion management problem in electrical transmission network using genetic algorithm	2015	Advances in Intelligent Systems and Computing	10.1007/978-81-322-2250-7_70	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84922041963&doi=10.1007%2F978-81-322-2250-7_70&partnerID=40&md5=9fdd57a20019dd6ebbbb e17754821059	Springer Verlag service@springer.de
998	Paul, M.	Modified PCT on variable cipher block chaining mode	2015	Advances in Intelligent Systems and Computing	10.1007/978-81-322-2247-7_47	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921961493&doi=10.1007%2F978-81-322-2247-7_47&partnerID=40&md5=3a14d7bda8bb3d3f51d98f8d2dcebb7f	Springer Verlag service@springer.de
999	Dey, N.; Dey, M.; Mahata, S.K.; Das, A.; Sinha Chaudhuri, S.S.	Tamper detection of electrocardiographic signal using watermarked bio-hash code in wireless cardiology	2015	International Journal of Signal and Imaging Systems Engineering	10.1504/IJSISE.2015.067069	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921907962&doi=10.1504%2FIJSISE.2015.067069&partnerID=40&md5=8f5131dd5c14cd2e52733c06cd247c76	Inderscience Publishers



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1000	Mukherjee, A.; Dey, G.; Dey, M.; Dey, N.	Web-based intelligent EEG signal authentication and tamper detection system for secure telemonitoring	2015	Intelligent Systems Reference Library	10.1007/978-3-319-10978-7_11	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921469864&doi=10.1007%2F978-3-319-10978-7_11&partnerID=40&md5=5a1d6e562bc278b63235d48b17cdf5cd	Springer Science and Business Media Deutschland GmbH info@springer-sbm.com
1001	Chowdhuri, S.; Dey, N.; Chakraborty, S.; Baneerjee, P.K.	Analysis of performance of MIMO Ad hoc Network in terms of information efficiency	2015	Advances in Intelligent Systems and Computing	10.1007/978-3-319-13731-5_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915818694&doi=10.1007%2F978-3-319-13731-5_6&partnerID=40&md5=1cf59069ebc4280bdb084ec3e6dc1e2c	Springer Verlag service@springer.de
1002	Paul, M.; Mandal, J.K.	A cryptography scheme through cascaded session based symmetric keys for ubiquitous computing	2015	Advances in Intelligent Systems and Computing	10.1007/978-3-319-13728-5_59	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84915755936&doi=10.1007%2F978-3-319-13728-5_59&partnerID=40&md5=5a923688069ffb0c1210ff03cd8fd2a7	Springer Verlag service@springer.de



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1003	DasGupta, S.; Chaki, R.	Trust-based routing for vehicular ad hoc network	2015	Advances in Intelligent Systems and Computing	10.1007/978-81-322-1985-9_13	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906871832&doi=10.1007%2F978-81-322-1985-9_13&partnerID=40&md5=a3cf2fbe6b4f7411818be4b3d5bec1aa	Springer Verlag
1004	Acharjee, S.; Ray, R.; Chakraborty, S.; Nath, S.; Dey, N.	Watermarking in motion vector for security enhancement of medical videos	2014		10.1109/ICCICCT.2014.6993019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921688627&doi=10.1109%2FICCICCT.2014.6993019&partnerID=40&md5=4838862e712c3ec978ea7f775ee58208	Institute of Electrical and Electronics Engineers Inc.
1005	Chowdhury, S.R.; Ray, R.; Dey, N.; Chakraborty, S.; Ben Abdesslem Karaa, W.; Nath, S.	Effect of demons registration on biomedical content watermarking	2014		10.1109/ICCICCT.2014.6993015	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921686788&doi=10.1109%2FICCICCT.2014.6993015&partnerID=40&md5=f982dce40d203fd5faa2cefb8872acc2	Institute of Electrical and Electronics Engineers Inc.



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1006	Roy, P.; Dutta, S.; Dey, N.; Dey, G.; Chakraborty, S.; Ray, R.	Adaptive thresholding: A comparative study	2014		10.1109/ICCICCT.2014.6993140	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921666436&doi=10.1109%2FICCICCT.2014.6993140&partnerID=40&md5=1639d4af8fccb8ea4ed636a01e7c4d95	Institute of Electrical and Electronics Engineers Inc.
1007	Bose, S.; Madhulika; Acharjee, S.; Chowdhury, S.R.; Chakraborty, S.; Dey, N.	Effect of watermarking in vector quantization based image compression	2014		10.1109/ICCICCT.2014.6993014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921666176&doi=10.1109%2FICCICCT.2014.6993014&partnerID=40&md5=6aefd91034307dbc622a4b8ff6297a77	Institute of Electrical and Electronics Engineers Inc.
1008	Chakraborty, S.; Dey, N.; Nath, S.; Roy, S.; Acharjee, S.	Effects of rigid, affine, b-splines and demons registration on video content: A review	2014		10.1109/ICCICCT.2014.6993013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921665293&doi=10.1109%2FICCICCT.2014.6993013&partnerID=40&md5=834f72148bcb904ac289c156bcbc0592	Institute of Electrical and Electronics Engineers Inc.



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1009	Nath, S.; Mishra, G.; Kar, J.; Chakraborty, S.; Dey, N.	A survey of image classification methods and techniques	2014		10.1109 /ICCICCT. 2014.6993023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921663384&doi=10.1109%2FICCICCT.2014.6993023&partnerID=40&md5=9d802187e188560f51774b72da46d37d	Institute of Electrical and Electronics Engineers Inc.
1010	Nandi, S.; Roy, S.; Nath, S.; Chakraborty, S.; Ben Abdessalem Karaa, W.; Dey, N.	1-D group cellular automata based image encryption technique	2014		10.1109 /ICCICCT. 2014.6993017	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921645218&doi=10.1109%2FICCICCT.2014.6993017&partnerID=40&md5=1ce991886352e1fc962396df00a1cdb	Institute of Electrical and Electronics Engineers Inc.
1011	Biswas, S.; Chatterjee, A.; Goswami, S.K.	An artificial bee colony based optimal placement and sizing of distributed generation	2014		10.1109/CIEC. 2014.6959109	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914689927&doi=10.1109%2FCIEC.2014.6959109&partnerID=40&md5=99f70fea3b08360a7fd6c63f7eb006d5	Institute of Electrical and Electronics Engineers Inc.



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1012	Bhattacharjee, S.; Das, Z.; Das, A.K.; Roy, S.; Neogi, B.	An approach towards error less ECG signal equation based on computational simulation aspect with modeling of cardiovascular disorder diagnosis	2014		10.1109/CIEC.2014.6959074	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84914673971&doi=10.1109%2FCIEC.2014.6959074&partnerID=40&md5=ec7f6259f8ca0a28a7ec4c76ae6f3f4f	Institute of Electrical and Electronics Engineers Inc.
1013	BISWAS, A.; Adan, A.; Haldar, P.; Majumder, D.; Natale, V.; Randler, C.; Tonetti, L.; Sahu, S.	Exploration of transcultural properties of the reduced version of the Morningness-Eveningness Questionnaire (rMEQ) using adaptive neuro-fuzzy inference system	2014	Biological Rhythm Research	10.1080/09291016.2014.939442	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907590626&doi=10.1080%2F09291016.2014.939442&partnerID=40&md5=35518aa5d96c402fe119fa1e8792402e	Taylor and Francis Ltd.
1014	Sen, S.; Chakrabarti, S.	Graphitic Silicon Nitride: A Metal-Free Ferromagnet with Charge and Spin Current Rectification	2014	ChemPhysChem	10.1002/cphc.201402265	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84957795471&doi=10.1002%2Fcphc.201402265&partnerID=40&md5=e6a88190a6ea4dde4a6a7412f8baf54c	Wiley-VCH Verlag info@wiley-vch.de
1015	Das, D.; Maji, P.; Dey, G.; Dey, N.	Ethical E-health: A possibility of the future or a distant dream?	2014	International Journal of E-Health and Medical Communications	10.4018/ijehmc.2014070102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84919774656&doi=10.4018%2Fijehmc.2014070102&partnerID=40&md5=9b3c322a2190544c2a2631b637fb9fd9	IGI Global



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1016	Dey, M.; Dey, N.; Mahata, S.K.; Chakraborty, S.; Acharjee, S.; Das, A.	Electrocardiogram feature based inter-human biometric authentication system	2014		10.1109/ICESC.2014.57	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896790256&doi=10.1109%2FICESC.2014.57&partnerID=40&md5=43dce44fc48c6e5150a00928168a71ff	
1017	Chakraborty, S.; Maji, P.; Pal, A.K.; Biswas, D.; Dey, N.	Reversible color image watermarking using trigonometric functions	2014		10.1109/ICESC.2014.23	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896771447&doi=10.1109%2FICESC.2014.23&partnerID=40&md5=98007770d3508cd2f5944f97e324d9a9	
1018	Chowdhuri, S.; Das, S. K.; Roy, P.; Chakraborty, S.; Maji, M.; Dey, N.	Implementation of a new packet broadcasting algorithm for MIMO equipped Mobile ad-hoc network	2014		10.1109/CIMCA.2014.7057826	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988305274&doi=10.1109%2FCIMCA.2014.7057826&partnerID=40&md5=291797d10266ba8e724cc818d19db9a8	Institute of Electrical and Electronics Engineers Inc.
1019	Bose, S.; Chowdhury, S. R.; Sen, C.; Chakraborty, S.; Redha, T.; Dey, N.	Multi-thread video watermarking: A biomedical application	2014		10.1109/CIMCA.2014.7057798	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84988302548&doi=10.1109%2FCIMCA.2014.7057798&partnerID=40&md5=2c1fb214a827c9e9d3258bc686a962d1	Institute of Electrical and Electronics Engineers Inc.



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1020	Chakraborty, S.; Mukherjee, A.; Chatterjee, D.; Maji, P.; Acharjee, S.; Dey, N.	A semi-automated system for optic nerve head segmentation in digital retinal images	2014		10.1109/ICIT.2014.51	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937410866&doi=10.1109%2FICIT.2014.51&partnerID=40&md5=dcb59d4891e41b777140e27f0be04bf8	Institute of Electrical and Electronics Engineers Inc.
1021	Chattopadhyaya, M.; Sen, S.; Mehboob Alam, M.M.; Chakrabarti, S.	On site coulomb repulsion dominates over the non-local Hartree-Fock exchange in determining the band gap of polymers	2014	Journal of Physics and Chemistry of Solids	10.1016/j.jpics.2013.09.018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888388389&doi=10.1016%2Fj.jpics.2013.09.018&partnerID=40&md5=52736522eb760e86093bdbf5926fc553	
1022	Saha, P.; Banerjee, A.; Bhattacharyya, P.; Dandapat, A.	Improved matrix multiplier design for high-speed digital signal processing applications	2014	IET Circuits, Devices and Systems	10.1049/iet-cds.2013.0117	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84892656284&doi=10.1049%2Fiet-cds.2013.0117&partnerID=40&md5=7032bfa5fabf3fb4d26b9cd9d01d3512	



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1023	Chowdhury, R.; Datta, S.; Dey, S.K.; Shaw, S.	Design and implementation of Proposed Drawer Model Based Data Warehouse Architecture incorporating DNA Translation cryptographic algorithm for security enhancement	2014		10.1109/IC3I.2014.7019812	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84949922435&doi=10.1109%2FIC3I.2014.7019812&partnerID=40&md5=55e8dc75f2423ff528e861aaee6ef79c	Institute of Electrical and Electronics Engineers Inc.
1024	Dasgupta, H.; Chakrabarti, S.	Touching sets and its applications	2014	International Journal of Mathematical Analysis	10.12988/ijma.2014.48262	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84921725897&doi=10.12988%2Fijma.2014.48262&partnerID=40&md5=b247a310877376fb92dfa86b099d5327	Hikari Ltd. hikaripublishers@m-hikari.com HIKARI LTD, P.O. Box 15 Ruse 7005
1025	Sengupta, S.; Sarkar, P. P.	A novel approach towards detection of spoofed manufacturer identity under the collaborative frameworks of mobile computing and product specific QR codes	2014	International Journal of Security and its Applications	10.14257/ijssia.2014.8.6.22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84918769108&doi=10.14257%2Fijssia.2014.8.6.22&partnerID=40&md5=4c11aab029ada473f090dfc6850b9056	Science and Engineering Research Support Society ijsbst@sersc.org



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1026	Dey, N.; Samanta, S.; Chakraborty, S.; Das, A.; Sinha Chaudhuri, S. S.; Suri, J.S.	Firefly algorithm for optimization of scaling factors during embedding of manifold medical information: An application in ophthalmology imaging	2014	Journal of Medical Imaging and Health Informatics	10.1166/jmihi.2014.1265	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84911360773&doi=10.1166%2Fjmihi.2014.1265&partnerID=40&md5=a61cfb54f3ece05f584bd399a20bdf5	American Scientific Publishers order@aspbs.com; wolfram.schommers@iwr.fzk.de jbmbe.mohanty@gmail.com
1027	Samanta, S.; Ahmed, S. S.; Salem, M.A.-M.M.; Nath, S.; Dey, N.; Chowdhury, S.S.	Haralick features based automated glaucoma classification using back propagation neural network	2014	Advances in Intelligent Systems and Computing	10.1007/978-3-319-11933-5_38	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84910679510&doi=10.1007%2F978-3-319-11933-5_38&partnerID=40&md5=36a3aff8739bc3f081f869d2acb9e12c	Springer Verlag service@springer.de
1028	Sengupta, S.; Sarkar, D. C.; Biswas, S.; Sarkar, P. P.	A Novel approach to identify a fraud website using android smartphone under the collaborative frameworks of QR codes and GPS and motion parameters of the user	2014	International Journal of Security and its Applications	10.14257/ijasia.2014.8.5.16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84907816589&doi=10.14257%2Fijasia.2014.8.5.16&partnerID=40&md5=69cad7b027ce5b842e574dd5525685d6	Science and Engineering Research Support Society ijbsbt@sersc.org
1029	Saha, P.; Banerjee, A.; Dandapat, A.; Bhattacharyya, P.	High speed multiplier using high accuracy floating point logarithmic number system	2014	Scientia Iranica		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84906253642&partnerID=40&md5=27eb5ae837a4aa09ade3b6112281f2ac	Sharif University of Technology



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1030	Biswas, A.; Bhattacharjee, S.	Temperature dependent model for threshold voltage and subthreshold slope of strained-Si channel MOSFETs with a polysilicon gate	2014	Microelectronics Reliability	10.1016/j.microrel.2014.03.009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84905915751&doi=10.1016%2Fj.microrel.2014.03.009&partnerID=40&md5=f15f0217664149cedd24c0573b6a611e	Elsevier Ltd
1031	Bag, S.; Pal, S.	Design and fabrication of polymer-ceramic composite hip prosthesis	2014	International Journal of Pharma and Bio Sciences		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904914801&partnerID=40&md5=90a391f8588ddc0418914d40569c3262	International Journal of Pharma and Bio Sciences prasmol@rediffmail.com
1032	Nath, I.; Chatterjee, M.; Bhattacharya, U.	A survey on regenerator placement problem in translucent optical network	2014		10.1109/CSCITA.2014.6839295	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904204566&doi=10.1109%2FCSCITA.2014.6839295&partnerID=40&md5=f16d44d3c9ba4c8ef66d10f8c43bf5f9	IEEE Computer Society help@computer.org
1033	BISWAS, A.; Majumder, D.	Genetic algorithm based hybrid fuzzy system for assessing morningness	2014	Advances in Fuzzy Systems	10.1155/2014/732831	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84904176855&doi=10.1155%2F2014%2F732831&partnerID=40&md5=c135090c334237a472f773461c4a3a86	Hindawi Publishing Corporation 410 Park Avenue, 15th Floor, 287 pmb New York NY 10022



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1034	Chakraborty, S.; Chakraborty, D.; Dey, B.; Banerjee, S.; Singh, S.	Evaluation of the effective usage of web site using interactions of users for refinement	2014		10.1109/CSNT. 2014.102	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84902578805&doi=10.1109%2FCSNT.2014.102&partnerID=40&md5=3c32f7a998d557841251814c86deb16d	IEEE Computer Society help@computer.org
1035	Bhattacharjee, S.; Biswas, A.	Analog circuit performance of high mobility ultrathin-body InAsSb-on-insulator MOSFETs	2014		10.1109 /TechSym. 2014.6808084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901766815&doi=10.1109%2FTechSym.2014.6808084&partnerID=40&md5=c10bdfbc21ef6fd6e91754cd994fd5c3	IEEE Computer Society help@computer.org
1036	Roy, S.; Gupta, S.	The green cloud effective framework: An environment friendly approach reducing CO2 level	2014		10.1109 /ICONCE. 2014.6808718	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901360107&doi=10.1109%2FICONCE.2014.6808718&partnerID=40&md5=fa28f248a31be61a76c63b020827f466	IEEE Computer Society help@computer.org
1037	Naskar, R.; Das, P.; Mandal, R.	A unique model of Characterization & performance estimation of various solar photovoltaic cells/modules using microcontroller	2014		10.1109 /ICONCE. 2014.6808691	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901356528&doi=10.1109%2FICONCE.2014.6808691&partnerID=40&md5=18e4f6034af10a719d504509f5494365	IEEE Computer Society help@computer.org



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1038	Debnath, C.; Dey, B.	Defense mechanisms for grid disturbance in India due to power swing in the interconnected grids	2014		10.1109/ICONCE.2014.6808730	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901344231&doi=10.1109%2FICONCE.2014.6808730&partnerID=40&md5=00bb8ad4dd788fa9da21bcecc6092db0	IEEE Computer Society help@computer.org
1039	Biswas, S.; Chatterjee, R.; Pramanik, R.	Optimization of electrical power networks with wind generator integration	2014		10.1109/ICONCE.2014.6808710	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901343868&doi=10.1109%2FICONCE.2014.6808710&partnerID=40&md5=ffe402644a0e4a646d58ec5cc436d5ab	IEEE Computer Society help@computer.org
1040	Das, S.; Dey, A.; Biswas, A.; Mohanty, A.	A novel design of super-capacitor used to enhance solar-energy restoration of photo-voltaic cells	2014		10.1109/ICONCE.2014.6808683	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901342647&doi=10.1109%2FICONCE.2014.6808683&partnerID=40&md5=65d22e106223c604c5bc217af4b4ee57	IEEE Computer Society help@computer.org



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1041	Ray, P.; Mitra, S.K.	Editorial message	2014		10.1109 /ICONCE. 2014.6808674	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901338147&doi=10.1109%2FICONCE.2014.6808674&partnerID=40&md5=d5209b66ef3af1eab939915c0af21b04	IEEE Computer Society help@computer.org
1042	Chowdhury, R.; Neogi, B.; Das, Z.; Chatterjee, P.; Ghosh, S.	Advancement and up gradation aspects en route for enhancement of rubber plant industry performance by introducing scholastic support through the proposed CDGN Model	2014		10.1109 /ICONCE. 2014.6808736	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901330251&doi=10.1109%2FICONCE.2014.6808736&partnerID=40&md5=d63a6099bede6f55be4516fd9690d942	IEEE Computer Society help@computer.org
1043	Saha, S.; Biswas, S.; Pal, S.	Survey analysis, scope and application of biomass energy in India	2014		10.1109 /ICONCE. 2014.6808698	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901324315&doi=10.1109%2FICONCE.2014.6808698&partnerID=40&md5=c4eaceaf97ebdbe560465c31c42cd01a	IEEE Computer Society help@computer.org



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1044	Chakrabarty, S.; Pal, A. K.; Dey, N.; Das, D.; Acharjee, S.	Foliage area computation using monarch butterfly algorithm	2014		10.1109/ICONCE.2014.6808740	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901320703&doi=10.1109%2FICONCE.2014.6808740&partnerID=40&md5=be206f89976fb697ea1801b665c87228	IEEE Computer Society help@computer.org
1045	Das, P.	Solar energy utilization for geographical exploration	2014		10.1109/ICONCE.2014.6808685	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901311722&doi=10.1109%2FICONCE.2014.6808685&partnerID=40&md5=3e3dfdad848611c315bada657ac5d0e1	IEEE Computer Society help@computer.org
1046	Bhattacharjee, R.	Switched reluctance motor applications to EV and HEV: Torque control issues	2014		10.1109/ICONCE.2014.6808735	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901303109&doi=10.1109%2FICONCE.2014.6808735&partnerID=40&md5=ef2f1a0f48a0c4f318533adcc01b0509	IEEE Computer Society help@computer.org



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1047	Manna, N.	Study on piezoelectric elements for energy harvesting	2014		10.1109/ /ICONCE. 2014.6808737	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901293078&doi=10.1109%2FICONCE.2014.6808737&partnerID=40&md5=ea71c837cc98d3d1950446ef0566bb13	IEEE Computer Society help@computer.org
1048	Biswas, S.; Goswami, S. K.; Chatterjee, A.	Optimal distributed generation placement in shunt capacitor compensated distribution systems considering voltage sag and harmonics distortions	2014	IET Generation, Transmission and Distribution	10.1049/iet-gtd.2013.0423	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899799866&doi=10.1049%2Fiet-gtd.2013.0423&partnerID=40&md5=3b0749d4e23a1027338a1bf3284d70cc	Institution of Engineering and Technology journals@theiet.org
1049	Choudhury, D.; Lohar, G.	Twin image elimination in digital holography by combination of Fourier transformations	2014	Journal of Optics (India)	10.1007/ /s12596-013- 0149-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897374825&doi=10.1007%2Fs12596-013-0149-6&partnerID=40&md5=ca0d28cb184693bc7a2010960a6d82c	Optical Society of India asi@cucc.ernet.in
1050	Chakraborty, S.; Chaki, N.	Generic organization of semi-structured data	2014	Computer Systems Science and Engineering		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896343243&partnerID=40&md5=c3bb18a10846eea7d1ddd5d334b2cfd1	CRL Publishing admin@crlpublishing.co.uk



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1051	Biswas, P.; Pal, B.B.	A Trilevel Programming Approach to Solve Reactive Power Dispatch Problem Using Genetic Algorithm Based Fuzzy Goal Programming	2014	Advances in Intelligent Systems and Computing	10.1007/978-3-319-03107-1_24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888395983&doi=10.1007%2F978-3-319-03107-1_24&partnerID=40&md5=332cd5de084f67c7ac9636885582e619	Springer Verlag service@springer.de
1052	Sen, S.; Chakrabarti, S.	In silico design of a tunable molecular spin filter using chromium-carbon-chromium chains	2014	Chemical Physics	10.1016/j.chemphys.2013.10.022	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888152668&doi=10.1016%2Fj.chemphys.2013.10.022&partnerID=40&md5=624be58e2ba88768c49bc2f17529b6bd	
1053	Pal, B.B.; Biswas, P.	GA Based FGP to Solve BLP Model of EEPGD Problem	2014		10.4018/978-1-4666-5202-6.ch094	https://www.scopus.com/inward/record.uri?eid=2-s2.0-105011417516&doi=10.4018%2F978-1-4666-5202-6.ch094&partnerID=40&md5=c83fcbc0be6fb10c4d06b974d1ef4ecc	IGI Global
1054	Mondal, R.; Pal, S.	Microcontroller based temperature monitoring and closed loop control to study the reaction of controlled variable with respect to load changes	2013	Sensors and Transducers		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894462479&partnerID=40&md5=17611810ef7adf44ce7acd265546b4cc	



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1055	Rakshit, P.; Bhowmik, K.	Detection of presence of parasites in human RBC in case of diagnosing malaria using image processing	2013		10.1109/ICIIP.2013.6707610	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893741873&doi=10.1109%2FICIIP.2013.6707610&partnerID=40&md5=8490c9fa16b2b651c2bba3ad3fc4ba8f	
1056	Das, S.; Chakraborty, S.; Maitra, A.	Radiometric measurements of cloud attenuation at a tropical location in India	2013	Journal of Atmospheric and Solar-Terrestrial Physics	10.1016/j.jastp.2013.09.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885211158&doi=10.1016%2Fj.jastp.2013.09.003&partnerID=40&md5=6c9d2437fa5169311b7d1a6c3204fbf6	
1057	Roy, S.S.; Bandyopadhyay, P.	Torsion and entropy driven denaturation of DNA	2013	Physics Letters, Section A: General, Atomic and Solid State Physics	10.1016/j.physleta.2013.08.047	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885023043&doi=10.1016%2Fj.physleta.2013.08.047&partnerID=40&md5=e0e4bfe3bf02269e03b92c388fef0141	Elsevier B.V.
1058	Chatterjee, S.; Chowdhury, S.K.; Sarkar, P.P.; Sarkar, D. C.	Compact microstrip patch antenna for microwave communication	2013	Indian Journal of Pure and Applied Physics		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84887847048&partnerID=40&md5=b7ac3938e43fc170b67fcabf19c99a55	



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1059	Pal, S.; Ray, S.P.; Dasgupta, D.; Chongdar, L.	Performance Analysis of a Three Level Twelve-pulse VSC based STATCOM under Fault Condition	2013	Indian Journal of Science and Technology		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885824807&partnerID=40&md5=0e1d3c463d4736c887434837a4b114e2	
1060	Ray, P.; Maitra, A.K.; Basuray, A.	Extract Partial Discharge signal using wavelet for on-line measurement	2013		10.1109/iccsp.2013.6577184	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883439193&doi=10.1109%2Ficcsp.2013.6577184&partnerID=40&md5=c97e1e2b4a552c1f119a2b66dbb44827	
1061	Choudhury, D.; John Caulfield, H.	Artificial color perception using microwaves	2013	Journal of Optics (India)	10.1007/s12596-013-0129-x	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84883448579&doi=10.1007%2Fs12596-013-0129-x&partnerID=40&md5=13987b00a8453b5db5fdf1b0f8a27994	
1062	Ray, P.; Basuray, A.; Maitra, A.K.	Optimum wavelet bases selection for wavelet based de-noising in partial discharge measurement	2013		10.1109/CICT.2013.6558265	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881630080&doi=10.1109%2FCICT.2013.6558265&partnerID=40&md5=f1817780943fd846b79db6d4919ed50b	



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1063	Bag, S.; Pal, S.; Biswas, B.K.; Chakraborty, S.N.	Tissue attachment on hydroxyapatite coated polymer-ceramic composite implant	2013	International Journal of Pharma and Bio Sciences		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881390041&partnerID=40&md5=c633780e9bb58fc720334d35e8017fd7	
1064	Sengupta, S.	An approach to provide a network layer security model with QR code generated with shuffled GPS parameters as embedded keys traveling over Internet using existing IPv4 mechanism	2013	Computer Networks	10.1016/j.comnet.2013.04.003	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879415197&doi=10.1016%2Fj.comnet.2013.04.003&partnerID=40&md5=1cf69df05bce8496aabba3ea88fe4bf4	
1065	Roy, S.S.	The simple theoretical analysis of quantum well wires superlattice (QWSL) of communication technology	2013	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.2019051	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880779676&doi=10.1117%2F12.2019051&partnerID=40&md5=f3d0375bd5ce772b72e9c84ba4d62941	
1066	Acharjee, S.; Biswas, D.; Dey, N.; Maji, P.; Sinha Chaudhuri, S.S.	An efficient motion estimation algorithm using division mechanism of low and high motion zone	2013		10.1109/iMac4s.2013.6526402	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880121992&doi=10.1109%2FiMac4s.2013.6526402&partnerID=40&md5=22cbe2763d2ff0d9577308ca9b74c6a6	



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1067	Datta, B.; Das, A.; Kundu, A.; Chatterjee, S.; Mukherjee, M.; Chowdhury, S.K.	Twice-band irregular rectangular cut-in microstrip patch antenna for microwave communication	2013		10.1109/ICICES.2013.6508388	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879870291&doi=10.1109%2FICICES.2013.6508388&partnerID=40&md5=208c38e4b6c98d0393d4c5152a4ed686	
1068	Dey, N.; Nandi, B.; Dey, M.; Biswas, D.; Das, A.; Sinha Chaudhuri, S.S.	BioHash code generation from electrocardiogram features	2013		10.1109/IAdCC.2013.6514317	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879861318&doi=10.1109%2FIAdCC.2013.6514317&partnerID=40&md5=b9bba3da21c5ab470f96ed00638ae83b	
1069	Datta, B.; Das, A.; Kundu, A.; Mukherjee, M.; Chowdhury, S.K.	Triple band slotted patch antenna for microwave communication	2013		10.1109/IAdCC.2013.6514221	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879854160&doi=10.1109%2FIAdCC.2013.6514221&partnerID=40&md5=78218ee6a3e82b36064495e078faf899	



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1070	Das, A.; Datta, B.; Chatterjee, S.; Mukherjee, M.; Chowdhury, S.K.	Dual-band slotted microstrip patch antenna design for application in microwave communication	2013		10.1109/ICICES.2013.6508247	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879847635&doi=10.1109%2FICICES.2013.6508247&partnerID=40&md5=71b95f2e05f4f10bb8a0fd71a37478d4	
1071	Dey, N.; Maji, P.; Das, P.; Biswas, S.; Das, A.; Sinha Chaudhuri, S.S.	An edge based blind watermarking technique of medical images without devalorizing diagnostic parameters	2013		10.1109/ICAdTE.2013.6524732	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879665947&doi=10.1109%2FICAdTE.2013.6524732&partnerID=40&md5=41ff3786524feb867f40323ace91a77c	
1072	Mandala, S.; Majee, N. C.; Roy, A.B.	Global exponential stability of periodic solution to cohen-grossberg type neural network with both ordinary and neutral type discrete time varying delays: An LMI approach	2013	Applied Mathematical Sciences		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878635485&partnerID=40&md5=ab2b7ade6af5f8dd261dd9876cfaca29	



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1073	Das, S.; Sarkar, P.P.; Chowdhury, S.K.	Investigations on miniaturized multifrequency microstrip patch antennas for wireless communication applications	2013	Journal of Electromagnetic Waves and Applications	10.1080/09205071.2013.802656	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84879070802&doi=10.1080%2F09205071.2013.802656&partnerID=40&md5=e61ec2c1c62bbf340c3cc655c839c770	
1074	Roy, B.; Sarkar, P.P.; Chowdhury, S.K.	Wideband rectangular wearable jeans antenna	2013	Microwave and Optical Technology Letters	10.1002/mop.27548	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875747257&doi=10.1002%2Fmop.27548&partnerID=40&md5=baf35f3ca8015ebbc550202fb18c7ec	
1075	Chatterjee, S.; Ghosh, K.; Paul, J.; Chowdhury, S.K.; Chanda, D.; Sarkar, P.P.	Compact microstrip antenna for mobile communication	2013	Microwave and Optical Technology Letters	10.1002/mop.27517	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875414181&doi=10.1002%2Fmop.27517&partnerID=40&md5=6d4bf8985b056f4822fab6e4198d82b2	
1076	Som, S.; Banerjee, M.	Cryptographic technique by square matrix and single point crossover on binary field	2013		10.1109/ICCSPA.2013.6487257	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876055224&doi=10.1109%2FICCSPA.2013.6487257&partnerID=40&md5=d505ee96719497d8eb511cbb9e8d3434	



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1077	Chakraborty, S.; Maitra, A.	Interrelation between microphysical and optical properties of cloud and rainfall in the Indian region	2013	Indian Journal of Radio and Space Physics		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876977957&partnerID=40&md5=f6fb5d2223983e369f3146f7539a934c	
1078	Mandal, S.; Chatterjee, S.; Neogi, B.	Diagnosis and troubleshooting of computer faults based on expert system and artificial intelligence	2013	International Journal of Pure and Applied Mathematics	10.12732/ijpam.v83i5.15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875391865&doi=10.12732%2Fijpam.v83i5.15&partnerID=40&md5=04c8993996855a0e0fe636e91635acee	
1079	Chakraborty, U.; Chowdhury, S.K.; Bhattacharjee, A.K.	Frequency tuning and miniaturization of square microstrip antenna embedded with "t"-shaped defected ground structure	2013	Microwave and Optical Technology Letters	10.1002/mop.27417	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874440141&doi=10.1002%2Fmop.27417&partnerID=40&md5=15bf332f6fd0d77ba4ed2525e10f6c0c	
1080	Biswas, S.; Chatterjee, A.; Goswami, S.K.	An artificial bee colony-least square algorithm for solving harmonic estimation problems	2013	Applied Soft Computing	10.1016/j.asoc.2012.12.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84875172810&doi=10.1016%2Fj.asoc.2012.12.006&partnerID=40&md5=be9e2694aad16f9c8f89a88ca016fcf5	



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1081	Dey, N.; Nandi, B.; Das, P.; Das, A.; Sinha Chaudhuri, S.S.	Retention of electrocardiogram features insignificantly devalored as an effect of watermarking for a multimodal biometric authentication system	2013			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076984380&partnerID=40&md5=9a32623632124d2c9d9e2e53b0062525	CRC Press
1082	Ray, P.; Maitra, A.K.; Basuray, A.	On-line partial discharge monitoring using MATLAB interface with DSO	2013		10.1109/CATCON.2013.6737532	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896785545&doi=10.1109%2FCATCON.2013.6737532&partnerID=40&md5=07e589c4e2f729b1bec5356bdc877e19	IEEE Computer Society
1083	Rakshit, P.; Bhowmik, K.	Detection of abnormal findings in human RBC in diagnosing G-6-P-D deficiency Haemolytic Anaemia using image processing	2013		10.1109/CATCON.2013.6737516	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84896777812&doi=10.1109%2FCATCON.2013.6737516&partnerID=40&md5=a6c92c552705ffa35a678ef43144211f	IEEE Computer Society
1084	Pal, A.K.; Dey, N.; Samanta, S.; Das, A.; Sinha Chaudhuri, S.S.	A hybrid reversible watermarking technique for color biomedical images	2013		10.1109/ICCIC.2013.6724177	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894283443&doi=10.1109%2FICCIC.2013.6724177&partnerID=40&md5=c5d407dfd869762d541dff9e16b0abd	IEEE Computer Society help@computer.org



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1085	Samanta, S.; Acharjee, S.; Mukherjee, A.; Das, D.; Dey, N.	Ant Weight Lifting algorithm for image segmentation	2013		10.1109/ICCIC.2013.6724160	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894282976&doi=10.1109%2FICCIC.2013.6724160&partnerID=40&md5=98b8eac20a363429c529b7a22e2bef99	IEEE Computer Society help@computer.org
1086	Chakraborty, S.; Samanta, S.; Biswas, D.; Dey, N.; Sinha Chaudhuri, S.S.	Particle Swarm Optimization based parameter optimization technique in medical information hiding	2013		10.1109/ICCIC.2013.6724173	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894278706&doi=10.1109%2FICCIC.2013.6724173&partnerID=40&md5=ec2bd3fc19c1e080fef040dbc7ba7e55	IEEE Computer Society help@computer.org
1087	Bose, S.; Mukherjee, A.; Madhulika; Chakraborty, S.; Samanta, S.; Dey, N.	Parallel image segmentation using multi-threading and k-means algorithm	2013		10.1109/ICCIC.2013.6724171	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894266118&doi=10.1109%2FICCIC.2013.6724171&partnerID=40&md5=ee019c8ee211933f7c6bfa5b1293694a	IEEE Computer Society help@computer.org



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1088	Samanta, S.; Chakraborty, S.; Acharjee, S.; Mukherjee, A.; Dey, N.	Solving 0/1 knapsack problem using ant weight lifting algorithm	2013		10.1109/ICCIC.2013.6724162	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84894240616&doi=10.1109%2FICCIC.2013.6724162&partnerID=40&md5=2d164d8e9f882efad22116ef1c58ddb7	IEEE Computer Society help@computer.org
1089	Ray, P.; Maitra, A.K.; Basuray, A.	A new threshold function for de-noising partial discharge signal based on wavelet transform	2013		10.1109/ICSIPR.2013.6497985	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84876749533&doi=10.1109%2FICSIPR.2013.6497985&partnerID=40&md5=7141a56a80e1db4d119fa3116afd943c	IEEE Computer Society help@computer.org
1090	DasGupta, S.; Chaki, R.; Choudhury, S.	TruVAL: Trusted vehicle authentication logic for VANET	2013	Communications in Computer and Information Science	10.1007/978-3-642-36321-4_29	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84872399554&doi=10.1007%2F978-3-642-36321-4_29&partnerID=40&md5=8c26f2de4c96b6c4ec6fb60514ba4dd6	Springer Verlag



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1091	Chattopadhyaya, M.; Mehboob Alam, M.M.; Sen, S.; Chakrabarti, S.	Electrostatic spin crossover and concomitant electrically operated spin switch action in a ti-based endohedral metallofullerene polymer	2012	Physical Review Letters	10.1103/PhysRevLett.109.257204	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871261889&doi=10.1103%2FPhysRevLett.109.257204&partnerID=40&md5=1ce90b8405d94d16b190113f65cc83d9	
1092	Bhattacharya, T.; Hore, S.; Dey, N.; Bhadra Chaudhuri, S.R.B.	Stationary wavelet transform based audio authentication technique	2012	ACM International Conference Proceeding Series	10.1145/2393216.2393312	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870713347&doi=10.1145%2F2393216.2393312&partnerID=40&md5=ea9e22c8ba2227ad922d2827f51d804a	
1093	Dey, N.; Das, P.; Das, A.; Sinha Chaudhuri, S.S.	Feature analysis for the blind-watermarked electroencephalogram signal in wireless telemonitoring using alattar's method	2012		10.1145/2388576.2388588	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84870316391&doi=10.1145%2F2388576.2388588&partnerID=40&md5=d9a224b83322505e7b6b3f2240576562	
1094	Roy, S.S.	Determination of the density-of-states function in highly degenerate semiconductors in the existence of electric field strength	2012	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.970544	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84885201415&doi=10.1117%2F12.970544&partnerID=40&md5=e6253b7f131442ee01a090fbfa5f030b	



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1095	Roy, S.S.	A simple theoretical analysis of quantum transport of 3-dimension photoelectric effect	2012			https://www.scopus.com/inward/record.uri?eid=2-s2.0-84881123531&partnerID=40&md5=9665cc412cd0bda38e1b5a189bda259e	
1096	Dey, N.; Mishra, G.; Nandi, B.; Pal, M.; Das, A.; Sinha Chaudhuri, S. S.	Wavelet based watermarked normal and abnormal heart sound identification using spectrogram analysis	2012		10.1109/ICCIC.2012.6510173	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84877960946&doi=10.1109%2FICCIC.2012.6510173&partnerID=40&md5=7c2446ce77ceef3fb9f19c9c4f080852	
1097	Dey, N.; Das, P.; Biswas, S.; Das, A.; Sinha Chaudhuri, S.S.	Feature analysis for the reversible watermarked electrooculography signal using Low distortion Prediction-error Expansion	2012		10.1109/CODIS.2012.6422280	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874437606&doi=10.1109%2FCODIS.2012.6422280&partnerID=40&md5=e59f70d031d8ef74b5c5698be8874339	
1098	Chowdhury, R.; Bose, R.; Sengupta, N.; De, M.	Logarithmic Formula Generated Seed Based Cryptographic Technique using proposed Alphanumeric Number System and Rubik Rotation Algorithm	2012		10.1109/CODIS.2012.6422265	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874417545&doi=10.1109%2FCODIS.2012.6422265&partnerID=40&md5=8d00e94ff7e7f0231d5eb27af00a8588	



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1099	Dey, N.; Biswas, D.; Roy, A.B.; Das, A.; Sinha Chaudhuri, S.S.	DWT-DCT-SVD based blind watermarking technique of gray image in electrooculogram signal	2012	International Conference on Intelligent Systems Design and Applications, ISDA	10.1109/ISDA.2012.6416619	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874374518&doi=10.1109%2FISDA.2012.6416619&partnerID=40&md5=7f5e9df4f4c4d20a70a6a86c041bfa4e	
1100	Acharjee, S.; Dey, N.; Biswas, D.; Das, P.; Sinha Chaudhuri, S.S.	A novel Block Matching Algorithmic Approach with smaller block size for motion vector estimation in video compression	2012	International Conference on Intelligent Systems Design and Applications, ISDA	10.1109/ISDA.2012.6416617	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874349562&doi=10.1109%2FISDA.2012.6416617&partnerID=40&md5=5328f388f6201eb719030dd7ba531639	
1101	Dey, N.; Roy, A.B.; Das, P.; Das, A.; Sinha Chaudhuri, S.S.	Detection and measurement of arc of lumen calcification from intravascular ultrasound using Harris Corner detection	2012		10.1109/NCCCS.2012.6413021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874282738&doi=10.1109%2FNCCCS.2012.6413021&partnerID=40&md5=e2d184d7a3d7f3e8d65b73bab192fb00	



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1102	Nandy, S.; Sarkar, P.P.; Ajith, A.; Karmakar, M.; Das, A.; Paul, D.	Agent based adaptive firefly back-propagation neural network training method for dynamic systems	2012		10.1109/HIS.2012.6421376	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874157353&doi=10.1109%2FHIS.2012.6421376&partnerID=40&md5=9a6ee0907811023efc7ff1fa1bdeab3f	
1103	Dey, N.; Das, P.; Roy, A. B.; Das, A.; Sinha Chaudhuri, S.S.	DWT-DCT-SVD based intravascular ultrasound video watermarking	2012		10.1109/WICT.2012.6409079	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873398158&doi=10.1109%2FWICT.2012.6409079&partnerID=40&md5=52a6b300bdfac6a689467ea8a4f684eb	
1104	Dey, N.; Das, P.; Biswas, S.; Das, A.; Sinha Chaudhuri, S.S.	Lifting Wavelet Transformation based blind watermarking technique of Photoplethysmographic signals in wireless telecardiology	2012		10.1109/WICT.2012.6409080	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873358659&doi=10.1109%2FWICT.2012.6409080&partnerID=40&md5=2a77bc4cd1646f032a869d98d272bc4d	



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1105	Dey, N.; Roy, A.B.; Das, A.; Sinha Chaudhuri, S. S.	Optical cup to disc ratio measurement for glaucoma diagnosis using harris corner	2012		10.1109/ICCCNT.2012.6395971	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873304910&doi=10.1109%2FICCCNT.2012.6395971&partnerID=40&md5=0888ee118a892792e2088276ba298a21	
1106	Chowdhury, R.; Ghosh, S.; De, M.	String graphixification based asymmetric key cryptographic algorithm using proposed concepts of GDC and S-loop matrix	2012		10.1109/ICIEV.2012.6317483	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869477552&doi=10.1109%2FICIEV.2012.6317483&partnerID=40&md5=a1ca6da0f1aabea2b829a77eab25108d	
1107	Chakraborty, S.; Chaki, N.	DFRS: A domain-based framework for representing semi-structured data	2012	ACM International Conference Proceeding Series	10.1145/2381716.2381801	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84869001888&doi=10.1145%2F2381716.2381801&partnerID=40&md5=ed3d95eda3eadca7476c6c2d44fb64d3	
1108	Dey, N.; Roy, A.B.; Das, A.; Sinha Chaudhuri, S. S.	Stationary wavelet transformation based self-recovery of blind-watermark from electrocardiogram signal in wireless telecardiology	2012	Communications in Computer and Information Science	10.1007/978-3-642-34135-9_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84867678093&doi=10.1007%2F978-3-642-34135-9_35&partnerID=40&md5=bd64f7d86310652bacc9cc66ae0bc50f	



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1109	Pal, S.; Dalapati, S.	Digital simulation of forty eight pulse STATCOM for reduction of voltage instability and improvement of power quality	2012	Indian Journal of Science and Technology		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84868232116&partnerID=40&md5=a817d8325d860a2874e41691028adfed	
1110	Dey, N.; Roy, A.B.; Das, A.	Detection and measurement of bimalleolar fractures using Harris corner	2012	ACM International Conference Proceeding Series	10.1145/2345396.2345405	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866131543&doi=10.1145%2F2345396.2345405&partnerID=40&md5=14c63780d74feec490569c2542261ba4	
1111	Mazumder, A.; Ghosal, S.; Das, S.; Neogi, B.	Study of sampled data control approach towards prosthetic eye model for initiating the non deterministic aspect	2012	Communications in Computer and Information Science	10.1007/978-3-642-31686-9_19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865303973&doi=10.1007%2F978-3-642-31686-9_19&partnerID=40&md5=52e20a8a1f1a334de455f68e1cd84dd9	
1112	Gupta, S.; Chatterjee, S.	Text dependent voice based biometric authentication system using spectrum analysis and image acquisition	2012	Advances in Intelligent and Soft Computing	10.1007/978-3-642-30157-5_7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865194848&doi=10.1007%2F978-3-642-30157-5_7&partnerID=40&md5=bdf75ed6a7fad7087c634cbf4d6ed7	



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1113	Gupta, S.; Mazumder, S.; Mondal, S.	Interactive investigation support system design with data mining extension	2012	Advances in Intelligent and Soft Computing	10.1007/978-3-642-30157-5_8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84865160617&doi=10.1007%2F978-3-642-30157-5_8&partnerID=40&md5=170c319aa826eae08921038b681d835	
1114	Neogi, B.; Ghosal, S.; Ghosh, S.; Bose, T.K.; Das, A.	Dynamic modeling and optimizations of mechanical prosthetic arm by simulation technique	2012		10.1109/RAIT.2012.6194542	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862095684&doi=10.1109%2FRAIT.2012.6194542&partnerID=40&md5=fa720097f9b5bb392a94c9df4deaca72	
1115	Pal, S.; Dalapati, S.	Digital simulation of two level inverter based on space vector pulse width modulation	2012	Indian Journal of Science and Technology		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84860330196&partnerID=40&md5=a3e01acc560b4781afa8d7b0602392ea	
1116	Pal, B.B.; Biswas, P.; Mukhopadhyay, A.	Using genetic algorithm to goal programming model of solving economic-environmental electric power generation problem with interval-valued target goals	2012	Communications in Computer and Information Science	10.1007/978-3-642-28926-2_17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858198884&doi=10.1007%2F978-3-642-28926-2_17&partnerID=40&md5=82de9862434952b013943a7fc3dd9cf5	



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1117	Chattopadhyaya, M.; Sen, S.; Mehboob Alam, M.M.; Chakrabarti, S.	The role of relativity and dispersion controlled inter-chain interaction on the band gap of thiophene, selenophene, and tellurophene oligomers	2012	Journal of Chemical Physics	10.1063/1.3689860	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84858196251&doi=10.1063%2F1.3689860&partnerID=40&md5=add6eb7f19ff7db903b6b49323011035	
1118	Roy, S.S.	A simple Theoretical Analysis of Quantum Transport of 3-Dimension Photoelectric Effect	2012			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85136251957&partnerID=40&md5=ed657da1d5ab9e29de2154bfacae66eb	Optica Publishing Group (formerly OSA)
1119	Bhaumik, M.; DasGupta, S.; Saha, S.	Affinity based clustering routing protocol for vehicular ad hoc networks	2012	Procedia Engineering	10.1016/j.proeng.2012.06.084	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901052938&doi=10.1016%2Fj.proeng.2012.06.084&partnerID=40&md5=e0bc274cdef897aa86228d6053f86f73	Elsevier Ltd
1120	Chaudhuri, A.; DasGupta, S.; Saha, S.	Identity based secure algorithm for VANET	2012	Procedia Engineering	10.1016/j.proeng.2012.06.023	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901001910&doi=10.1016%2Fj.proeng.2012.06.023&partnerID=40&md5=3136cc4887ccf6bea4e4c7dbd4b5e814	Elsevier Ltd



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1121	Roy, S.S.	The simple theoretical analysis of the mass and molar magnetic susceptibilities in quantum wires of II-VI and IV-VI compound semiconductor	2012	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.922318	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84899913358&doi=10.1117%2F12.922318&partnerID=40&md5=f9622e0087fb7d6014b1730549efd0c3	SPIE spie@spie.org
1122	Sahana, S.; Saha, S.; DasGupta, S.	Weight based hierarchical clustering algorithm for mobile Ad hoc networks	2012	Procedia Engineering	10.1016/j.proeng.2012.06.137	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897784909&doi=10.1016%2Fj.proeng.2012.06.137&partnerID=40&md5=5ac263fe8e44afd7a24be3246d81568a	Elsevier Ltd
1123	Saha, S.; Chaki, R.	Hierarchical cluster based query-driven routing protocol for wireless sensor networks	2012	Advances in Intelligent and Soft Computing	10.1007/978-3-642-27443-5_76	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84880385683&doi=10.1007%2F978-3-642-27443-5_76&partnerID=40&md5=dd8020e960016c3bf296652c91bc74a9	Springer Verlag
1124	Dalapati, S.; Pal, S.	Low distortion three-phase sine PWM using a general purpose micro-controller	2012	International Journal of Power Electronics	10.1504/IJPELEC.2012.049044	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84878160668&doi=10.1504%2FIJPELEC.2012.049044&partnerID=40&md5=043bd48cddd546dbb39c52eb33c3771d	Inderscience Publishers



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1125	Neogi, B.; Ghosal, S.; Sarkar, S.	Analysis and control towards limb prosthesis for paraplegic and fatigued conditions by introducing Lyapunov and sample data domain aspects	2012	International Review of Automatic Control		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84873465541&partnerID=40&md5=79249401e427180c712d7098f8121b94	Praise Worthy Prize
1126	Singh, D.; Choudhury, J. P.; De, M.	A comparative study on the performance of fuzzy logic, Bayesian logic and neural network towards decision-making	2012	International Journal of Data Analysis Techniques and Strategies	10.1504/IJDATS.2012.046792	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84871776443&doi=10.1504%2FIJDATS.2012.046792&partnerID=40&md5=2e57ebdfa77824c1b4bd8c2334d679c9	Inderscience Publishers
1127	Giri, B.C.; Bhattacharjee, R.	An optimal policy for a single-vendor single-buyer integrated inventory system based on vendor's strategy of shipments to buyer	2012	International Journal of Services and Operations Management	10.1504/IJSOM.2012.048833	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84866006020&doi=10.1504%2FIJSOM.2012.048833&partnerID=40&md5=f6a04e1c992cec3fecb78ab12341c680	Inderscience Publishers
1128	Saha, P.; Banerjee, A.; Dandapat, A.; Bhattacharyya, P.	Design of high speed Vedic multiplier for decimal number system	2012	Lecture Notes in Computer Science	10.1007/978-3-642-31494-0_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84864314860&doi=10.1007%2F978-3-642-31494-0_10&partnerID=40&md5=ed63e38bb1e59d9280748515288a86d0	Springer Verlag



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1129	Pal, B.B.; Gupta, S.	A genetic algorithm-based fuzzy goal programming approach for solving fractional bilevel programming problems	2012	International Journal of Operational Research	10.1504/IJOR.2012.047515	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84862849053&doi=10.1504%2FIJOR.2012.047515&partnerID=40&md5=f7963c86def8a0805a5197b59eb29d0c	Inderscience Publishers
1130	Pal, B.B.; Chakraborti, D.; Biswas, P.; Mukhopadhyay, A.	An application of genetic algorithm method for solving patrol manpower deployment problems through fuzzy goal programming in traffic management system: A case study	2012	International Journal of Bio-Inspired Computation	10.1504/IJBIC.2012.044930	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84861878847&doi=10.1504%2FIJBIC.2012.044930&partnerID=40&md5=a3fb1c66d518a11b2c121d9201dfaf17	Inderscience Enterprises Ltd.
1131	Biswas, S.; Goswami, S. K.; Chatterjee, A.	Optimum distributed generation placement with voltage sag effect minimization	2012	Energy Conversion and Management	10.1016/j.enconman.2011.08.020	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053362280&doi=10.1016%2Fj.enconman.2011.08.020&partnerID=40&md5=379f2b175bfa9f253a0114c5ba5e30aa	



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1132	Chakraborty, S.; Chaki, N.	A survey on the semi-structured data models	2011	Communications in Computer and Information Science	10.1007/978-3-642-27245-5_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-83755162592&doi=10.1007%2F978-3-642-27245-5_31&partnerID=40&md5=54b917f49fb3715d663b9f5fc0d55e79	
1133	Bhattacharya, T.; Hore, S.; Mukherjee, A.; Bhadra Chaudhuri, S.R. B.	A novel highly secured session based data encryption technique using robust fingerprint based authentication	2011	Communications in Computer and Information Science	10.1007/978-3-642-17878-8_43	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874753172&doi=10.1007%2F978-3-642-17878-8_43&partnerID=40&md5=a108994ea3e4a1efe3293f1447149459	
1134	Saha, S.; Chaki, R.	Cluster based mobility considered routing protocol for mobile ad hoc network	2011	Communications in Computer and Information Science	10.1007/978-3-642-17857-3_4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84874697494&doi=10.1007%2F978-3-642-17857-3_4&partnerID=40&md5=d8baf3097fc8815e427edb6e11eb0b87	



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1135	Chowdhury, R.; Gupta, S.; Saha, A.	Stochastic Seed based Cryptographic Technique [SSCT] using Dual Formula Key [DFK]	2011		10.1109/ICCIndA.2011.6146660	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84863281302&doi=10.1109%2FICCIndA.2011.6146660&partnerID=40&md5=054930e937998b8a7eb59afca8e3a442	
1136	Chakraborti, D.; Biswas, P.; Mukhopadhyay, A.	Bio-inspired computational technique to multiobjective optimal planning of electric power generation and dispatch	2011		10.1109/ICCIndA.2011.6146671	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84857718596&doi=10.1109%2FICCIndA.2011.6146671&partnerID=40&md5=f9d4e41e3ae032dc75f131b51c62ead3	
1137	Saha, P.; Banerjee, A.; Bhattacharyya, P.; Dandapat, A.	Vedic divider: Novel architecture (ASIC) for high speed VLSI applications	2011		10.1109/ISED.2011.62	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84856141953&doi=10.1109%2FISED.2011.62&partnerID=40&md5=ea5f4a79ec86fd8b377f80443c8fa88c	
1138	Saha, P.; Banerjee, A.; Dandapat, A.; Bhattacharyya, P.	ASIC design of a high speed low power circuit for factorial calculation using ancient Vedic mathematics	2011	Microelectronics Journal	10.1016/j.mejo.2011.09.001	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80955130859&doi=10.1016%2Fj.mejo.2011.09.001&partnerID=40&md5=b2dd367e024f96f93f32d4c39c9f3e35	



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1139	Roy, S.S.	A simple theoretical analysis of the Einstein relation for the DMR (diffusivity-mobility ratio) in Nono compounds on the basis of k.p formalism	2011	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.892524	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053930571&doi=10.1117%2F12.892524&partnerID=40&md5=ab595c4b9043c1abf36192338f3267b8	
1140	Bag, S.; Pal, S.	Bioactive coating over polymer-ceramic composite - An ideal synthetic bone substitute	2011	International Journal of Pharma and Bio Sciences		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84855496077&partnerID=40&md5=96c7dc1148b0dde8b399b876264554e5	
1141	Roy, S.S.	The simple theoretical analysis of the specific heat capacity in nano materials	2011	Proceedings - International NanoElectronics Conference, INEC	10.1109/INEC.2011.5991778	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80053038869&doi=10.1109%2FINEC.2011.5991778&partnerID=40&md5=adffecb5edf710a61a9d90db8f9b77e6	
1142	Roy, S.S.	The theoretical study of field emission from quantum wire SLs (QWSL)	2011	Proceedings - International NanoElectronics Conference, INEC	10.1109/INEC.2011.5991663	https://www.scopus.com/inward/record.uri?eid=2-s2.0-80052995315&doi=10.1109%2FINEC.2011.5991663&partnerID=40&md5=d7749d315824eb1bf24408c7b01dd62c	



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1143	Sarkar, I.; Sarkar, P.P.; Chowdhury, S.K.	A dualband monopole microstrip antenna	2011	Microwave and Optical Technology Letters	10.1002/mop.26196	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959258935&doi=10.1002%2Fmop.26196&partnerID=40&md5=6149e84430ea334b5eb9c2369fd14f2d	
1144	Saha, P.; Banerjee, A.; Dandapat, A.; Bhattacharyya, P.	ASIC implementation of high speed processor for calculating discrete fourier transformation using circular convolution technique	2011	WSEAS Transactions on Circuits and Systems		https://www.scopus.com/inward/record.uri?eid=2-s2.0-80055026682&partnerID=40&md5=3f0107a0c86743e893e0af861194a64c	
1145	Chakraborty, S.; Chaki, N.	Trusted third party synchronized billing framework using multiple authorizations by multiple owners (MAMO)	2011	Communications in Computer and Information Science	10.1007/978-3-642-21153-9_3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79960033522&doi=10.1007%2F978-3-642-21153-9_3&partnerID=40&md5=df012da0bc1e9dec79d857ca529ee726	
1146	Saha, P.; Banerjee, A.; Bhattacharyya, P.; Dandapat, A.	High speed ASIC design of complex multiplier using Vedic mathematics	2011		10.1109/TECHSYM.2011.5783852	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959394395&doi=10.1109%2FTECHSYM.2011.5783852&partnerID=40&md5=480b760f892076657e21a4c63d5e9278	



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1147	Das, M.; Ray, D.; Bandyopadhyay, S.; Banerjee, S.; Bandyopadhyay, N.R.; Basumallik, A.	Thermogravimetric and resistivity study of Ex situ and in situ poly (methyl methacrylate) /carboxylic acid group functionalized multiwall carbon nanotubes composites	2011	Journal of Applied Polymer Science	10.1002/app.33320	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952480524&doi=10.1002%2Fapp.33320&partnerID=40&md5=071cc2445fc71692600df811ec557960	
1148	Bala, T.; Sanyal, A.; Singh, A.; Kelly, D.; O'Sullivan, C.; Laffir, F.; Ryan, K.M.	Silver tip formation on colloidal CdSe nanorods by a facile phase transfer protocol	2011	Journal of Materials Chemistry	10.1039/c0jm04324a	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955373242&doi=10.1039%2F0jm04324a&partnerID=40&md5=24a4ab5c1be541301dfc18f9a57ef39b	
1149	Sanyal, A.; Sanyal, S.; Choudhury, S.	Physical level implementation of a web data model	2011	ACM International Conference Proceeding Series	10.1145/1947940.1948040	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952948956&doi=10.1145%2F1947940.1948040&partnerID=40&md5=0bf535e1acd5c9caa6a1a6c983a05d0f	
1150	Pal, B.B.; Chakraborti, D.; Biswas, P.	Using genetic algorithm for solving linear multilevel programming problems via fuzzy goal programmingusing	2011	Communications in Computer and Information Science	10.1007/978-3-642-19263-0_10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951654397&doi=10.1007%2F978-3-642-19263-0_10&partnerID=40&md5=77be01107b745e70a46573b8473c3e70	



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1151	BISWAS, A.; Majumder, D.; Sahu, S.	Assessing morningness of a group of people by using fuzzy expert system and adaptive neuro fuzzy inference model	2011	Communications in Computer and Information Science	10.1007/978-3-642-19263-0_6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951635371&doi=10.1007%2F978-3-642-19263-0_6&partnerID=40&md5=713345f4e06c145903c043f26c1bd9a9	
1152	Mandal, S.; Majee, N.C.	Existence of periodic solutions for a class of Cohen-Grossberg type neural networks with neutral delays	2011	Neurocomputing	10.1016/j.neucom.2010.11.021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79751539062&doi=10.1016%2Fj.neucom.2010.11.021&partnerID=40&md5=22b19ff63f5b8436de1dad06f27c11f	
1153	DasGupta, S.; Chaki, R.	SRPV: A speedy routing protocol for VANET	2011	Communications in Computer and Information Science	10.1007/978-3-642-18440-6_35	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79551540222&doi=10.1007%2F978-3-642-18440-6_35&partnerID=40&md5=fbb1087b97816c723167f8e0831e69ca	
1154	Dawn, S.K.	Realigning distribution strategies for effective marketing operations of a business: An empirical study based on tropicana	2011	Indian Journal of Marketing		https://www.scopus.com/inward/record.uri?eid=2-s2.0-84937793801&partnerID=40&md5=256feb7610e8cf06cd70005ae59051c2	Associated Management Consultants Pvt. Ltd.



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1155	Ghosh, S.R.; Dasgupta, H.	Classification of points of lower semi-continuity of a multifunction in topological spaces	2011	Real Analysis Exchange	10.14321/realanalexch.36.1.0029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84888150053&doi=10.14321%2Frealanalexch.36.1.0029&partnerID=40&md5=4c7583ccccfae3ab6c8e434d901353d8	Michigan State University Press msupress@msu.edu
1156	Saha, P.; Banerjee, A.; Dandapat, A.; Bhattacharyya, P.	Vedic mathematics based 32-Bit multiplier design for high speed low power processors	2011	International Journal on Smart Sensing and Intelligent Systems	10.21307/ijssis-2017-439	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79959412720&doi=10.21307%2Fijssis-2017-439&partnerID=40&md5=b9a38222af3c405db8fc878dd2a40d06	Sciendo
1157	Chakraborty, U.; Chatterjee, S.; Chowdhury, S.K.; Sarkar, P.P.	A compact microstrip patch antenna for wireless communication	2011	Progress in Electromagnetic Research C	10.2528/PIERC10101205	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951969798&doi=10.2528%2FPIERC10101205&partnerID=40&md5=a543398ef39a6bc69a68b585fe5408fe	Electromagnetic s Academy chew@jpier.org
1158	Roy, S.S.	Quantum confinement on the carrier contribution to the elastic constants in nonlinear optical and optoelectronic materials	2010	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.864432	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649858683&doi=10.1117%2F12.864432&partnerID=40&md5=6aba97b20475e4b129473c60592d261d	



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1159	Biswas, B.K.; Bag, S.; Pal, S.	Measurement of biting force over dental implant	2010		10.1115 /SBC2010- 19340	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84893787082&doi=10.1115%2FSBC2010-19340&partnerID=40&md5=d8884ea4a26441c34c20710e8a8e09c4	
1160	Begam, H.; Chanda, A.; Kundu, B.	Synthesis and characterization of nano-grained hydroxyapatite through slip casting technique	2010		10.1109/ICSMB. 2010.5735364	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79955676163&doi=10.1109%2FIGSMB.2010.5735364&partnerID=40&md5=e5c5c31816eb1f63ca0501311333f591	
1161	Chakraborty, U.; Chatterjee, S.; Chowdhury, S.K.; Sarkar, P.P.	Triangular slot microstrip patch antenna for wireless communication	2010		10.1109 /INDCON. 2010.5712747	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952482533&doi=10.1109%2FINDCON.2010.5712747&partnerID=40&md5=e62aa40834f0f8254931304d17ad8b1a	
1162	Chatterjee, S.; Chakraborty, U.; Sarkar, I.; Sarkar, P.P.; Chowdhury, S.K.	A compact microstrip antenna for mobile communication	2010		10.1109 /INDCON. 2010.5712711	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79952462276&doi=10.1109%2FINDCON.2010.5712711&partnerID=40&md5=96491f61da2c2e924e5059bdc8a212a7	



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SL. NO.	Authors	Title of the Paper	Year	Source Title	DOI	Link	Publisher
1163	Biswas, P; Chakraborti, D.	A fuzzy goal programming procedure for solving multiobjective load flow problems via genetic algorithm	2010	AIP Conference Proceedings	10.1063/1.3516341	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951981584&doi=10.1063%2F1.3516341&partnerID=40&md5=b0d8649492fa4c7cd14eaaf5411e58fd	
1164	Biswas, S.; Goswami, S. K.	Optimal allocation of distributed generation minimizing loss and voltage sag problem-using genetic algorithm	2010	AIP Conference Proceedings	10.1063/1.3516342	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951979264&doi=10.1063%2F1.3516342&partnerID=40&md5=482562816f789955f5a37b34fdca89ae	
1165	DasGupta, S.; Saha, S.; Bhowal, D.; Bhowmik, D.	LBSPR: Location based shortest path routing protocol in MANET	2010		10.1109/ICCIC.2010.5705767	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79951799263&doi=10.1109%2FICCIC.2010.5705767&partnerID=40&md5=4ac5dc2eb68ebd4e796981bb14dc3556	
1166	Sen, S.; Seal, P.; Chakrabarti, S.	A Comparative Study of the Nonlinear Optical Properties of CdnXn (X: S, Se and Te) Clusters	2010	Journal of Cluster Science	10.1007/s10876-010-0337-3	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78650222693&doi=10.1007%2Fs10876-010-0337-3&partnerID=40&md5=30b3d0782c62cfaab6fcf28fe187c656	



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1167	Saha, P.; Banerjee, A.; Dandapat, A.	Low power and high speed factorial design in 22 nm technology	2010	AIP Conference Proceedings	10.1063/1.3504314	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78649296276&doi=10.1063%2F1.3504314&partnerID=40&md5=118e346653b25ad3d216c8ea7ae1faac	
1168	Pal, B.B.; Gupta, S.; Chakraborti, D.	A genetic algorithm based stochastic simulation approach to chance constrained interval valued multiobjective decision making problems	2010		10.1109/ICCCNT.2010.5591826	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78549278083&doi=10.1109%2FICCCNT.2010.5591826&partnerID=40&md5=f0434032789919d8abade8728ee73b79	
1169	Sen, S.; Chakrabarti, S.	Ferromagnetically coupled cobalt-benzene-cobalt: The smallest molecular spin filter with unprecedented spin injection coefficient	2010	Journal of the American Chemical Society	10.1021/ja106705m	https://www.scopus.com/inward/record.uri?eid=2-s2.0-78049391604&doi=10.1021%2Fja106705m&partnerID=40&md5=7d6d3df20e641fec8f83f4e8efaa7c9d	
1170	Singharoy, S.R.	Simple theoretical analysis of the thermoelectric power under strong magnetic quantization in superlattices of non-parabolic semiconductors with graded interfaces	2010	Proceedings of SPIE - The International Society for Optical Engineering	10.1117/12.847400	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953367351&doi=10.1117%2F12.847400&partnerID=40&md5=7815a4f0d7ace1bc5e2958cdb0d956f4	



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1171	DasGupta, S.; Saha, S.; Ghosh, S.; Ghosh, P.; Roychowdhury, S.	LORP: Least overhead routing protocol for MANET	2010		10.1109/ICWCSC.2010.5415911	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951051993&doi=10.1109%2FICWCSC.2010.5415911&partnerID=40&md5=fe1e7453e1ed703429766e6ee16b6600	
1172	Bandyopadhyay, M.; Shiju, N.R.; Brown, D.R.	MCM-48 as a support for sulfonic acid catalysts	2010	Catalysis Communications	10.1016/j.catcom.2010.01.018	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76749162297&doi=10.1016%2Fj.catcom.2010.01.018&partnerID=40&md5=f998b628c62841f96a47ee3034dbb784	
1173	Seal, P.; Sen, S.; Chakrabarti, S.	Ab initio investigation on the nonlinear optical properties of C ₆₀ (n = 1-10) clusters	2010	Chemical Physics	10.1016/j.chemphys.2009.11.014	https://www.scopus.com/inward/record.uri?eid=2-s2.0-75449099584&doi=10.1016%2Fj.chemphys.2009.11.014&partnerID=40&md5=01d38d3ea0a5893451102d2b43083dd5	



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1174	Sarkar, I.; Sarkar, P.P.; Chowdhury, S.K.	A new multi frequency compact microstrip antenna	2010	Indian Journal of Physics	10.1007/s12648-010-0026-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79551662231&doi=10.1007%2Fs12648-010-0026-y&partnerID=40&md5=729c0d6251dc68574e42146054c31a21	Scientific Publishers
1175	Sen, S.; Chakrabarti, S.	Nonlinear Optics with Clusters	2010			https://www.scopus.com/inward/record.uri?eid=2-s2.0-105022588148&partnerID=40&md5=ac33f793c1d2db8a8fb79f2dc13337c6	CRC Press
1176	Gupta, S.; Sengupta, S.; Bhattacharyya, M.; Chattrejee, S.; Sharma, B.S.	Cellular phone based web authentication system using 3-D encryption technique under stochastic framework	2009		10.1109/AHICI.2009.5340322	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71849120006&doi=10.1109%2FAHICI.2009.5340322&partnerID=40&md5=0a2c3034c6c224a592e25c04d296c744	
1177	Sarkar, I.; Sarkar, P.P.; Chowdhury, S.K.	A new compact printed antenna for mobile communication	2009		10.1109/LAPC.2009.5352541	https://www.scopus.com/inward/record.uri?eid=2-s2.0-76149103565&doi=10.1109%2FLAPC.2009.5352541&partnerID=40&md5=19c5e3cc9d103c2968860f689b6c9118	



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1178	Bag, S.; Pal, S.	Bioactive Coating on Newly Developed Composite Hip Prosthesis	2009	IFMBE Proceedings	10.1007/978-3-540-92841-6_318	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84891951830&doi=10.1007%2F978-3-540-92841-6_318&partnerID=40&md5=3b535f7ecedcd70f1cbb0ca4c557e0b2	
1179	Saha, S.; DasGupta, S.; Chaki, R.	MOADRP: Mobile ad-hoc network routing protocol	2009		10.1109/WCSN.2009.5434793	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952388082&doi=10.1109%2FWCSN.2009.5434793&partnerID=40&md5=015648cc04a25e9709772c70809723d3	
1180	Pal, B.B.; Gupta, S.	A genetic algorithm approach for fuzzy goal programming formulation of chance constrained problems using stochastic simulation	2009		10.1109/ICIINFS.2009.5429868	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951593026&doi=10.1109%2FICIINFS.2009.5429868&partnerID=40&md5=fc693ae18bc55de8af922805f912d6f7	



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1181	Pal, B.B.; Gupta, S.; Biswas, P.	Fuzzy goal programming approach to chance constrained multiobjective decision making problems using genetic algorithm	2009		10.1109/ICINFS.2009.5429855	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951542382&doi=10.1109%2FICINFS.2009.5429855&partnerID=40&md5=e22d98ddbe74c709ebefa0a261327bd0	
1182	DasGupta, S.; Chaki, R.	AMOBIRROUTE: An advanced mobility based ad hoc routing protocol for mobile ad hoc networks	2009		10.1109/NetCoM.2009.47	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949796784&doi=10.1109%2FNetCoM.2009.47&partnerID=40&md5=05a17bd128306180e321f63505b03982	
1183	Pal, B.B.; Gupta, S.	A genetic algorithm approach to fuzzy goal programming formulation of fractional multiobjective decision making problems	2009		10.1109/ICADVC.2009.5378218	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77949382931&doi=10.1109%2FICADVC.2009.5378218&partnerID=40&md5=4f3d08541ad8ea0f3e49c3682b8ef18e	
1184	Sarkar, I.; Sarkar, P.P.; Chowdhury, S.K.	A novel compact, microstrip antenna with multifrequency operation	2009		10.1109/DIPED.2009.5306959	https://www.scopus.com/inward/record.uri?eid=2-s2.0-70549114884&doi=10.1109%2FDIPED.2009.5306959&partnerID=40&md5=190e1520243caa6281fdb5670ee05adf	



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1185	Bhattacharya, T; Bhattacharya, T.K.; Bhadra Chaudhuri, S.R. B.	A general bit level data encryption technique using helical & session based columnar transpositions	2009		10.1109/IADCC.2009.4809037	https://www.scopus.com/inward/record.uri?eid=2-s2.0-66249090573&doi=10.1109%2FIADCC.2009.4809037&partnerID=40&md5=7f458618abe35e16df0ee167b2b3e2b1	
1186	Maitra, A.; Chakraborty, S.	Cloud liquid water content and cloud attenuation studies with radiosonde data at a tropical location	2009	Journal of Infrared, Millimeter, and Terahertz Waves	10.1007/s10762-008-9452-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-67349142622&doi=10.1007%2Fs10762-008-9452-8&partnerID=40&md5=06161544d5acafac932458eb51c210f0	
1187	Choudhury, D.	Three-dimensional human face recognition	2009	Journal of Optics (India)	10.1007/s12596-009-0002-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77954246851&doi=10.1007%2Fs12596-009-0002-0&partnerID=40&md5=359bd25a54684c865baadb87a5ee1b49	



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1188	Das, M.; Ray, D.; Bandyopadhyay, N.R.; Bandyopadhyay, S.; Banerjee, S.; Basumallick	Study of ex-situ and in-situ PMMA/-COOH functionalized MWNT composites	2009		10.1109/electro.2009.5441169	https://www.scopus.com/inward/record.uri?eid=2-s2.0-77952573306&doi=10.1109%2Felectro.2009.5441169&partnerID=40&md5=3488ff12982c990339d9aca082217681	IEEE Computer Society
1189	Bose, P.K.; Mitra, S.; Banerjee, R.; Maji, D.; Bardhan, P.	Hydrogen fuelled agricultural diesel engine with electronically controlled timed manifold induction: An experimental approach	2009	WIT Transactions on Ecology and the Environment	10.2495/ESU090101	https://www.scopus.com/inward/record.uri?eid=2-s2.0-71649115723&doi=10.2495%2FESU090101&partnerID=40&md5=7d2ef0272e92112d55deb5f6aebac5ec	WITPress marketing@witpress.com
1190	Banerjee, S.; Roy Chowdhury, A.	Lyapunov function, parameter estimation, synchronization and chaotic cryptography	2009	Communications in Nonlinear Science and Numerical Simulation	10.1016/j.cnsns.2008.06.006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-56049085360&doi=10.1016%2Fj.cnsns.2008.06.006&partnerID=40&md5=6b5f3f325e510ecc03d7bd7da6bb3730	Elsevier
1191	Banerjee, S.; Roy Chowdhury, A.	Cryptography, delayed dynamical systems, and secure communication	2008		10.4018/978-1-59904-627-3.ch013	https://www.scopus.com/inward/record.uri?eid=2-s2.0-84901523830&doi=10.4018%2F978-1-59904-627-3.ch013&partnerID=40&md5=99161aeceea4b5c10d5c7328cd00bf93	IGI Global



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1192	Pal, B.B.; Gupta, S.	A goal programming approach for solving interval valued multiobjective fractional programming problems using genetic algorithm	2008		10.1109/ICIINFS.2008.4798454	https://www.scopus.com/inward/record.uri?eid=2-s2.0-64949142106&doi=10.1109%2FICIINFS.2008.4798454&partnerID=40&md5=e7aeb7d3af8292ff2dbd41df072c6df3	
1193	Pal, J.K.; Mandal, J.K.; Gupta, S.	Composite transposition substitution chaining based cipher technique	2008		10.1109/ADCOM.2008.4760485	https://www.scopus.com/inward/record.uri?eid=2-s2.0-63149127478&doi=10.1109%2FADCOM.2008.4760485&partnerID=40&md5=c1f4ef55fdcccbd72cdaa2af495547b	
1194	Singha, S.; Bhattacharya, T.; Bhadra Chaudhuri, S.R. B.	An approach for reducing crosstalk in restricted channel routing using graph coloring problem and Genetic Algorithm	2008		10.1109/ICCEE.2008.91	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62949231125&doi=10.1109%2FICCEE.2008.91&partnerID=40&md5=09c4b2056db68cfa843ad0dd70a002c6	
1195	Bhattacharya, T.; Alam, M.; Bhadra Chaudhuri, S.R.B.	Approximation of image shape by half- elliptical arc segments & representation by speech sound pattern for visually impaired person	2008		10.1109/ICACTE.2008.141	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62949230350&doi=10.1109%2FICACTE.2008.141&partnerID=40&md5=a3fa77ae8d685b3f351ea970171f6100	



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1196	Som, S.; Mitra, D.; Haldar, J.	Session key based manipulated iteration encryption technique (SKBMIET)	2008		10.1109/ICACTE.2008.179	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62949207126&doi=10.1109%2FICACTE.2008.179&partnerID=40&md5=fe7f2623c92a60c2fad7276d4809f327	
1197	Bhattacharya, T.; Bhowmik, S.; Bhadra Chaudhuri, S.R.B.	A steganographic approach by using Session based Stego-Key, genetic algorithm and variable bit replacement technique	2008		10.1109/ICCEE.2008.108	https://www.scopus.com/inward/record.uri?eid=2-s2.0-62949152884&doi=10.1109%2FICCEE.2008.108&partnerID=40&md5=5db1cd12d7c96b6de1c9459a523e8d47	
1198	Banerjee, S.; Ghosh, D.; Roy Chowdhury, A.	Multiplexing synchronization and its applications in cryptography	2008	Physica Scripta	10.1088/0031-8949/78/01/015010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-47749130018&doi=10.1088%2F0031-8949%2F78%2F01%2F015010&partnerID=40&md5=6935eac602717f023a57fa8d9c9a9110	
1199	Deb, A.; Sarkar, G.; Biswas, A.; Mandal, P.	Numerical instability of deconvolution operation via block pulse functions	2008	Journal of the Franklin Institute	10.1016/j.jfranklin.2007.09.004	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41849126403&doi=10.1016%2Fj.jfranklin.2007.09.004&partnerID=40&md5=e88e67b6c236764a9ccf45d7d9fb7689	



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1200	Pal, S.; Mitra, J.; Ghose, S.; Banerjee, P.	A projection based statistical approach for handwritten character recognition	2008		10.1109/ICCIMA.2007.37	https://www.scopus.com/inward/record.uri?eid=2-s2.0-41149151344&doi=10.1109%2FICCIMA.2007.37&partnerID=40&md5=5a2101958afe56af9c3a538da12ddf96	
1201	Banerjee, S.; Ghosh, D.; Ray, A.; Roy Chowdhury, A.	Synchronization between two different time-delayed systems and image encryption	2008	Europhysics Letters	10.1209/0295-5075/81/20006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79051471376&doi=10.1209%2F0295-5075%2F81%2F20006&partnerID=40&md5=379b5b9536e3f7fc78a961d75c00cd06	
1202	Chakraborty, S.; Mandal, I.; Ray, I.; Majumdar, S.; Sen, A.; Maiti, H.S.	Improvement of recovery time of nanostructured tin dioxide-based thick film gas sensors through surface modification	2007	Sensors and Actuators B: Chemical	10.1016/j.snb.2007.05.005	https://www.scopus.com/inward/record.uri?eid=2-s2.0-35349031724&doi=10.1016%2Fj.snb.2007.05.005&partnerID=40&md5=124754b0a66c78047a035fdc0ceaca2b	
1203	Ghosh, D.; Banerjee, S.; Roy Chowdhury, A.	Synchronization between variable time-delayed systems and cryptography	2007	Europhysics Letters	10.1209/0295-5075/80/30006	https://www.scopus.com/inward/record.uri?eid=2-s2.0-79051469732&doi=10.1209%2F0295-5075%2F80%2F30006&partnerID=40&md5=7f04fbd36bf1299c0bc63f00c29ef664	



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1204	Hazra, A.; Sanki, D.	"Gram unayane tathya projukti" - Secure data transmission at low cost using the e-board software for the virtual class room	2007			https://www.scopus.com/inward/record.uri?eid=2-s2.0-84897005636&partnerID=40&md5=ddeb918f08551fbce5a275ba54d93949	International Institute of Informatics and Systemics, IIS
1205	Biswas, S.; Rakshit, P.; Dey, T.K.	Design of wire mesh shield-an analytical approach and testing of its performance	2006			https://www.scopus.com/inward/record.uri?eid=2-s2.0-77951128748&partnerID=40&md5=5294c21cdbe0e61e0a0cfb0ddfd36068	
1206	Sengupta, T.K.; Das, A.; Mukhopadhyaya, A.K.	Development of on-line real-time PC based frequency meter and frequency relay for monitoring, control and protection of HV/EHV power system	2005		10.1109/ipec.2005.206872	https://www.scopus.com/inward/record.uri?eid=2-s2.0-33947148053&doi=10.1109%2Fipec.2005.206872&partnerID=40&md5=c79aec995ba7702b77b046a56fddec7e	IEEE Computer Society
1207	Sengupta, S.; Chattopadhyay, S.; Nandi, S.	A novel approach for diagnosis of current unbalance at the terminals of a three phase induction motor	2004			https://www.scopus.com/inward/record.uri?eid=2-s2.0-21644466245&partnerID=40&md5=3931fd49dc34f4f0997bbc7790a2a57a	
1208	Mitra, S.; Mitra, M.; Chattopadhyaya, S.; Chaudhuri, B.B.	An approach to a rough set decision system for classification of different heart diseases	2004			https://www.scopus.com/inward/record.uri?eid=2-s2.0-21644454556&partnerID=40&md5=08f5a5bf4d9a9a847cb2095c99eb6478	



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1209	Mitra, M.; Sengupta, S.; Chattopadhyay, S.	Intelligent power quality monitoring in an electric power system	2004			https://www.scopus.com/inward/record.uri?eid=2-s2.0-21644446319&partnerID=40&md5=7696701ac860d401e2ab246db944234d	