

Sl. No	Title	Authors	Source Title	Publication Date	Publication Year	DOI
1	Therapeutic miRNA and siRNA: Moving from Bench to Clinic as Next Generation Medicine	Chakraborty, Chiranjib; Sharma, Ashish Ranjan; Sharma, Garima; Doss, C. George Priya; Lee, Sang-Soo	MOLECULAR THERAPY-NUCLEIC ACIDS	SEP 15 2017	2017	10.1016/j.omtn.2017.06.005
2	Nanoemulsion: an advanced mode of drug delivery system	Jaiswal, Manjit; Dudhe, Rupesh; Sharma, P. K.	3 BIOTECH	APR 2015	2015	10.1007/s13205-014-0214-0
3	COVID-19 Patient Health Prediction Using Boosted Random Forest Algorithm	Iwendi, Celestine; Bashir, Ali Kashif; Peshkar, Atharva; Sujatha, R.; Chatterjee, Jyoti Moy; Pasupuleti, Swetha; Mishra, Rishita; Pillai, Sofia; Jo, Ohyun	FRONTIERS IN PUBLIC HEALTH	JUL 3 2020	2020	10.3389/fpubh.2020.00357
4	Zebrafish: A complete animal model to enumerate the nanoparticle toxicity	Chakraborty, Chiranjib; Sharma, Ashish Ranjan; Sharma, Garima; Lee, Sang-Soo	JOURNAL OF NANOBIO TECHNOLOGY	AUG 20 2016	2016	10.1186/s12951-016-0217-6
5	Influence of miRNA in insulin signaling pathway and insulin resistance: micro-molecules with a major role in type-2 diabetes	Chakraborty, Chiranjib; Doss, C. George Priya; Bandyopadhyay, Sanghamitra; Agoramoorthy, Govindasamy	WILEY INTERDISCIPLINARY REVIEWS-RNA	SEP-OCT 2014	2014	10.1002/wrna.1240
6	A comprehensive survey for scheduling techniques in cloud computing	Kumar, Mohit; Sharma, S. C.; Goel, Anubhav; Singh, S. P.	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	OCT 1 2019	2019	10.1016/j.jnca.2019.06.006
7	Optimization of machining parameters in turning of Al-SiC-Gr hybrid metal matrix composites using grey-fuzzy algorithm	Suresh, P.; Marimuthu, K.; Ranganathan, S.; Rajmohan, T.	TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA	SEP 2014	2014	10.1016/S1003-6326(14)63412-9
8	Internet of Things Mobile-Air Pollution Monitoring System (IoT-Mobair)	Dhingra, Swati; Madda, Rajasekhara Babu; Gandomi, Amir H.; Patan, Rizwan; Daneshmand, Mahmoud	IEEE INTERNET OF THINGS JOURNAL	JUN 2019	2019	10.1109/JIOT.2019.2903821
9	Application of Bioactive Quercetin in Oncotherapy: From Nutrition to Nanomedicine	Nam, Ju-Suk; Sharma, Ashish Ranjan; Lich Thi Nguyen; Chakraborty, Chiranjib; Sharma, Garima; Lee, Sang-Soo	MOLECULES	JAN 2016	2016	10.3390/molecules21010108
10	Nanoparticle based insulin delivery system: the next generation efficient therapy for Type 1 diabetes	Sharma, Garima; Sharma, Ashish Ranjan; Nam, Ju-Suk; Doss, George Priya C.; Lee, Sang-Soo; Chakraborty, Chiranjib	JOURNAL OF NANOBIO TECHNOLOGY	OCT 24 2015	2015	10.1186/s12951-015-0136-y
11	Peptide nucleic acids: Advanced tools for biomedical applications	Gupta, Anjali; Mishra, Anuradha; Puri, Nidhi	JOURNAL OF BIOTECHNOLOGY	OCT 10 2017	2017	10.1016/j.jbiotec.2017.07.026
12	Synthesis of superparamagnetic bare Fe ₃ O ₄ nanostructures and core/shell (Fe ₃ O ₄ /alginate) nanocomposites	Srivastava, Manish; Singh, Jay; Yashpal, Madhu; Gupta, Dinesh Kumar; Mishra, R. K.; Tripathi, Shipra; Ojha, Animesh K.	CARBOHYDRATE POLYMERS	JUL 1 2012	2012	10.1016/j.carbpol.2012.04.016
13	Rutin-encapsulated chitosan nanoparticles targeted to the brain in the treatment of Cerebral Ischemia	Ahmad, Niyaz; Ahmad, Rizwan; Naqvi, Atta Abbas; Alam, Md Aftab; Ashafaq, Mohammad; Samim, Mohd; Iqbal, Zeenat; Ahmad, Farhan Jalees	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	OCT 2016	2016	10.1016/j.ijbiomac.2016.06.001
14	An LSTM-based aggregated model for air pollution forecasting	Chang, Yue-Shan; Chiao, Hsin-Ta; Abimannan, Sathesh; Huang, Yo-Ping; Tsai, Yi-Ting; Lin, Kuan-Ming	ATMOSPHERIC POLLUTION RESEARCH	AUG 2020	2020	10.1016/j.apr.2020.05.015
15	A certificateless aggregate signature scheme for healthcare wireless sensor network	Kumar, Pankaj; Kumari, Saru; Sharma, Vishnu; Sangaiah, Arun Kumar; Wei, Jianghong; Li, Xiong	SUSTAINABLE COMPUTING-INFORMATICS & SYSTEMS	JUN 2018	2018	10.1016/j.suscom.2017.09.002
16	Review of Prospects of Biological Fluid Biomarkers in Osteoarthritis	Lich Thi Nguyen; Sharma, Ashish Ranjan; Chakraborty, Chiranjib; Saibaba, Balaji; Ahn, Moo-Eob; Lee, Sang-Soo	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	MAR 2017	2017	10.3390/ijms18030601
17	Quantification and evaluation of thymoquinone loaded mucoadhesive nanoemulsion for treatment of cerebral ischemia	Ahmad, Niyaz; Ahmad, Rizwan; Alam, Md Aftab; Samim, Mohd; Iqbal, Zeenat; Ahmad, Farhan Jalees	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	JUL 2016	2016	10.1016/j.ijbiomac.2016.03.019
18	PpBAC: Popularity Based Access Control Model for Cloud Computing	Namasudra, Suyel; Roy, Pinki	JOURNAL OF ORGANIZATIONAL AND END USER COMPUTING	OCT-DEC 2018	2018	10.4018/JOEUC.2018100102
19	Crack growth behavior of 9Cr-1Mo (P91) steel under creep-fatigue conditions	Narasimhachary, S. B.; Saxena, A.	INTERNATIONAL JOURNAL OF FATIGUE	NOV 2013	2013	10.1016/j.ijfatigue.2013.07.006
20	miRNAs in Insulin Resistance and Diabetes-Associated Pancreatic Cancer: The 'Minute and Miracle' Molecule Moving as a Monitor in the 'Genomic Galaxy'	Chakraborty, Chiranjib; Doss, George Priya C.; Bandyopadhyay, Sanghamitra	CURRENT DRUG TARGETS	SEP 2013	2013	10.2174/13894501113149990182
21	miRNAs in Alzheimer Disease - A Therapeutic Perspective	Gupta, Priya; Bhattacharjee, Surajit; Sharma, Ashish Ranjan; Sharma, Garima; Lee, Sang-Soo; Chakraborty, Chiranjib	CURRENT ALZHEIMER RESEARCH	2017	2017	10.2174/1567205014666170829101016
22	Secure CLS and CL-AS schemes designed for VANETs	Kumar, Pankaj; Kumari, Saru; Sharma, Vishnu; Li, Xiong; Sangaiah, Arun Kumar; Islam, S. K. Hafizul	JOURNAL OF SUPERCOMPUTING	JUN 2019	2019	10.1007/s11227-018-2312-y
23	An improved attribute-based encryption technique towards the data security in cloud computing	Namasudra, Suyel	CONCURRENCY AND COMPUTATION-PRACTICE & EXPERIENCE	FEB 10 2019	2019	10.1002/cpe.4364
24	IoT-based traffic prediction and traffic signal control system for smart city	Neelakandan, S.; Berlin, M. A.; Tripathi, Sandesh; Devi, V. Brindha; Bhardwaj, Indu; Arulkumar, N.	SOFT COMPUTING	SEP 2021	2021	10.1007/s00500-021-05896-x
25	Magnetite nanoparticles as sorbents for dye removal: a review	Panda, Sandip K.; Aggarwal, Ishika; Kumar, Harish; Prasad, Lalit; Kumar, Anil; Sharma, Ajit; Vo, Dai-Viet N.; Van Thuan, Doan; Mishra, Vivek	ENVIRONMENTAL CHEMISTRY LETTERS	JUN 2021	2021	10.1007/s10311-020-01173-9

26	miRNA-regulated cancer stem cells: understanding the property and the role of miRNA in carcinogenesis	Chakraborty, Chiranjib; Chin, Kok-Yong; Das, Srijit	TUMOR BIOLOGY	OCT 2016	2016	10.1007/s13277-016-5156-1
27	miRNA-Regulated Key Components of Cytokine Signaling Pathways and Inflammation in Rheumatoid Arthritis	Sharma, Ashish Ranjan; Sharma, Garima; Lee, Sang-Soo; Chakraborty, Chiranjib	MEDICINAL RESEARCH REVIEWS	MAY 2016	2016	10.1002/med.21384
28	Ant Colony Optimization Based Quality of Service Aware Energy Balancing Secure Routing Algorithm for Wireless Sensor Networks	Rathee, Manisha; Kumar, Sushil; Gandomi, Amir H.; Dilip, Kumar; Balusamy, Balamurugan; Patan, Rizwan	IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT	FEB 2021	2021	10.1109/TEM.2019.2953889
29	An Evolutionary SVM Model for DDOS Attack Detection in Software Defined Networks	Sahoo, Kshira Sagar; Tripathy, Bata Krishna; Naik, Kshirasagar; Ramasubbareddy, Somula; Balusamy, Balamurugan; Khari, Manju; Burgos, Daniel	IEEE ACCESS	2020	2020	10.1109/ACCESS.2020.3009733
30	Palmitic acid based environmentally benign corrosion inhibiting formulation useful during acid cleansing process in MSF desalination plants	Tripathy, Divya Bajpai; Murmu, Manilal; Banerjee, Priyabrata; Quraishi, Mumtaz Ahmad	DESALINATION	DEC 15 2019	2019	10.1016/j.desal.2019.114128
31	Methoxy Poly(ethylene glycol)-Poly(lactide) Nanoparticles Encapsulating Quercetin Act as an Effective Anticancer Agent by Inducing Apoptosis in Breast Cancer	Sharma, Garima; Park, Jongbong; Sharma, Ashish Ranjan; Jung, Jun-Sub; Kim, Haesung; Chakraborty, Chiranjib; Song, Dong-Keun; Lee, Sang-Soo; Nam, Ju-Suk	PHARMACEUTICAL RESEARCH	FEB 2015	2015	10.1007/s11095-014-1504-2
32	Securing Data in Internet of Things (IoT) Using Cryptography and Steganography Techniques	Khari, Manju; Garg, Aditya Kumar; Gandomi, Amir H.; Gupta, Rashmi; Patan, Rizwan; Balusamy, Balamurugan	IEEE TRANSACTIONS ON SYSTEMS MAN CYBERNETICS-SYSTEMS	JAN 2020	2020	10.1109/TSMC.2019.2903785
33	Load frequency regulation using observer based non-linear sliding mode control	Prasad, Sheelta; Purwar, Shubhi; Kishor, Nand	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	JAN 2019	2019	10.1016/j.ijepes.2018.06.035
34	Intranasal delivery of quercetin-loaded mucoadhesive nanoemulsion for treatment of cerebral ischaemia	Ahmad, Niyaz; Ahmad, Rizwan; Naqvi, Atta Abbas; Alam, Md Aftab; Ashafaq, Mohammad; Rub, Rehan Abdur; Ahmad, Farhan Jalees	ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY	2018	2018	10.1080/21691401.2017.1337024
35	Biological Potential of Thiazole Derivatives of Synthetic Origin	Mishra, Raghav; Sharma, Pramod Kumar; Verma, Prabhakar Kumar; Tomer, Isha; Mathur, Garima; Dhakad, Prashant Kumar	JOURNAL OF HETEROCYCLIC CHEMISTRY	JUL 2017	2017	10.1002/jhet.2827
36	Securing e-health records using keyless signature infrastructure blockchain technology in the cloud	Nagasubramanian, Gayathri; Sakthivel, Rakesh Kumar; Patan, Rizwan; Gandomi, Amir H.; Sankayya, Muthuramalingam; Balusamy, Balamurugan	NEURAL COMPUTING & APPLICATIONS	FEB 2020	2020	10.1007/s00521-018-3915-1
37	Daunorubicin oral bioavailability enhancement by surface coated natural biodegradable macromolecule chitosan based polymeric nanoparticles	Ahmad, Niyaz; Ahmad, Rizwan; Alam, Md Aftab; Ahmad, Farhan Jalees; Amir, Mohd; Pottoo, Faheem Hyder; Sarafroz, Md; Jafar, Mohammed; Umar, Khalid	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	MAY 1 2019	2019	10.1016/j.ijbiomac.2019.01.142
38	Automated 3-D lung tumor detection and classification by an active contour model and CNN classifier	Kasinathan, Gopi; Jayakumar, Selvakumar; Gandomi, Amir H.; Ramachandran, Manikandan; Fong, Simon James; Patan, Rizwan	EXPERT SYSTEMS WITH APPLICATIONS	NOV 15 2019	2019	10.1016/j.eswa.2019.05.041
39	MicroRNAs mediated regulation of MAPK signaling pathways in chronic myeloid leukemia	Chakraborty, Chiranjib; Sharma, Ashish Ranjan; Patra, Bidhan Chandra; Bhattacharya, Manojit; Sharma, Garima; Lee, Sang-Soo	ONCOTARGET	JUL 5 2016	2016	10.18632/oncotarget.7977
40	TNF/TNFR: drug target for autoimmune diseases and immune-mediated inflammatory diseases	Doss, George Priya C.; Agoramoorthy, Govindasamy; Chakraborty, Chiranjib	FRONTIERS IN BIOSCIENCE-LANDMARK	JUN 1 2014	2014	
41	Effect of alkyl chain length, flow, and temperature on the corrosion inhibition of carbon steel in a simulated acidizing environment by an imidazoline-based inhibitor	Solomon, Moses M.; Umoren, Saviour A.; Quraishi, Mumtaz A.; Tripathy, Divya B.; Abai, Ekaette J.	JOURNAL OF PETROLEUM SCIENCE AND ENGINEERING	APR 2020	2020	10.1016/j.petrol.2019.106801
42	Enhancement of oral bioavailability of doxorubicin through surface modified biodegradable polymeric nanoparticles	Ahmad, Niyaz; Ahmad, Rizwan; Alam, Md Aftab; Ahmad, Farhan Jalees	CHEMISTRY CENTRAL JOURNAL	MAY 23 2018	2018	10.1186/s13065-018-0434-1
43	Profiling cell-free and circulating miRNA: a clinical diagnostic tool for different cancers	Chakraborty, Chiranjib; Das, Srijit	TUMOR BIOLOGY	MAY 2016	2016	10.1007/s13277-016-4907-3
44	Analysing the Effect of Mutation on Protein Function and Discovering Potential Inhibitors of CDK4: Molecular Modelling and Dynamics Studies	Nagasundaram, N.; Zhu, Hailong; Liu, Jiming; Karthick, V.; Doss, George Priya C.; Chakraborty, Chiranjib; Chen, Luonan	PLOS ONE	AUG 7 2015	2015	10.1371/journal.pone.0133969
45	The Revolution of Blockchain: State-of-the-Art and Research Challenges	Namasudra, Suyeil; Deka, Ganesh Chandra; Jhri, Prashant; Hosseinpour, Mohammad; Gandomi, Amir H.	ARCHIVES OF COMPUTATIONAL METHODS IN ENGINEERING	MAY 2021	2021	10.1007/s11831-020-09426-0
46	Congestion Management Considering Optimal Placement of Distributed Generator in Deregulated Power System Networks	Singh, Kanwardeep; Yadav, Vinod Kumar; Pady, Narayana Prasad; Sharma, Jaydev	ELECTRIC POWER COMPONENTS AND SYSTEMS	JAN 2 2014	2014	10.1080/15325008.2013.843218

47	Poloxamer-chitosan-based Naringenin nanoformulation used in brain targeting for the treatment of cerebral ischemia	Ahmad, Niyaz; Ahmad, Rizwan; Ahmad, Farhan Jalees; Ahmad, Wasim; Alam, Md Aftab; Amir, Mohd; Ali, Abuzer	SAUDI JOURNAL OF BIOLOGICAL SCIENCES	JAN 2020	2020	10.1016/j.sjbs.2019.11.008
48	IoT-based smart healthcare video surveillance system using edge computing	Rajavel, Rajkumar, Ravichandran, Sathish Kumar; Harimcoorthy, Karthikeyan; Nagappan, Partheeban; Gobichettipalayam, Kanagachidambaresan Ramasubramanian	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING		2021	10.1007/s12652-021-03157-1
49	Design and analysis of slotted core photonic crystal fiber for gas sensing application	Paul, Bikash Kumar; Rajesh, E.; Asaduzzaman, Sayed; Islam, Md. Shadidul; Ahmed, Kawsar; Amiri, I. S.; Zakaria, R.	RESULTS IN PHYSICS	DEC 2018	2018	10.1016/j.rinp.2018.10.004
50	Extrapolating the effect of deleterious nsSNPs in the binding adaptability of flavopiridol with CDK7 protein: a molecular dynamics approach	Doss, C. George Priya; Nagasundaram, N.; Chakraborty, Chiranjib; Chen, Luonan; Zhu, Hailong	HUMAN GENOMICS	APR 5 2013	2013	10.1186/1479-7364-7-10
51	Analysis of cracked plate using higher-order shear deformation theory: Asymptotic crack-tip fields and XIGA implementation	Singh, S. K.; Singh, I. V.; Mishra, B. K.; Bhardwaj, G.; Sing, S. K.	COMPUTER METHODS IN APPLIED MECHANICS AND ENGINEERING	JUL 1 2018	2018	10.1016/j.cma.2018.03.009
52	High performance anti-corrosive epoxy-titania hybrid nanocomposite coatings	Ghosai, Anujit; Ahmad, Sharif	NEW JOURNAL OF CHEMISTRY	JUN 7 2017	2017	10.1039/c6nj03906e
53	The effect of safranal loaded mucoadhesive nanoemulsion on oxidative stress markers in cerebral ischemia	Ahmad, Niyaz; Ahmad, Rizwan; Naqvi, Atta Abbas; Ashafaq, Mohammad; Alam, Md Aftab; Ahmad, Farhan Jalees; Al-Ghamdi, Mastour Safer	ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY	JUN 2017	2017	10.1080/21691401.2016.1228659
54	Modeling and dynamic simulation of mixed feed multi-effect evaporators in paper industry	Kumar, Deepak; Kumar, Vivek; Singh, V. P.	APPLIED MATHEMATICAL MODELLING	JAN 2013	2013	10.1016/j.apm.2012.02.039
55	Structural signature of the G719S-T790M double mutation in the EGFR kinase domain and its response to inhibitors	Doss, George Priya C.; Rajith, B.; Chakraborty, Chiranjib; Sundaram, Naga N.; Ali, Shabana Kouser; Zhu, Hailong	SCIENTIFIC REPORTS	AUG 5 2014	2014	10.1038/srep05868
56	DNA barcoding to map the microbial communities: current advances and future directions	Chakraborty, Chiranjib; Doss, C. George Priya; Patra, Bidhan C.; Bandyopadhyay, Sanghamitra	APPLIED MICROBIOLOGY AND BIOTECHNOLOGY	APR 2014	2014	10.1007/s00253-014-5550-9
57	Facile synthesis of chalcone derivatives as antibacterial agents: Synthesis, DNA binding, molecular docking, DFT and antioxidant studies	Arif, Rizwan; Rana, Manish; Yasmeen, Shama; Amaduddin; Khan, Md Shahzad; Abid, Mohammad; Khan, M. S.; Rahisuddin	JOURNAL OF MOLECULAR STRUCTURE	MAY 15 2020	2020	10.1016/j.moistruc.2020.127905
58	Influence of V54M mutation in giant muscle protein titin: a computational screening and molecular dynamics approach	Kumar, D. Thirumal; Doss, C. George Priya; Sneha, P.; Tayubi, Itikhar Aslam; Siva, R.; Chakraborty, Chiranjib; Magesh, R.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2017	2017	10.1080/07391102.2016.1166456
59	PLK-1: Angel or devil for cell cycle progression	Kumar, Shiv; Sharma, Ashish Ranjan; Sharma, Garima; Chakraborty, Chiranjib; Kim, Jaebong	BIOCHIMICA ET BIOPHYSICA ACTA-REVIEWS ON CANCER	APR 2016	2016	10.1016/j.bbcan.2016.02.003
60	Virtual screening of the inhibitors targeting at the viral protein 40 of Ebola virus	Karthick, V.; Nagasundaram, N.; Doss, C. George Priya; Chakraborty, Chiranjib; Siva, R.; Lu, Aiping; Zhang, Ge; Zhu, Hailong	INFECTIOUS DISEASES OF POVERTY	FEB 17 2016	2016	10.1186/s40249-016-0105-1
61	A compact UWB MIMO antenna with neutralization line for WLAN/ISM/mobile applications	Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod K.	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	NOV 2019	2019	10.1002/mmce.21907
62	Neutralization technique based two and four port high isolation MIMO antennas for UWB communication	Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod Kumar; Srivastava, Kunal	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2019	2019	10.1016/j.aeue.2019.152828
63	Improvement of oral efficacy of irinotecan through biodegradable polymeric nanoparticles through in vitro and in vivo investigations	Ahmad, Niyaz; Alam, Md Aftab; Ahmad, Rizwan; Umar, Sadiq; Ahmad, Farhan Jalees	JOURNAL OF MICROENCAPSULATION	2018	2018	10.1080/02652048.2018.1485755
64	Modification of polysaccharides: Pharmaceutical and tissue engineering applications with commercial utility (patents)	Malviya, Rishabha; Sharma, Pramod Kumar; Dubey, Susheel Kumar	MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS	NOV 1 2016	2016	10.1016/j.msec.2016.06.093
65	Defensive Modeling of Fake News Through Online Social Networks	Shrivastava, Gulshan; Kumar, Prabhat; Ojha, Rudra Pratap; Srivastava, Pramod Kumar; Mohan, Senthilkumar; Srivastava, Gautam	IEEE TRANSACTIONS ON COMPUTATIONAL SOCIAL SYSTEMS	OCT 2020	2020	10.1109/TCSS.2020.3014135
66	Non-linear sliding mode control for frequency regulation with variable-speed wind turbine systems	Prasad, Sheeta; Purwar, Shubhi; Kishor, Nand	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	MAY 2019	2019	10.1016/j.ijepes.2018.11.005
67	Suspicious activity detection using deep learning in secure assisted living IoT environments	Vallathan, G.; John, A.; Thirumalai, Chandrasegar; Mohan, Senthilkumar; Srivastava, Gautam; Lin, Jerry Chun-Wei	JOURNAL OF SUPERCOMPUTING	APR 2021	2021	10.1007/s11227-020-03387-8
68	Brain-targeted glycyrrhizic-acid-loaded surface decorated nanoparticles for treatment of cerebral ischaemia and its toxicity assessment	Ahmad, Niyaz; Al-Subaiee, Abeer M.; Ahmad, Rizwan; Sharma, Sonali; Alam, Md Aftab; Ashafaq, Mohammad; Rub, Rehan Abdur; Ahmad, Farhan Jalees	ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY	2019	2019	10.1080/21691401.2018.1561458

69	Natural Convection in a Nanofluid-Saturated Rotating Porous Layer: A More Realistic Approach	Agarwal, Shilpi	TRANSPORT IN POROUS MEDIA	SEP 2014	2014	10.1007/s11242-014-0351-2
70	Preparation and characterization of surface-modified PLGA-polymeric nanoparticles used to target treatment of intestinal cancer	Ahmad, Niyaz; Alam, Md Aftab; Ahmad, Rizwan; Naqvi, Atta Abbas; Ahmad, Farhan Jalees	ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY	2018	2018	10.1080/21691401.2017.1324466
71	Impact of ultrasonication techniques on the preparation of novel Amiloride-nanoemulsion used for intranasal delivery in the treatment of epilepsy	Ahmad, Niyaz; Ahmad, Rizwan; Alam, Md Aftab; Ahmad, Farhan Jalees; Amir, Mohd	ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY	2018	2018	10.1080/21691401.2018.1489826
72	VANET: Architectures, Research Issues, Routing Protocols, and its Applications	Dixit, Mayank; Kumar, Rajesh; Sagar, Anil Kumar	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
73	Rayleigh-Benard Convection in a Nanofluid Layer Using a Thermal Nonequilibrium Model	Agarwal, Shilpi; Rana, Puneet; Bhadauria, B. S.	JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME	DEC 2014	2014	10.1115/1.4028491
74	Covalent IR820-PEG-diamine nanoconjugates for theranostic applications in cancer	Fernandez-Fernandez, Alicia; Manchanda, Romila; Carvajal, Denny A.; Lei, Tingjun; Srinivasan, Supriya; McGoron, Anthony J.	INTERNATIONAL JOURNAL OF NANOMEDICINE	2014	2014	10.2147/IJN.S69550
75	Role of Nanomaterials for Forensic Investigation and Latent Fingerprinting-A Review	Prasad, Vandana; Lukose, Sally; Agarwal, Prashant; Prasad, Lalit	JOURNAL OF FORENSIC SCIENCES	JAN 2020	2020	10.1111/1556-4029.14172
76	A Combinatorial Statistical Design Approach to Optimize the Nanostructured Cubosomal Carrier System for Oral Delivery of Ubidecarenone for Management of Doxorubicin-Induced Cardiotoxicity: In Vitro-In Vivo Investigations	Muheem, Abdul; Shakeel, Faiyaz; Warsi, Musarrat Husain; Jain, Gaurav Kumar; Ahmad, Farhan Jalees	JOURNAL OF PHARMACEUTICAL SCIENCES	OCT 2017	2017	10.1016/j.xphs.2017.05.026
77	Mechanism of artemisinin resistance for malaria PfATP6 L263 mutations and discovering potential antimalarials: An integrated computational approach	Nagasundaram, N.; Doss, George Priya C.; Chakraborty, Chiranjib; Karthick, V.; Kumar, Thirumal D.; Balaji, V.; Siva, R.; Lu, Aiping; Ge, Zhang; Zhu, Hailong	SCIENTIFIC REPORTS	JUL 29 2016	2016	10.1038/srep30106
78	Analytical Evaluation of Directional-Location Aided Routing Protocol for VANETs	Raw, Ram Shringar; Lobiyal, D. K.; Das, Sanjoy; Kumar, Sushil	WIRELESS PERSONAL COMMUNICATIONS	JUN 2015	2015	10.1007/s11277-015-2320-7
79	Integrating In Silico Prediction Methods, Molecular Docking, and Molecular Dynamics Simulation to Predict the Impact of ALK Missense Mutations in Structural Perspective	Doss, C. George Priya; Chakraborty, Chiranjib; Chen, Luonan; Zhu, Hailong	BIOMED RESEARCH INTERNATIONAL	2014	2014	10.1155/2014/895831
80	Understanding and advancement in gold nanoparticle targeted photothermal therapy of cancer	Gupta, Nandan; Malviya, Rishabha	BIOCHIMICA ET BIOPHYSICA ACTA-REVIEWS ON CANCER	APR 2021	2021	10.1016/j.bbcan.2021.188532
81	Energy-Aware WBAN for Health Monitoring Using Critical Data Routing (CDR)	Sagar, Anil Kumar; Singh, Shivangi; Kumar, Avadhesh	WIRELESS PERSONAL COMMUNICATIONS	MAY 2020	2020	10.1007/s11277-020-07026-6
82	An Intelligent approach for UAV and Drone Privacy Security Using Blockchain Methodology	Rana, Tarun; Shankar, Achyut; Sultan, Mohd Kamran; Patan, Rizwan; Balusamy, Balamurugan	2019 9TH INTERNATIONAL CONFERENCE ON CLOUD COMPUTING, DATA SCIENCE & ENGINEERING (CONFLUENCE 2019)	2019	2019	
83	A Provably Secure Three-Factor Session Initiation Protocol for Multimedia Big Data Communications	Islam, S. K. Hafizul; Vijayakumar, Pandi; Bhuiyan, Md Zakirul Alam; Amin, Ruhul; Rajeev, Varun M.; Balusamy, Balamurugan	IEEE INTERNET OF THINGS JOURNAL	OCT 2018	2018	10.1109/JIOT.2017.2739921
84	Ultrasonication techniques used for the preparation of novel Eugenol-Nanoemulsion in the treatment of wounds healings and anti-inflammatory	Ahmad, Niyaz; Alam, Md Aftab; Ahmad, Farhan Jalees; Sarafroz, Md; Ansari, Khalid; Sharma, Sonali; Amir, Mohd	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	AUG 2018	2018	10.1016/j.jddst.2018.06.003
85	Differential Evolution Algorithm with Hierarchical Fair Competition Model	Khaparde, Amit Ramesh; Alassery, Fawaz; Kumar, Arvind; Alotaibi, Youseef; Khataf, Osamah Ibrahim; Pillai, Sofia; Alghamdi, Saleh	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2022	2022	10.32604/iasc.2022.023270
86	Improved salient object detection using hybrid Convolution Recurrent Neural Network	Kousik, NallyyannaV.; Natarajan, Yuvaraj; Raja, R. Arshath; Kallam, Suresh; Patan, Rizwan; Gandomi, Amir H.	EXPERT SYSTEMS WITH APPLICATIONS	MAR 15 2021	2021	10.1016/j.eswa.2020.114064
87	Smart nanocarriers-based drug delivery for cancer therapy: An innovative and developing strategy	Huda, Shamsul; Alam, Md Aftab; Sharma, Pramod Kumar	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	DEC 2020	2020	10.1016/j.jddst.2020.102018
88	Role of Oxidative Stress and Metal Toxicity in the Progression of Alzheimer's Disease	Birla, Hareram; Minocha, Tarun; Kumar, Gaurav; Misra, Anamika; Singh, Sandeep Kumar	CURRENT NEUROPHARMACOLOGY	2020	2020	10.2174/1570159X18666200122122512
89	DOA tracking for seamless connectivity in beamformed IoT-based drones	Balamurugan, N. M.; Mohan, Senthilkumar; Adimoolam, M.; John, A.; reddy, Thippa G.; Wang, Weizheng	COMPUTER STANDARDS & INTERFACES	JAN 2022	2022	10.1016/j.csi.2021.103564
90	Smart carbon nanotubes for drug delivery system: A comprehensive study	Jha, Roopali; Singh, Amit; Sharma, P. K.; Fuloira, Neeraj Kumar	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	AUG 2020	2020	10.1016/j.jddst.2020.101811

91	Classification of stroke disease using machine learning algorithms	Govindarajan, Priya; Soundarapandian, Ravichandran Kattur; Gandomi, Amir H.; Patan, Rizwan; Jayaraman, Premaladha; Manikandan, Ramachandran	NEURAL COMPUTING & APPLICATIONS	FEB 2020	2020	10.1007/s00521-019-04041-y
92	Bioprospecting of novel thermostable beta-glucosidase from <i>Bacillus subtilis</i> RA10 and its application in biomass hydrolysis	Tiwari, Rameshwar; Singh, Puneet Kumar; Singh, Surender; Nain, Pawan K. S.; Nain, Lata; Shukla, Pratyosh	BIOTECHNOLOGY FOR BIOFUELS	OCT 30 2017	2017	10.1186/s13068-017-0932-8
93	Thermal and pH sensitive multifunctional polymer nanoparticles for cancer imaging and therapy	Lei, Tingjun; Manchanda, Romila; Fernandez-Fernandez, Alicia; Huang, Yen-Chih; Wright, Douglas; McGoron, Anthony J.	RSC ADVANCES	2014	2014	10.1039/c4ra01112k
94	Artificial intelligence inspired energy and spectrum aware cluster based routing protocol for cognitive radio sensor networks	Stephan, Thompson; Al-Turjman, Fadi; Joseph, K. Suresh; Balusamy, Balamurugan; Srivastava, Sweta	JOURNAL OF PARALLEL AND DISTRIBUTED COMPUTING	AUG 2020	2020	10.1016/j.jpdc.2020.04.007
95	Arsenic-Induced Neurotoxicity by Dysfunctioning Cholinergic and Dopaminergic System in Brain of Developing Rats	Chandravanshi, Lalit P.; Gupta, Richa; Shukla, Rajendra K.	BIOLOGICAL TRACE ELEMENT RESEARCH	MAY 2019	2019	10.1007/s12011-018-1452-5
96	Surface decorated nanoparticles as surrogate carriers for improved transport and absorption of epirubicin across the gastrointestinal tract: Pharmacokinetic and pharmacodynamic investigations	Tariq, Mohammad; Alam, Md. Aftab; Singh, Anu T.; Panda, Amulya K.; Talegaonkar, Sushama	INTERNATIONAL JOURNAL OF PHARMACEUTICS	MAR 30 2016	2016	10.1016/j.ijpharm.2016.01.054
97	Indian thermal power plant challenges and remedies via application of modified data envelopment analysis	Yadav, Vinod Kumar; Kumar, Niranjani; Ghosh, Santosh; Singh, Kanwardeep	INTERNATIONAL TRANSACTIONS IN OPERATIONAL RESEARCH	NOV 2014	2014	10.1111/itor.12112
98	In silico profiling and structural insights of missense mutations in RET protein kinase domain by molecular dynamics and docking approach	Doss, C. George Priya; Rajith, B.; Chakraborty, Chiranjib; Balaji, V.; Magesh, R.; Gowthami, B.; Menon, Sneha; Swati, M.; Trivedi, Manjari; Paul, Jasmine; Vasani, Richa; Das, Maitreya	MOLECULAR BIOSYSTEMS	2014	2014	10.1039/c3mb70427k
99	Nanoparticles as 'smart' pharmaceutical delivery	Chakraborty, Chiranjib; Pal, Soumen; George, Priya Doss, C.; Wen, Zhi-Hong; Lin, Chan-Shing	FRONTIERS IN BIOSCIENCE-LANDMARK	JUN 1 2013	2013	10.2741/4161
100	Viscous potential flow analysis of capillary instability with heat and mass transfer through porous media	Awasthi, Mukesh Kumar; Asthana, Rishi	INTERNATIONAL COMMUNICATIONS IN HEAT AND MASS TRANSFER	JAN 2013	2013	10.1016/j.icheatmasstransfer.2012.10.026
101	A modified microstrip line fed compact UWB antenna for WiMAX/ISM/WLAN and wireless communications	Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod Kumar	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	2019	2019	10.1016/j.aeue.2019.03.008
102	The crucial role and regulations of miRNAs in zebrafish development	Bhattacharya, Manojit; Sharma, Ashish Ranjan; Sharma, Garima; Patra, Bidhan Chandra; Nam, Ju-Suk; Chakraborty, Chiranjib; Lee, Sang-Soo	PROTOPLASMA	JAN 2017	2017	10.1007/s00709-015-0931-1
103	DNA barcoding to fishes: current status and future directions	Bhattacharya, Manojit; Sharma, Ashish Ranjan; Patra, Bidhan Chandra; Sharma, Garima; Seo, Eun-Min; Nam, Ju-Suk; Chakraborty, Chiranjib; Lee, Sang-Soo	MITOCHONDRIAL DNA PART A	2016	2016	10.3109/19401736.2015.1046175
104	Cold active holocellulase cocktail from <i>Aspergillus niger</i> SH3: process optimization for production and biomass hydrolysis	Tiwari, Rameshwar; Nain, Pawan K. S.; Singh, Surender; Adak, Anurup; Saritha, M.; Rana, Sarika; Sharma, Anamika; Nain, Lata	JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS	NOV 2015	2015	10.1016/j.jtice.2015.04.026
105	Targeted nanoparticles for simultaneous delivery of chemotherapeutic and hyperthermia agents - An in vitro study	Srinivasan, Supriya; Manchanda, Romila; Lei, Tingjun; Nagesetti, Abhignyan; Fernandez-Fernandez, Alicia; McGoron, Anthony J.	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY	JUL 5 2014	2014	10.1016/j.jphotobiol.2014.04.012
106	Computational Approaches and Resources in Single Amino Acid Substitutions Analysis Toward Clinical Research	Doss, C. George Priya; Chakraborty, Chiranjib; Narayan, Vaishnavi; Kumar, D. Thirumal	ADVANCES IN PROTEIN CHEMISTRY AND STRUCTURAL BIOLOGY, VOL 94	2014	2014	10.1016/B978-0-12-800168-4.00010-X
107	Optimum utilisation of self-excited induction generator	Chauhan, Yogesh K.; Yadav, Vinod K.; Singh, Bhim	IET ELECTRIC POWER APPLICATIONS	NOV 2013	2013	10.1049/iet-epa.2013.0038
108	A novel power sector restructuring model based on Data Envelopment Analysis (DEA)	Yadav, Vinod Kumar; Chauhan, Yogesh K.; Padhy, N. P.; Gupta, H. O.	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	JAN 2013	2013	10.1016/j.ijepes.2012.08.013
109	Infrared Small Target Detection Based on Partial Sum Minimization and Total Variation	Rawat, Sur Singh; Alghamdi, Saleh; Kumar, Gyanendra; Alotaibi, Yousef; Khalaf, Osamah Ibrahim; Verma, Lal Pratap	MATHEMATICS	FEB 2022	2022	10.3390/math10040671

110	Integration of cardiovascular risk assessment with COVID-19 using artificial intelligence	Suri, Jasjit S.; Puvvula, Anudeep; Majhail, Misha; Biswas, Mainak; Jamthikar, Ankush D.; Saba, Luca; Faa, Gavino; Singh, Inder M.; Oberleitner, Ronald; Turk, Monika; Srivastava, Saurabh; Chadha, Paramjit S.; Suri, Harman S.; Johri, Amer M.; Nambi, Vijay; Sanches, J. Miguel; Khanna, Narendra N.; Viskovic, Klaujdia; Mavrogeni, Sophie; Laird, John R.; Bit, Arindam; Pareek, Gyan; Miner, Martin; Balestrien, Antonella; Sfrikakis, Petros P.; Tsoulfas, George; Proterogerou, Athanasios; Misra, Durga Prasanna; Agarwal, Vikas; Kitas, George D.; Kolluri, Raghu; Teji, Jagjit; Porcu, Michele; Al-Maini, Mustafa; Agbakoba, Ann; Sockalingam, Meyypan; Sexena, Ajit; Nicolaides, Andrew; Sharma, Aditya; Rathore, Vijay; Viswanathan, Vijay; Naidu, Subbaram; Bhatt, Deepak L.	REVIEWS IN CARDIOVASCULAR MEDICINE	DEC 30 2020	2020	10.31083/j.rcm.2020.04.236
111	Effect of Vortex Generators on Film Cooling Effectiveness	Sarkar, S.; Ranakoti, Ganesh	JOURNAL OF TURBOMACHINERY-TRANSACTIONS OF THE ASME	JUN 2017	2017	10.1115/1.4035275
112	Developing a Shade Range on Wool by Madder (Rubia cordifolia) Root Extract with Gallnut (Quercus infectoria) as Biomordant	Yusuf, Mohd; Khan, Shafat Ahmad; Shabbir, Mohd; Mohammad, Faqeer	JOURNAL OF NATURAL FIBERS	2017	2017	10.1080/15440478.2016.1240641
113	Deciphering the impact of somatic mutations in exon 20 and exon 9 of PIK3CA gene in breast tumors among Indian women through molecular dynamics approach	Sudhakar, N.; Doss, C. George Priya; Kumar, D. Thirumal; Chakraborty, Chiranjib; Anand, Kushi; Suresh, M.	JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS	2016	2016	10.1080/07391102.2015.1007483
114	First-principles calculations of the structural, phonon and thermal properties of ZnX (X = S, Se, Te) chalcogenides	Sarkar, B. K.; Verma, A. S.; Sharma, S.; Kundu, S. K.	PHYSICA SCRIPTA	JUL 2014	2014	10.1088/0031-8949/89/7/075704
115	Energy matrices, life cycle cost, carbon mitigation and credits of open-loop N concentrated photovoltaic thermal (CPVT) collector at cold climate in India: A comparative study	Tripathi, Rohit; Tiwari, G. N.	SOLAR ENERGY	JUL 1 2019	2019	10.1016/j.solener.2019.05.023
116	Students university healthy lifestyle practice: quantitative analysis	Assaf, Israa; Brieteh, Fatima; Tfaily, Mona; El-Baida, Mariam; Kadyr, Seifedine; Balusamy, Balamurugan	HEALTH INFORMATION SCIENCE AND SYSTEMS	MAR 19 2019	2019	10.1007/s13755-019-0068-2
117	Suppression of osteogenic activity by regulation of WNT and BMP signaling during titanium particle induced osteolysis	Nam, Ju-Suk; Sharma, Ashish Ranjan; Jagga, Supriya; Lee, Dong-Hyun; Sharma, Garima; Lich Thi Nguyen; Lee, Yeon Hee; Chang, Jun-Dong; Chakraborty, Chiranjib; Lee, Sang-Soo	JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A	MAR 2017	2017	10.1002/jbm.a.36004
118	Impact assessment of social media usage in B2B marketing: A review of the literature and a way forward	Tiwary, Nishant Kumar; Kumar, Rishi Kant; Sarraf, Shagun; Kumar, Prashant; Rana, Nripendra P.	JOURNAL OF BUSINESS RESEARCH	JUL 2021	2021	10.1016/j.jbusres.2021.03.028
119	Improved Model for the Stability Analysis of Wireless Sensor Network Against Malware Attacks	Ojha, Rudra Pratap; Srivastava, Pramod Kumar; Sanyal, Goutam; Gupta, Nishu	WIRELESS PERSONAL COMMUNICATIONS	FEB 2021	2021	10.1007/s11277-020-07809-x
120	A journey of celecoxib from pain to cancer	Saxena, Pratiksha; Sharma, Pramod K.; Purohit, Priyank	PROSTAGLANDINS & OTHER LIPID MEDIATORS	APR 2020	2020	10.1016/j.prostaglandins.2019.106379
121	QUANTIFICATION OF RUTIN IN RAT'S BRAIN BY UHPLC/ESI-Q-TOF-MS/MS AFTER INTRANASAL ADMINISTRATION OF RUTIN LOADED CHITOSAN NANOPARTICLES	Ahmad, Niyaz; Ahmad, Rizwan; Naqvi, Atta Abbas; Alam, Md Aftab; Samim, Mohd; Iqbal, Zeenat; Ahmad, Farhan Jalees	EXCLI JOURNAL	2016	2016	10.17179/excli2016-361
122	Next Generation Delivery System for Proteins and Genes of Therapeutic Purpose: Why and How?	Sharma, Ashish Ranjan; Kundu, Shyamal Kumar; Nam, Ju-Suk; Sharma, Garima; Doss, C. George Priya; Lee, Sang-Soo; Chakraborty, Chiranjib	BIOMED RESEARCH INTERNATIONAL	2014	2014	10.1155/2014/327950
123	A Chitosan-PLGA based catechin hydrate nanoparticles used in targeting of lungs and cancer treatment	Ahmad, Niyaz; Ahmad, Rizwan; Alrasheed, Ridha Abdullah; Almatar, Hassan Mohammed Ali; Al-Ramadan, Abdullah Sami; Buhezah, Taysser Mohammed; AlHomoud, Hussain Salman; Al-Nasif, Hassan Ali; Alam, Md Aftab	SAUDI JOURNAL OF BIOLOGICAL SCIENCES	SEP 2020	2020	10.1016/j.sjbs.2020.05.023
124	A Heuristic Angular Clustering Framework for Secured Statistical Data Aggregation in Sensor Networks	Krishnasamy, Lalitha; Dhanaraj, Rajesh Kumar; Gopal, D. Ganesh; Gadekallu, Thippa Reddy; Aboudaif, Mohamed K.; Nasr, Emad Abouel	SENSORS	SEP 2020	2020	10.3390/s20174937
125	An ensemble learning based hybrid model and framework for air pollution forecasting	Chang, Yue-Shan; Abimannan, Satheesh; Chiao, Hsin-Ta; Lin, Chi-Yeh; Huang, Yo-Ping	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	OCT 2020	2020	10.1007/s11356-020-09855-1

126	GTA pulsed current welding of thin sheets of SS304 producing superior quality of joint at high welding speed	Agrawal, B. P.; Chauhan, Ankit Kumar; Kumar, Ravindra, Anant, Rankishor, Kumar, Sudhir	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	NOV 2017	2017	10.1007/s40430-017-0813-x
127	3D micromechanical analysis of thermo-mechanical behavior of Al ₂ O ₃ /Al metal matrix composites	Sharma, Neeraj Kumar; Mishra, Raghendra Kumar; Sharma, Satpal	COMPUTATIONAL MATERIALS SCIENCE	APR 1 2016	2016	10.1016/j.commatsci.2015.12.051
128	Heat transfer to MHD oscillatory dusty fluid flow in a channel filled with a porous medium	Prakash, O. M.; Makinde, O. D.; Kumar, Devendra; Dwivedi, Y. K.	SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES	JUN 2015	2015	
129	Sirtuins Family-Recent Development as a Drug Target for Aging, Metabolism, and Age Related Diseases	Chakraborty, Chiranjib; Doss, George Priya C.	CURRENT DRUG TARGETS	JUN 2013	2013	10.2174/1389450111314060008
130	Adsorptive removal of Pb ²⁺ from aqueous solution by macrocyclic calix[4]naphthalene: kinetic, thermodynamic, and isotherm analysis	Ahmad, Rais; Kumar, Rajeev; Laskar, Mohammad Asaduddin	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	JAN 2013	2013	10.1007/s11356-012-0838-8
131	Contemporary review of techniques for the solution of nonlinear Burgers equation	Dhawan, S.; Kapoor, S.; Kumar, S.; Rawat, S.	JOURNAL OF COMPUTATIONAL SCIENCE	SEP 2012	2012	10.1016/j.jocs.2012.06.003
132	Recent advances on nano-adsorbents and nanomembranes for the remediation of water	Puri, Nidhi; Gupta, Anjali; Mishra, Anuradha	JOURNAL OF CLEANER PRODUCTION	NOV 1 2021	2021	10.1016/j.jclepro.2021.129051
133	An intrusion detection scheme based on the ensemble of discriminant classifiers	Bhati, Bhoopesh Singh; Rai, C. S.; Balamurugan, B.; Al-Turjman, Fadi	COMPUTERS & ELECTRICAL ENGINEERING	SEP 2020	2020	10.1016/j.compeleceng.2020.106742
134	A deep neural network based classifier for brain tumor diagnosis	Kumar, Ambeshwar; Ramachandran, Manikandan; Gandomi, Amir H.; Patan, Rizwan; Lukasik, Szymon; Soundarapandian, Ravichandran Kattur	APPLIED SOFT COMPUTING	SEP 2019	2019	10.1016/j.asoc.2019.105528
135	Stability facilitation of nanoparticles prepared by ultrasound assisted solvent-antisolvent method: Effect of neem gum, acrylamide grafted neem gum and carbonylmethylated neem gum over size, morphology and drug release	Malviya, Rishabha; Sharma, Pramod Kumar; Dubey, Susheel Kumar	MATERIALS SCIENCE & ENGINEERING C- MATERIALS FOR BIOLOGICAL APPLICATIONS	OCT 1 2018	2018	10.1016/j.msec.2018.06.013
136	Target coverage in random wireless sensor networks using cover sets	Katti, Anvesha	JOURNAL OF KING SAUD UNIVERSITY- COMPUTER AND INFORMATION SCIENCES	MAR 2022	2022	10.1016/j.jksuci.2019.05.006
137	Scar free healing of full thickness diabetic wounds: A unique combination of silver nanoparticles as antimicrobial agent, calcium alginate nanoparticles as hemostatic agent, fresh blood as nutrient/growth factor supplier and chitosan as base matrix	Choudhary, Meenakshi; Chhabra, Priyanka; Tyagi, Amit; Singh, Harpal	INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES	MAY 1 2021	2021	10.1016/j.ijbiomac.2021.02.133
138	Optimization of Routing-Based Clustering Approaches in Wireless Sensor Network: Review and Open Research Issues	Manuel, Asha Jerlin; Deverajan, Ganesh Gopal; Patan, Rizwan; Gandomi, Amir H.	ELECTRONICS	OCT 2020	2020	10.3390/electronics9101630
139	Physicochemical and Pharmacokinetic Analysis of Anacardic Acid Derivatives	Zafar, Fahmina; Gupta, Anjali; Thangavel, Karthick; Khatana, Kavita; Sani, Ali Alhaji; Ghosal, Anujit; Tandon, Poonam; Nishat, Nahid	ACS OMEGA	MAR 24 2020	2020	10.1021/acsomega.9b04398
140	Synthesis of 3-(4, 5-dihydro-1-phenyl-5-substituted phenyl-1H-pyrazol-3-yl)-2H-chromen-2-one derivatives and evaluation of their anticancer activity	Kumar, Nitin; Bhatnagar, Ankita; Dudge, Rupesh	ARABIAN JOURNAL OF CHEMISTRY	MAY 2017	2017	10.1016/j.arabjc.2013.09.008
141	An ant colony optimization-based approach for a single-product flow-line reconfigurable manufacturing systems	Maniraj, M.; Pakkirisamy, V.; Jeyapaul, R.	PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART B-JOURNAL OF ENGINEERING MANUFACTURE	MAY 2017	2017	10.1177/0954405415585260
142	A carboxylate-bridged Ni-8(II) cluster with a distorted cubane topology: structure, magnetism and density functional studies	Arora, Himanshu; Cano, Joan; Lloret, Francesc; Mukherjee, Rabindranath	DALTON TRANSACTIONS	2016	2016	10.1039/c6dt01833e
143	Therapeutic microRNA Delivery Strategies with Special Emphasis on Cancer Therapy and Tumorigenesis: Current Trends and Future Challenges	Chakraborty, Chiranjib; Wen, Zhi-Hong; Agoramoorthy, Govindasamy; Lin, Chan-Shing	CURRENT DRUG METABOLISM	2016	2016	10.2174/1389200217666160126142408
144	Comprehensive Review on Maximum Power Point Tracking Techniques: Wind Energy	Mishra, Shilpa; Shukla, Sandeep; Verma, Nitin; Rita	2015 COMMUNICATION, CONTROL AND INTELLIGENT SYSTEMS (CCIS)	2015	2015	
145	Understanding the Molecular Dynamics of Type-2 Diabetes Drug Target DPP-4 and its Interaction with Sitagliptin and Inhibitor Diprotin-A	Chakraborty, Chiranjib; Hsu, Minna J.; Agoramoorthy, Govindasamy	CELL BIOCHEMISTRY AND BIOPHYSICS	NOV 2014	2014	10.1007/s12013-014-9998-0
146	Unsteady heat and mass transfer in a rotating nanofluid layer	Agarwal, Shilpi; Bhadauria, B. S.	CONTINUUM MECHANICS AND THERMODYNAMICS	JUL 2014	2014	10.1007/s00161-013-0309-6

147	Agent-based automated dynamic SLA negotiation framework in the cloud using the stochastic optimization approach	Rajavel, Rajkumar; Thangarathanam, Mala	APPLIED SOFT COMPUTING	MAR 2021	2021	10.1016/j.asoc.2020.107040
148	Augmented healing of full thickness chronic excision wound by rosmarinic acid loaded chitosan encapsulated graphene nanopockets	Chhabra, Priyanka; Chauhan, Gaurav; Kumar, Amit	DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY	JUN 2 2020	2020	10.1080/03639045.2020.1762200
149	A secure cloud-based solution for real-time monitoring and management of Internet of underwater things (IOUT)	Gopinath, M. P.; Tamizharasi, G. S.; Kavisankar, L.; Sathiyaraj, R.; Karthi, S.; Aarthy, S. L.; Balamurugan, B.	NEURAL COMPUTING & APPLICATIONS	JAN 2019	2019	10.1007/s00521-018-3774-9
150	Design of high performance QRS complex detector for wearable healthcare devices using biorthogonal spline wavelet transform	Berwal, Deepak; Kumar, Ashish; Kumar, Yogendera	ISA TRANSACTIONS	OCT 2018	2018	10.1016/j.isatra.2018.08.002
151	Isolation, characterization, and quantification of curcuminoids and their comparative effects in cerebral ischemia	Ahmad, Niyaz; Ahmad, Rizwan; Naqvi, Atta Abbas; Alam, Md Aftab; Ashfaq, Mohammad; Iqbal, Zeenat; Ahmad, Farhan Jalees	JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES	2017	2017	10.1080/10826076.2017.1293549
152	Sentiment Analysis: Approaches and Open Issues	Shahnawaz; Astya, Parmanand	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
153	Big Data Security Issues and challenges	Chaudhari, Neetu; Srivastava, Satyajee	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
154	RETRACTED: Recent Trends of Polymer Mediated Liposomal Gene Delivery System (Retracted article. See vol. 2019, 2019)	Kundu, Shyamal Kumar; Sharma, Ashish Ranjan; Lee, Sang-Soo; Sharma, Garima; Doss, C. George Priya; Yagihara, Shin; Kim, Do-Young; Nam, Ju-Suk; Chakraborty, Chiranjib	BIOMED RESEARCH INTERNATIONAL	2014	2014	10.1155/2014/934605
155	Energy Management System for Hybrid PV/Wind/Battery/Fuel Cell in Microgrid-Based Hydrogen and Economical Hybrid Battery/Super Capacitor Energy Storage	Sahri, Younes; Belkhier, Youcef; Tamalouzt, Salah; Ullah, Nasim; Shaw, Rabindra Nath; Chowdhury, Md Shahariar; Techato, Kuaanan	ENERGIES	SEP 2021	2021	10.3390/en14185722
156	Systemic Resistance in Chilli Pepper against Anthracnose (Caused by Colletotrichum truncatum) Induced by Trichoderma harzianum, Trichoderma asperellum and Paenibacillus dendritiformis	Yadav, Mukesh; Dubey, Manish Kumar; Upadhyay, Ram Sanmukh	JOURNAL OF FUNGI	APR 2021	2021	10.3390/jof7040307
157	Biosensors for Epilepsy Management: State-of-Art and Future Aspects	Tiwari, Shivani; Sharma, Varsha; Mujawar, Mubarak; Mishra, Yogendra Kumar; Kaushik, Ajeet; Ghosal, Anujit	SENSORS	APR 1 2019	2019	10.3390/s19071525
158	Improving the Response Time of M-Learning and Cloud Computing Environments Using a Dominant Firefly Approach	Sekaran, Kaushik; Khan, Mohammad S.; Patan, Rizwan; Gandomi, Amir H.; Krishna, Parimala Venkata; Kallam, Suresh	IEEE ACCESS	2019	2019	10.1109/ACCESS.2019.2896253
159	Dynamics of Diabetes and Obesity: An Alarming Situation in the Developing Countries in Asia	Chakraborty, Chiranjib; Das, Srijit	MINI-REVIEWS IN MEDICINAL CHEMISTRY	2016	2016	10.2174/1389557516666160505115512
160	Big Data Analytics for Security and Privacy Challenges	Mishra, Aditya Dev; Singh, Youddha Beer	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
161	Effects of stenoses on non-Newtonian flow of blood in blood vessels	Prakash, Om; Makinde, O. D.; Singh, S. P.; Jain, Nidhi; Kumar, Devendra	INTERNATIONAL JOURNAL OF BIOMATHEMATICS	JAN 2015	2015	10.1142/S1793524515500102
162	Application of non-dominated sorting genetic algorithm for multi-objective optimization of electrical discharge diamond face grinding process	Yadav, Ravindra Nath; Yadava, Vinod; Singh, G. K.	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY	JUN 2014	2014	10.1007/s12206-014-0520-9
163	Evaluating Protein-protein Interaction (PPI) Networks for Diseases Pathway, Target Discovery, and Drug-design Using 'In silico Pharmacology'	Chakraborty, Chiranjib; Doss, George Priya . C.; Chen, Luonan; Zhu, Hailong	CURRENT PROTEIN & PEPTIDE SCIENCE	2014	2014	10.2174/1389203715666140724090153
164	A Hybrid CNN-SVM Threshold Segmentation Approach for Tumor Detection and Classification of MRI Brain Images	Khairandish, M. O.; Sharma, M.; Jain, V.; Chatterjee, J. M.; Jhanjhi, N. Z.	IRBM	AUG 2022	2022	10.1016/j.irbm.2021.06.003
165	Mesenchymal Stem Cell-Derived Extracellular Vesicles: Regenerative Potential and Challenges	Fuloria, Shivkanya; Subramanian, Vetriselvan; Dahiya, Rajiv; Dahiya, Sunita; Sudhakar, Kalvatala; Kumari, Usha; Sathasivam, Kathiresan; Meenakshi, Dhanaileshmi Unnikrishnan; Wu, Yuan Seng; Sekar, Mahendran; Malviya, Rishabha; Singh, Amit; Fuloria, Neeraj Kumar	BIOLOGY-BASEL	MAR 2021	2021	10.3390/biology10030172

166	Characterization of microfiber isolated from Hibiscus sabdariffa var. altissima fiber by steam explosion	Karakoti, Abhilash; Biswas, Sunanda; Aseer, J. Ronald; Sindhu, Nidhi; Sanjay, M. R.	JOURNAL OF NATURAL FIBERS	FEB 1 2020	2020	10.1080/15440478.2018.1477085
167	A low profile dual band MIMO antenna for LTE/Bluetooth/Wi-Fi/WLAN applications	Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod Kumar; Kumar, Sachin; Gupta, Surendra Kumar	JOURNAL OF ELECTROMAGNETIC WAVES AND APPLICATIONS	JUN 12 2020	2020	10.1080/09205071.2020.1716859
168	Asymmetric U-shaped printed monopole antenna embedded with T-shaped strip for bluetooth, WLAN/WiMAX applications	Tiwari, Rakesh Nath; Singh, Prabhakar; Kanaujia, Binod Kumar	WIRELESS NETWORKS	JAN 2020	2020	10.1007/s11276-018-1781-5
169	Changes in electrolyte concentrations alter the impedance during ischemia-reperfusion injury in rat brain	Kumar, Gaurav; Kasiviswanathan, Uvanesh; Mukherjee, Sumedha; Mahto, Sanjeev Kumar; Sharma, Neeraj; Patnaik, Ranjana	PHYSIOLOGICAL MEASUREMENT	OCT 2019	2019	10.1088/1361-6579/ab47ee
170	All-optical NOT and AND gates based on 2D nonlinear photonic crystal ring resonant cavity	Kumar, Alok; Gupta, Man Mohan; Medhekar, Sarang	OPTIK	2018	2018	10.1016/j.ijleo.2018.04.042
171	Biochemical characterization and thermal inactivation of polyphenol oxidase from elephant foot yam (Amorphophallus paeoniifolius)	Singh, Anuradha; Wadhwa, Neeraj	JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE	JUN 2017	2017	10.1007/s13197-017-2647-z
172	Query Processing of Inconsistent Data using Neutrosophic Set	De, Soumitra; Mishra, Jaydev; Ghosh, Sharmistha	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
173	Threshold Cryptography Based Data Security in Cloud Computing	Saroj, Sushil Kr; Chauhan, Sanjeev Kr; Sharma, Aravendra Kr; Vats, Sundaram	2015 IEEE INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND COMMUNICATION TECHNOLOGY CICT 2015	2015	2015	10.1109/CICT.2015.149
174	EmotionFinder: Detecting Emotion From Blogs and Textual Documents	Shivhare, Shiv Naresh; Garg, Shakun; Mishra, Anitesh	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
175	Linear Sensor Networks: Applications, Issues and Major Research Trends	Varshney, Sudeep; Kumar, Chiranjeev; Swaroop, Abhishek	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
176	Harnessing the hydrolytic potential of phytopathogenic fungus Phoma exigua ITCC 2049 for saccharification of lignocellulosic biomass	Tiwari, Rameshwar; Singh, Surender; Nain, Pawan K. S.; Rana, Sarika; Sharma, Anamika; Pranaw, Kumar; Nain, Lata	BIORESOURCE TECHNOLOGY	DEC 2013	2013	10.1016/j.biortech.2013.10.007
177	Ensemble Classification and IoT-Based Pattern Recognition for Crop Disease Monitoring System	Nagasubramanian, Gayathri; Sakthivel, Rakesh Kumar; Patan, Rizwan; Sankayya, Muthuramalingam; Daneshmand, Mahmoud; Gandomi, Amir H.	IEEE INTERNET OF THINGS JOURNAL	AUG 15 2021	2021	10.1109/JIOT.2021.3072908
178	A review of inclusion of nanofluids on the attainment of different types of solar collectors	Singh, Gaurav; Singh, Desh Bandhu; Kumar, Sanjeev; Bharti, Kiran; Chhabra, Sandeep	MATERIALS TODAY-PROCEEDINGS	2021	2021	10.1016/j.matpr.2020.06.238
179	Comprehensive Review of Methodology to Detect Reactive Oxygen Species (ROS) in Mammalian Species and Establish Its Relationship with Antioxidants and Cancer	Fuloria, Shivkanya; Subramanian, Vetriselvan; Karupiah, Sundram; Kumari, Usha; Sathasivam, Kathiresan; Meenakshi, Dhanalekshmi; Umnikrishnan; Wu, Yuan Seng; Sekar, Mahendran; Chitranshi, Nitin; Malviya, Rishabha; Sudhakar, Kalvatala; Bajaj, Sakshi; Fuloria, Neeraj Kumar	ANTIOXIDANTS	JAN 2021	2021	10.3390/antiox10010128
180	Frequency regulation using neural network observer based controller in power system	Prasad, Sheelta; Ansari, Mohammad Rashid	CONTROL ENGINEERING PRACTICE	SEP 2020	2020	10.1016/j.conengprac.2020.104571
181	A novel automated system of discriminating Microaneurysms in fundus images	Derwin, D. Jeba; Selvi, S. Tamil; Singh, O. Jeba; Shan, B. Priestly	BIOMEDICAL SIGNAL PROCESSING AND CONTROL	APR 2020	2020	10.1016/j.bspc.2019.101839
182	Optimal virtual machine selection for anomaly detection using a swarm intelligence approach	Selvaraj, Aravinthkumar; Patan, Rizwan; Gandomi, Amir H.; Deverajan, Ganesh Gopal; Pushparaj, Manjula	APPLIED SOFT COMPUTING	NOV 2019	2019	10.1016/j.asoc.2019.105686
183	A Generalized Power-Flow Model of VSC-Based Hybrid AC-DC Systems Integrated With Offshore Wind Farms	Khan, Shagufta; Bhowmick, Suman	IEEE TRANSACTIONS ON SUSTAINABLE ENERGY	OCT 2019	2019	10.1109/TSTE.2018.2870914
184	Numerical investigation of temperature dependent water infiltrated D-shaped dual core photonic crystal fiber (D-DC-PCF) for sensing applications	Madhavan, P.; Thamizharasi, V.; Kumar, M. V. Ranjith; Kumar, A. Suresh; Jabin, Md. Asaduzzaman; Sampathkumar, A.	RESULTS IN PHYSICS	JUN 2019	2019	10.1016/j.rinp.2019.102289
185	Design of High-Performance ECG Detector for Implantable Cardiac Pacemaker Systems using Biorthogonal Wavelet Transform	Kumar, Ashish; Berwal, Deepak; Kumar, Yogendera	CIRCUITS SYSTEMS AND SIGNAL PROCESSING	SEP 2018	2018	10.1007/s00034-018-0754-3
186	Construction of death in H1N1 news in The Times of India	Krishnatray, Pradeep; Gadekar, Rahul	JOURNALISM	AUG 2014	2014	10.1177/1464884913496497

187	Novel biomarker for prostate cancer diagnosis by MRS	Sarkar, Bimal Kumar; Chakraborty, Chiranjib; Sharma, Ashish Ranjan; Bae, Kee-Jeong; Sharma, Garima; Doss, George Priya; Dutta, Debnarayan; Ding, Shangwu; Garbold, Bilguun; Nam, Ju-Suk; Lee, Sang-Soo	FRONTIERS IN BIOSCIENCE-LANDMARK	JUN 1 2014	2014	10.2741/4275
188	Application of Evolutionary Based in Silico Methods to Predict the Impact of Single Amino Acid Substitutions in Vitelliform Macular Dystrophy	Doss, C. George Priya; Chakraborty, Chiranjib; Abishek, N. Nonford Paul; Kumar, D. Thirumal; Narayanan, Vaishnavi	ADVANCES IN PROTEIN CHEMISTRY AND STRUCTURAL BIOLOGY, VOL 94	2014	2014	10.1016/B978-0-12-800168-4.00006-8
189	Modelling and simulation of AdDoKu based reconfiguration technique to harvest maximum power from photovoltaic array under partial shading conditions	Anjum, Shahroz; Mukherjee, V; Mehta, Gitanjali	SIMULATION MODELLING PRACTICE AND THEORY	FEB 2022	2022	10.1016/j.simpat.2021.102447
190	Evaluation of Antitumor Efficacy of Chitosan-Tamarind Gum Polysaccharide Polyelectrolyte Complex Stabilized Nanoparticles of Simvastatin	Malviya, Rishabha; Raj, Shakshi; Fuloria, Shivkanya; Subramaniam, Vetriselvan; Sathasivam, Kathiresan; Kumar, Usha; Meenakshi, Dhanalekshmi Unnikrishnan; Porwal, Omji; Kumar, Damal Hari; Singh, Amit; Chakravarthi, Sri Kumar; Fuloria, Neeraj Kumar	INTERNATIONAL JOURNAL OF NANOMEDICINE	2021	2021	10.2147/IJN.S300991
191	Performance Enhancement of PV System Configurations Under Partial Shading Conditions Using MS Method	Sharma, Snigdha; Varshney, Lokesh; Elavarasan, Rajvikram Madurai; Vardhan, Akanksha Singh S.; Vardhan, Aanchal Singh S.; Saket, R. K.; Subramaniam, Umashankar; Hossain, Eklas	IEEE ACCESS	2021	2021	10.1109/ACCESS.2021.3071340
192	Effect of poling on piezocatalytic removal of multi-pollutants using BaTiO ₃	Xu, Jin; Zang, Tingting; Du, Ding; Kumar, Sandeep; Sharma, Moolchand; Vaish, Rahul	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	APR 2021	2021	10.1111/jace.17578
193	Energy and spectrum aware unequal clustering with deep learning based primary user classification in cognitive radio sensor networks	Stephan, Thompson; Al-Turjman, Fadi; Suresh, Joseph K.; Balusamy, Balamurugan	INTERNATIONAL JOURNAL OF MACHINE LEARNING AND CYBERNETICS	NOV 2021	2021	10.1007/s13042-020-01154-y
194	Improving End-Users Utility in Software-Defined Wide Area Network Systems	Sahoo, Kshira Sagar; Mishra, Pritish; Tiwary, Mayank; Ramasubbareddy, Somula; Balusamy, Balamurugan; Gandomi, Amir H.	IEEE TRANSACTIONS ON NETWORK AND SERVICE MANAGEMENT	JUN 2020	2020	10.1109/TNSM.2019.2953621
195	Robust Defense Scheme Against Selective Drop Attack in Wireless Ad Hoc Networks	Poongodi, T.; Khan, Mohammed S.; Patan, Rizwan; Gandomi, Amir H.; Balusamy, Balamurugan	IEEE ACCESS	2019	2019	10.1109/ACCESS.2019.2896001
196	ROS mediated crosstalk between endoplasmic reticulum and mitochondria by Phloxine B under environmental UV irradiation	Goyal, Shruti; Amar, Saroj Kumar; Srivastav, Ajeet Kumar; Chopra, Deepti; Pal, Manish Kumar; Arjaria, Nidhi; Ray, Ratan Singh	JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY	AUG 2016	2016	10.1016/j.jphotobiol.2016.05.031
197	Dynamic resource allocation in OFDM based cognitive radio system considering primary user QoS and secondary user proportional constraints	Krishnan, K. V.; Sajith, R. M.; Khara, S.	JOURNAL OF COMMUNICATIONS TECHNOLOGY AND ELECTRONICS	NOV 2015	2015	10.1134/S106422691511008X
198	DES and AES Performance Evaluation	Bhat, Bawna; Ali, Abdul Wahid; Gupta, Apurva	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
199	An evaluation of an integrated perspective of perceived service quality for retail banking services in India	Mittal, Sanjiv; Gera, Rajat; Batra, Dharminder Kumar	INTERNATIONAL JOURNAL OF BANK MARKETING	2015	2015	10.1108/IJBM-02-2014-0020
200	Uncertain Query Processing using Vague Set or Fuzzy Set: Which One Is Better?	Mishra, J.; Ghosh, S.	INTERNATIONAL JOURNAL OF COMPUTERS COMMUNICATIONS & CONTROL	DEC 2014	2014	10.15837/ijcc.2014.6.500
201	Flow patterns in linear state of Rayleigh-Benard convection in a rotating nanofluid layer	Agarwal, Shilpi; Bhadauria, B. S.	APPLIED NANOSCIENCE	NOV 2014	2014	10.1007/s13204-013-0273-2
202	Near-infrared dye loaded polymeric nanoparticles for cancer imaging and therapy and cellular response after laser-induced heating	Lei, Tingjun; Fernandez-Fernandez, Alicia; Manchanda, Romila; Huang, Yen-Chih; McGoron, Anthony J.	BEILSTEIN JOURNAL OF NANOTECHNOLOGY	MAR 18 2014	2014	10.3762/bjnano.5.35
203	Robust interconnection and damping assignment energy-based control for a permanent magnet synchronous motor using high order sliding mode approach and nonlinear observer	Belkhier, Youcef; Shaw, Rabindra Nath; Bures, Miroslav; Islam, Md Rabiul; Bajaj, Mohit; Albalawi, Fahad; Alqurashi, Amru; Ghoneim, Sherif S. M.	ENERGY REPORTS	NOV 2022	2022	10.1016/j.egy.2021.12.075
204	Chitosan-Coated 5-Fluorouracil Incorporated Emulsions as Transdermal Drug Delivery Matrices	Khan, Taif Ali; Azad, Abul Kalam; Fuloria, Shivkanya; Nawaz, Asif; Subramaniam, Vetriselvan; Akhlaq, Muhammad; Safdar, Muhammad; Sathasivam, Kathiresan V.; Sekar, Mahendran; Porwal, Omji; Meenakshi, Dhanalekshmi Unnikrishnan; Malviya, Rishabha; Mireia, Mireia Mallandrich; Mendiratta, Ajay; Fuloria, Neeraj Kumar	POLYMERS	OCT 2021	2021	10.3390/polym13193345

205	A Disaster Management Framework Using Internet of Things-Based Interconnected Devices	Sharma, Kaljot; Anand, Darpan; Sabharwal, Munish; Tiwari, Pradeep Kumar; Cheikhrouhou, Omar; Frikha, Tarek	MATHEMATICAL PROBLEMS IN ENGINEERING	MAY 20 2021	2021	10.1155/2021/9916440
206	Solar still performance investigation by incorporating the shape of basin liner: A short review	Patel, Raj Vardhan; Bharti, Kiran; Singh, Gaurav; Kumar, Rajeev; Chhabra, Sandeep; Singh, Desh Bandhu	MATERIALS TODAY-PROCEEDINGS	2021	2021	10.1016/j.matpr.2020.12.142
207	Secure and concealed watchdog selection scheme using masked distributed selection approach in wireless sensor networks	Soundararajan, Rajasoundaran; Palanisamy, Narayanasamy; Patan, Rizwan; Nagasubramanian, Gayathri; Khan, Mohammed S.	IET COMMUNICATIONS	APR 1 2020	2020	10.1049/iet-com.2019.0494
208	Single cell oil production by a novel yeast Trichosporon mycotoxinivorans for complete and ecofriendly valorization of paddy straw	Sagia, Sajish; Sharma, Anamika; Singh, Surender; Chaturvedi, Shivani; Nain, Pawan Kumar Singh; Nain, Lata	ELECTRONIC JOURNAL OF BIOTECHNOLOGY	MAR 2020	2020	10.1016/j.ejbt.2020.01.009
209	Genotypic diversity in clinical and environmental isolates of Cryptococcus neoformans from India using multilocus microsatellite and multilocus sequence typing	Prakash, Anupam; Sundar, Gandhi; Sharma, Brijesh; Hagen, Ferry; Meis, Jacques F.; Chowdhary, Anuradha	MYCOSES	MAR 2020	2020	10.1111/myc.13041
210	Withanolide a penetrates brain via intra-nasal administration and exerts neuroprotection in cerebral ischemia reperfusion injury in mice	Mukherjee, Sumedha; Kumar, Gaurav; Patnaik, Ranjana	XENOBIOTICA	AUG 2 2020	2020	10.1080/00498254.2019.1709228
211	Nanoparticled System: Promising Approach for the Management of Alzheimer's Disease through Intranasal Delivery	Bahadur, Shiv; Sachan, Nidhi; Harwansh, Ranjit K.; Deshmukh, Rohitas	CURRENT PHARMACEUTICAL DESIGN	2020	2020	10.2174/1381612826666200311131658
212	Influence of PC-GTAW Parameters on the Microstructural and Mechanical Properties of Thin AISI 1008 Steel Joints	Kumar, Ravindra; Anant, Ramkishor; Ghosh, P. K.; Kumar, Ankit; Agrawal, B. P.	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	SEP 2016	2016	10.1007/s11665-016-2211-4
213	Influence of thermal characteristics on microstructure of pulse current GMA weld bead of HSLA steel	Agrawal, B. P.; Ghosh, P. K.	INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY	APR 2015	2015	10.1007/s00170-014-6450-y
214	Multi-Faceted Measurement Framework for Test Case Classification and Fitness Evaluation using Fuzzy Logic Based Approach	Kumar, Manoj; Sharma, Arun; Kumar, Rajesh	CHIANG MAI JOURNAL OF SCIENCE	JUL 2012	2012	
215	A robust drug recall supply chain management system using hyperledger blockchain ecosystem	Agrawal, Divyansh; Minocha, Sachin; Namasudra, Suyel; Gandomi, Amir H.	COMPUTERS IN BIOLOGY AND MEDICINE	JAN 2022	2022	10.1016/j.complbiomed.2021.105100
216	Evaluation and Characterization of Tamarind Gum Polysaccharide: The Biopolymer	Malviya, Rishabha; Sundram, Sonali; Fuloria, Shivkanya; Subramaniyan, Vetriselvan; Sathasivam, Kathiresan V.; Azad, Abul Kalam; Sekar, Mahendran; Kumar, Darnal Hari; Chakravarthi, Sri Kumar; Porwal, Omji; Meenakshi, Dhanalekshmi Unnikrishnan; Fuloria, Neeraj Kumar	POLYMERS	SEP 2021	2021	10.3390/polym13183023
217	Longitudinal strain waves propagating in an infinitely long cylindrical rod composed of generally incompressible materials and its Jacobi elliptic function solutions	Silambarasan, Rathinavel; Baskonus, Haci Mehmet; Anand, R. Vijay; Dinakaran, M.; Balusamy, Balamurugan; Gao, Wei	MATHEMATICS AND COMPUTERS IN SIMULATION	APR 2021	2021	10.1016/j.matcom.2020.11.011
218	Design of pseudo-random number generator from turbulence padded chaotic map	Krishnamoorthi, Sathya; Jayapaul, Premalatha; Dhanaraj, Rajesh Kumar; Rajasekar, Vani; Balusamy, Balamurugan; Islam, S. K. Hafizul	NONLINEAR DYNAMICS	APR 2021	2021	10.1007/s11071-021-06346-x
219	Design and evaluation of ciprofloxacin loaded collagen chitosan oxygenating scaffold for skin tissue engineering	Tripathi, Satyavrat, Singh, Bhisam Narayan; Divakar, Singh; Kumar, Gaurav; Mallick, Sarada Prasanna; Srivastava, Pradeep	BIOMEDICAL MATERIALS	MAR 1 2021	2021	10.1088/1748-605X/abd1b8
220	Ensemble Algorithm using Transfer Learning for Sheep Breed Classification	Agrawal, Divyansh; Minocha, Sachin; Namasudm, Suyel; Kumar, Sathish	IEEE 15TH INTERNATIONAL SYMPOSIUM ON APPLIED COMPUTATIONAL INTELLIGENCE AND INFORMATICS (SACI 2021)	2021	2021	10.1109/SACI51354.2021.9465609
221	Design, synthesis, and biological evaluation of imidazopyridine-linked thiazolidinone as potential anticancer agents	Iqbal, Md Azhar; Husain, Asif; Alam, Ozair; Khan, Shah A.; Ahmad, Aftab; Haider, Md Rafi; Alam, Md Aftab	ARCHIV DER PHARMAZIE	OCT 2020	2020	10.1002/ardp.202000071
222	Isolation, identification, carbon utilization profile and control of Pythium graminicola, the causal agent of chilli damping-off	Dubey, Manish Kumar; Zehra, Andleeb; Aamir, Mohd.; Yadav, Mukesh; Samal, Swarnmaia; Upadhyay, Ram Sanmukh	JOURNAL OF PHYTOPATHOLOGY	FEB 2020	2020	10.1111/jph.12872
223	Determination of Uplift Capacity of Suction Caisson Using Gaussian Process Regression, Minimax Probability Machine Regression and Extreme Learning Machine	Samui, Pijush; Kim, Dookie; Jagan, J.; Roy, Sanjiban Sekhar	IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY-TRANSACTIONS OF CIVIL ENGINEERING	JUL 2019	2019	10.1007/s40996-018-0155-7

224	Small-size scarecrow-shaped CPW and microstrip-line-fed UWB antennas	Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod Kumar	JOURNAL OF COMPUTATIONAL ELECTRONICS	SEP 2018	2018	10.1007/s10825-018-1182-0
225	Design, synthesis and cytotoxicity evaluation of pyrazolyl pyrazoline and pyrazolyl aminopyrimidine derivatives as potential anticancer agents	Alam, Raquib; Alam, Aftab; Panda, Amulya K.; Rahisuddin	MEDICINAL CHEMISTRY RESEARCH	FEB 2018	2018	10.1007/s00044-017-2082-8
226	Low Energy Adaptive Clustering Hierarchy (LEACH) Protocol: Simulation and Analysis using MATLAB	Agarwal, Karan; Agarwal, Kunal; Muruganandam, K.	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
227	Analysis of the levitation force of pure and starch/polystyrene/MWCNT added bulk MgB ₂ superconductors using frozen image model under zero field cooling condition	Tripathi, D.; Dey, T. K.	CRYOGENICS	APR 2016	2016	10.1016/j.cryogenics.2016.01.002
228	PATTERN-SIMILARITY-BASED MODEL FOR TIME SERIES PREDICTION	Bhardwaj, Saurabh; Srivastava, Smriti; Gupta, J. R. P.	COMPUTATIONAL INTELLIGENCE	FEB 2015	2015	10.1111/coin.12015
229	A review of metallic radiation recuperators for thermal exhaust heat recovery	Sharma, Harshdeep; Kumar, Anoop; Varun; Khurana, Sourabh	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY	MAR 2014	2014	10.1007/s12206-013-1186-4
230	Survey on pLSA based Scene Classification Techniques	Singh, Anamika; Parmanand; Saurabh	2014 5TH INTERNATIONAL CONFERENCE CONFLUENCE THE NEXT GENERATION INFORMATION TECHNOLOGY SUMMIT (CONFLUENCE)	2014	2014	
231	Topology Mapping of Insulin-Regulated Glucose Transporter GLUT4 Using Computational Biology	Chakraborty, Chiranjib; Bandyopadhyay, Sanghamitra; Maulik, Ujjwal; Agoramoorthy, Govindasamy	CELL BIOCHEMISTRY AND BIOPHYSICS	DEC 2013	2013	10.1007/s12013-013-9644-2
232	Lanthanide based double perovskites: Bifunctional catalysts for oxygen evolution/reduction reactions	Kumar, Sachin; Singh, Monika; Pal, Raj; Azad, Uday Pratap; Singh, Ashish Kumar; Singh, Divya Pratap; Ganesan, Vellaichamy; Singh, Akhilesh Kumar; Prakash, Rajiv	INTERNATIONAL JOURNAL OF HYDROGEN ENERGY	MAY 13 2021	2021	10.1016/j.ijhydene.2021.02.141
233	Comparative investigation of double slope solar still by incorporating different types of collectors: A mini review	Patel, Raj Vardhan; Bharti, Kiran; Singh, Gaurav; Mittal, Gaurav; Singh, Desh Bandhu; Yadav, Anshul	MATERIALS TODAY-PROCEEDINGS	2021	2021	10.1016/j.matpr.2020.07.338
234	Ab initio study of molybdenum sulfo-selenides alloy as a flexible anode for sodium-ion batteries	Sharma, Archana; Khan, Mohd Shahid; Khan, Md Shahzad; Husain, Mushahid	APPLIED SURFACE SCIENCE	JAN 15 2021	2021	10.1016/j.apsusc.2020.147973
235	Prolactin attenuates global cerebral ischemic injury in rat model by conferring neuroprotection	Vermani, Bhawna; Mukherjee, Sumedha; Kumar, Gaurav; Patnaik, Ranjana	BRAIN INJURY	APR 15 2020	2020	10.1080/02699052.2020.1726466
236	Cluster Based Localization Scheme with Backup Node in Underwater Wireless Sensor Network	Sahana, Subrata; Singh, Karan	WIRELESS PERSONAL COMMUNICATIONS	FEB 2020	2020	10.1007/s11277-019-06807-y
237	Disaster risk in the urban villages of Delhi	Kumar, Bipasha; Bhaduri, Sanjukta	INTERNATIONAL JOURNAL OF DISASTER RISK REDUCTION	OCT 2018	2018	10.1016/j.ijdr.2018.04.022
238	Design, Synthesis, and Cytotoxicity Evaluation of 3-(5-(3-(aryl)-1-phenyl-1H-pyrazol-4-yl)-1-phenyl-4,5-dihydro-1H-pyrazol-3-yl)pyridine and 5-(3-(aryl)-1-phenyl-1H-pyrazol-4-yl)-3-(pyridin-3-yl)-4,5-dihydropyrazole-1-carbaldehyde Derivatives as Potential Anticancer Agents	Alam, Raquib; Alam, Md. Aftab; Panda, Amulya K.; Rahisuddin	JOURNAL OF HETEROCYCLIC CHEMISTRY	MAY 2017	2017	10.1002/jhet.2768
239	Characteristics of Extra Narrow Gap Weld of HSLA Steel Welded by Single-Seam per Layer Pulse Current GMA Weld Deposition	Agrawal, B. P.; Ghosh, P. K.	JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE	MAR 2017	2017	10.1007/s11665-017-2516-y
240	Simultaneous saccharification and fermentation of alkali-pretreated corn cob under optimized conditions using cold-tolerant indigenous holocellulase	Sharma, Anamika; Nain, Vikrant; Tiwari, Rameshwar; Singh, Surender; Adak, Anurup; Nain, Pawan Kumar Singh; Nain, Lata	KOREAN JOURNAL OF CHEMICAL ENGINEERING	MAR 2017	2017	10.1007/s11814-016-0334-9
241	Review on Finger Vein Feature Extraction Methods	Dev, Rahul; Khanam, Ruqaiya	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
242	Improved oral efficacy of epirubicin through polymeric nanoparticles: pharmacodynamic and toxicological investigations	Tariq, Mohammad; Alam, Md. Aftab; Singh, Anu T.; Panda, Amulya K.; Talegaonkar, Sushama	DRUG DELIVERY	OCT 2016	2016	10.3109/10717544.2015.1136713
243	Formulation and Application of Biodegradable Nanoparticles Based Biopharmaceutical Delivery - An Efficient Delivery System	Bhattacharjee, Surajit; Sarkar, Biplab; Sharma, Ashish Ranjan; Gupta, Priya; Sharma, Garima; Lee, Sang-Soo; Chakraborty, Chiranjib	CURRENT PHARMACEUTICAL DESIGN	2016	2016	10.2174/1381612822666160307151241

244	Digital Image Watermarking and its optimization using Genetic Algorithm	Khanna, Anshul Kanchan; Roy, Nihar Ranjan; Verma, Bhupendra	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
245	Android Phone Forensic: Tools and Techniques	Roy, Nihar Ranjan; Khanna, Anshul Kanchan; Aneja, Leesha	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
246	Energy Efficiency in routing protocol and data collection approaches for WSN : A Survey	Ali, Abdul Wahid; Parmanand	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
247	Crucial Protein Based Drug Targets and Potential Inhibitors for Osteoporosis: New Hope and Possibilities	Chakraborty, Chiranjib; Doss, C. George Priya	CURRENT DRUG TARGETS	DEC 2013	2013	10.2174/13894501113146660233
248	Computational Analysis of C-Reactive Protein for Assessment of Molecular Dynamics and Interaction Properties	Chakraborty, Chiranjib; Agrawal, Alok	CELL BIOCHEMISTRY AND BIOPHYSICS	NOV 2013	2013	10.1007/s12013-013-9553-4
249	Secure Data Transmission in Internet of Medical Things Using RES-256 Algorithm	Nagarajan, Senthil Murugan; Deverajan, Ganesh Gopal; Kumaran, U.; Thirunavukkarasan, M.; Aishehri, Mohammad Dahman; Alkhaif, Salem	IEEE TRANSACTIONS ON INDUSTRIAL INFORMATICS	DEC 2022	2022	10.1109/TII.2021.3126119
250	Hyper SuDoKu-Based Solar Photovoltaic Array Reconfiguration for Maximum Power Enhancement Under Partial Shading Conditions	Anjum, Shahroz; Mukherjee, V.; Mehta, Gitanjali	JOURNAL OF ENERGY RESOURCES TECHNOLOGY-TRANSACTIONS OF THE ASME	MAR 1 2022	2022	10.1115/1.4051427
251	A novel phishing detection system using binary modified equilibrium optimizer for feature selection	Minocha, Sachin; Singh, Birmohan	COMPUTERS & ELECTRICAL ENGINEERING	MAR 2022	2022	10.1016/j.compeleceng.2022.107689
252	Advanced SuDoKu-Based Reconfiguration Strategies for Maximum Power Extraction From Partially Shaded Solar Photovoltaic Array	Anjum, Shahroz; Mukherjee, V; Mehta, Gitanjali	JOURNAL OF SOLAR ENERGY ENGINEERING-TRANSACTIONS OF THE ASME	DEC 1 2021	2021	10.1115/1.4051090
253	Intelligent Energy-Based Modified Super Twisting Algorithm and Fractional Order PID Control for Performance Improvement of PMSG Dedicated to Tidal Power System	Belkhier, Youcef; Achour, Abdelyazid; Ullah, Nasim; Shaw, Rabinra N.; Farooq, Zaheer; Ullah, Anees; Alzaed, Ali Nasser	IEEE ACCESS	2021	2021	10.1109/ACCESS.2021.3072332
254	Energy Aware Clustering with Multihop Routing Algorithm for Wireless Sensor Networks	Daniel, A.; Baalamurugan, K. M.; Vijay, R.; Arjun, K. P.	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2021	2021	10.32604/iasc.2021.016405
255	Multi-modal prediction of breast cancer using particle swarm optimization with non-dominating sorting	Vijayalakshmi, S.; John, A.; Sunder, R.; Mohan, Senthilkumar; Bhattacharya, Sweta; Kaluri, Rajesh; Feng, Guang; Tariq, Usman	INTERNATIONAL JOURNAL OF DISTRIBUTED SENSOR NETWORKS	NOV 2020	2020	10.1177/1550147720971505
256	A Coalesced Kite Shaped Monopole Antenna for UWB Technology	Tiwari, Rakesh Nath; Singh, Prabhakar; Kanauija, Binod Kumar; Pandit, Amit Kant	WIRELESS PERSONAL COMMUNICATIONS	OCT 2020	2020	10.1007/s11277-020-07516-7
257	A novel RPL-based multicast routing mechanism for wireless sensor networks	Hwang, Ren-Hung; Peng, Min-Chun; Wu, Cheng-Yu; Abimannan, Satheesh	INTERNATIONAL JOURNAL OF AD HOC AND UBIQUITOUS COMPUTING	2020	2020	10.1504/IJAHUC.2020.105474
258	Mesta (Hibiscus spp.) - a potential feedstock for bioethanol production	Lavanya, A. K.; Sharma, Anamika; Choudhary, Shashi Bhushan; Sharma, Hariom Kumar; Nain, Pawan Kumar Singh; Singh, Surender; Nain, Lata	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	NOV 1 2020	2020	10.1080/15567036.2019.1618980
259	Study of factors affecting Springback in Sheet Metal Forming and Deep Drawing Process	Lal, Radha Krishna; Choubey, Vikas Kumar; Dwivedi, J. P.; Kumar, Shravan	MATERIALS TODAY-PROCEEDINGS	2018	2018	10.1016/j.matpr.2017.12.002
260	Zika: How safe is India?	Doss, C. George Priya; Siva, R.; Christopher, B. Prabhu; Chakraborty, Chiranjib; Zhu, Hailong	INFECTIOUS DISEASES OF POVERTY	JAN 31 2017	2017	10.1186/s40249-016-0234-6
261	A Relative Survey of Various LEACH Based Routing Protocols in Wireless Sensor Networks	Das, Abhijeet; Rishikesh; Astya, Parma Nand	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
262	Two-step statistical optimization for cold active beta-glucosidase production from Pseudomonas lutea BG8 and its application for improving saccharification of paddy straw	Tiwari, Rameshwar; Pranaw, Kumar; Singh, Surender; Nain, Pawan K. S.; Shukla, Pratyosh; Nain, Lata	BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY	SEP-OCT 2016	2016	10.1002/bab.1415
263	Design, synthesis and cytotoxicity evaluation of novel (E)-3-(3-aryl-1-phenyl-1H-pyrazol-4-yl)-1-(pyridin-3-yl)prop-2-en-1-ones as anticancer agents	Alam, Raquib; Alam, Md. Aftab; Panda, Amulya K.; Uddin, Rahis	HETEROCYCLIC COMMUNICATIONS	AUG 2016	2016	10.1515/hc-2016-0042
264	Use Case Point Estimation Technique in Software Development	Khatri, Sunil Kumar; Malhotra, Sanjana; Johri, Prashant	2016 5TH INTERNATIONAL CONFERENCE ON RELIABILITY, INFOCOM TECHNOLOGIES AND OPTIMIZATION (TRENDS AND FUTURE DIRECTIONS) (ICRITO)	2016	2016	

265	Sybil Attack Prevention and Detection in Vehicular Ad hoc Network	Sharma, Aravendra Kumar; Saroj, Sushil Kumar; Chauhan, Sanjeev Kumar; Saini, Sachin Kumar	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
266	Can the chemotherapeutic agents perform anticancer activity through miRNA expression regulation? Proposing a new hypothesis	Chakraborty, Chiranjib; Doss, C. George Priya; Sarin, Renu; Hsu, Minna J.; Agoramoorthy, Govindasamy	PROTOPLASMA	NOV 2015	2015	10.1007/s00709-015-0776-7
267	An empirical evaluation of a three-tier conduit framework for multifaceted test case classification and selection using fuzzy-ant colony optimisation approach	Kumar, Manoj; Sharma, Arun; Kumar, Rajesh	SOFTWARE-PRACTICE & EXPERIENCE	JUL 2015	2015	10.1002/spe.2263
268	MHD OSCILLATORY COUETTE FLOW OF DUSTY FLUID IN A CHANNEL FILLED WITH A POROUS MEDIUM WITH RADIATIVE HEAT AND BUOYANCY FORCE	Prakash, O.; Makinde, O. D.	LATIN AMERICAN APPLIED RESEARCH	JUL 2015	2015	
269	Status Check: Journey of India's Energy Sustainability through Renewable Sources	Ghosh, S.; Yadav, V. K.; Mehta, C.; Mukherjee, V.; Birajdar, R.	IFAC PAPERSONLINE	2015	2015	10.1016/j.ifacol.2015.12.421
270	Modified DEEC: A Varying Power Level Based Clustering Technique for WSNs	Tiwari, Twinkle; Roy, Nihar Ranjan	2015 INTERNATIONAL CONFERENCE ON COMPUTER AND COMPUTATIONAL SCIENCES (ICCCS)	2015	2015	
271	A Leader-Based k-Local Mutual Exclusion Algorithm Using Token for MANETs	Khanna, Ashish; Singh, Awadhesh Kumar; Swaroop, Abhishek	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	SEP 2014	2014	
272	Underwater Sensor Network: Architectures, Challenges and Applications	Bhambri, Himanshi; Swaroop, Abhishek	2014 INTERNATIONAL CONFERENCE ON COMPUTING FOR SUSTAINABLE GLOBAL DEVELOPMENT (INDIACOM)	2014	2014	
273	Predicting the Impact of Deleterious Mutations in the Protein Kinase Domain of FGFR2 in the Context of Function, Structure, and Pathogenesis-a Bioinformatics Approach	Rajith, George Priya Doss C. B.; Chakraborty, Chiranjib	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY	AUG 2013	2013	10.1007/s12010-013-0315-y
274	Peptide-Conjugated Nano Delivery Systems for Therapy and Diagnosis of Cancer	Gaurav, Isha; Wang, Xuehan; Thakur, Abhimanyu; Iyaswamy, Ashok; Thakur, Sudha; Chen, Xiaoyu; Kumar, Gaurav; Li, Min; Yang, Zhijun	PHARMACEUTICS	SEP 2021	2021	10.3390/pharmaceutics13091433
275	Swastika shaped slot embedded two port dual frequency band MIMO antenna for wireless applications	Tiwari, Rakesh N.; Singh, Prabhakar; Pandey, Shivam; Anand, Ritika; Singh, Dinesh Kumar; Kanaujia, Binod Kumar	ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING	OCT 2021	2021	10.1007/s10470-021-01923-x
276	Blockchain technology: A DNN token-based approach in healthcare and COVID-19 to generate extracted data	Mallickarjuna, Basetty; Shrivastava, Gulshan; Sharma, Meenakshi	EXPERT SYSTEMS	MAR 2022	2022	10.1111/exsy.12778
277	Pyridine Moiety: Recent Advances in Cancer Treatment	Sahu, R.; Mishra, R.; Kumar, R.; Majee, Chandana; Salahuddin; Mazumder, A.; Kumar, A.	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	MAR-APR 2021	2021	10.36468/pharmaceutical-sciences.763
278	Unmanned aerial vehicles optimal airtime estimation for energy aware deployment in IoT-enabled fifth generation cellular networks	Majeed, Saqib; Sohail, Adnan; Qureshi, Kashif Naseer; Kumar, Arvind; Iqbal, Saleem; Lloret, Jaime	EURASIP JOURNAL ON WIRELESS COMMUNICATIONS AND NETWORKING	DEC 11 2020	2020	10.1186/s13638-020-01877-0
279	Essential oil-based nanostructures for inflammation and rheumatoid arthritis	Tyagi, Vishal; Singh, Vijay Kumar; Sharma, Pramod Kumar; Singh, Veena	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	DEC 2020	2020	10.1016/j.jddst.2020.101983
280	Performance enhancement of photovoltaic array configurations with blocking p-mosfets under partial shading condition	Anjum, Shahroz; Mukherjee, Vivekananda; Mehta, Gitanjali	ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS	OCT 18 2021	2021	10.1080/15567036.2020.1849455
281	Efficient two-step lactic acid production from cassava biomass using thermostable enzyme cocktail and lactic acid bacteria: insights from hydrolysis optimization and proteomics analysis	Sharma, Anamika; Pranaw, Kumar; Singh, Surender; Khare, Sunil Kumar; Chandel, Anuj Kumar; Nain, Pawan Kumar Singh; Nain, Lata	3 BIOTECH	AUG 28 2020	2020	10.1007/s13205-020-02349-4
282	Severity and risk of COVID-19 in cancer patients: An evidence-based learning	Sharma, Akanksha; Malviya, Rishabha; Kumar, Vinod; Gupta, Ramji; Awasthi, Rajendra	DERMATOLOGIC THERAPY	SEP 2020	2020	10.1111/dth.13778
283	Structural, ferroelectric and photocatalytic performance of Ba1-xCaxTiO3 ceramics	Suresh, P.; Mathiyalagan, P.; Srikanth, K. S.	FERROELECTRICS	JAN 25 2020	2020	10.1080/00150193.2019.1691385
284	Synthesis, In-Vitro and In-Silico Evaluation of Silver Nanoparticles with Root Extract of Withania somnifera for Antibacterial Activity via Binding of Penicillin-Binding Protein-4	Gaurav, Isha; Singh, Tanuja; Thakur, Abhimanyu; Kumar, Gaurav; Rathee, Parth; Kumari, Puja; Sweta, Kumari	CURRENT PHARMACEUTICAL BIOTECHNOLOGY	2020	2020	10.2174/1389201021666200702152000
285	IDS Based Network Security Architecture with TCP/IP Parameters using Machine Learning	Ponmaniraj, S.; Rashmi, R.; Anand, M. Vivek	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	

286	Assembling of thick-section HSLA steel with one seam per layer multi-pass PC-GMA welding producing superior quality	Agrawal, B. P.; Ghosh, P. K.	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	DEC 2017	2017	10.1007/s40430-017-0911-9
287	Regulatory functional territory of PLK-1 and their substrates beyond mitosis	Kumar, Shiv; Sharma, Garima; Chakraborty, Chiranjib; Sharma, Ashish Ranjan; Kim, Jaebong	ONCOTARGET	JUN 6 2017	2017	10.18632/oncotarget.16290
288	Secure Message Broadcasting in VANET over Wormhole Attack by using Cryptographic Technique	Ali, Shahjahan; Nand, Parma; Tiwari, Shailesh	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
289	A Token-Based Solution to Group Local Mutual Exclusion Problem In Mobile Ad Hoc Networks	Khanna, Ashish; Singh, Awadhesh Kumar; Swaroop, Abhishek	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	DEC 2016	2016	10.1007/s13369-016-2199-y
290	Synthesis, Antioxidant and Antidiabetic Activity of 1-[(5-Substituted phenyl)-4,5-dihydro-1H-pyrazol-3-yl]-5-phenyl-1H-tetrazole	Kaushik, N.; Kumar, N.; Kumar, A.	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	MAY-JUN 2016	2016	10.4172/pharmaceutical-sciences.1000125
291	Seamless Vertical Handoff using Invasive Weed Optimization (IWO) algorithm for heterogeneous wireless networks	Velmurugan, T.; Khara, Sibaram; Nandakumar, S.; Saravanan, B.	AIN SHAMS ENGINEERING JOURNAL	MAR 2016	2016	10.1016/j.asej.2015.11.020
292	Integrating RSA Cryptography & Audio Steganography	Gambhir, Ankit; Khara, Sibaram	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
293	Security Issues in Mobile Adhoc Network: A Survey Paper	Sharma, Vishnu; Vij, Akansha	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
294	Network Forensics: Methodical Literature Review	Shrivastava, Ciushan	PROCEEDINGS OF THE 10TH INDIACOM - 2016 3RD INTERNATIONAL CONFERENCE ON COMPUTING FOR SUSTAINABLE GLOBAL DEVELOPMENT	2016	2016	
295	Literature Review of Routing Attacks in MANET	Singh, Ram Kishore; Nand, Parma	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
296	A refined theoretical model for mode I crack near the interface of strength and plasticity mismatched materials in K dominant regime	Bhat, Sunil; Ukadgaonker, Vijay G.	INTERNATIONAL JOURNAL OF DAMAGE MECHANICS	NOV 2015	2015	10.1177/1056789515571019
297	Development and Validation of Different Ultraviolet-Spectrophotometric Methods for the Estimation of Bestifloxacin in Different Simulated Body Fluids	Singh, C. L.; Singh, A.; Kumar, S.; Kumar, M.; Sharma, P. K.; Majumdar, D. K.	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	JUL-AUG 2015	2015	10.4103/0250-474X.164784
298	Automatic Decision Making for Multi-Criteria Load Balancing in Cloud Environment using AHP	Amandeep, Mohammad, Faz; Yadav, Vandana	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
299	High performance QRS Complex Detector for Wearable ECG systems using Multi Scaled Product with Booth Multiplier and Soft Threshold algorithm	Bhavtosh; Berwal, Deepak; Kumar, Yogendera	2015 INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATION (ICSC)	2015	2015	
300	Internet of Things and its Challenges	Dixit, Mayank; Kumar, Jitendra; Kumar, Rajesh	2015 International Conference on Green Computing and Internet of Things (ICGIoT)	2015	2015	
301	Review Paper On Text And Audio Steganography Using GA	Johri, Prashant; Kumar, Arun; Amba	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
302	A Survey on Resource Allocation Techniques in Cloud Computing	Kumar, Deepesh; ShankerSingh, Ajay	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
303	Implementation of Solar based PWM Fed Two Phase Interleaved Boost Converter	Ritu; Verma, Nitin; Mishra, Shilpa; Shukla, Sandeep	2015 COMMUNICATION, CONTROL AND INTELLIGENT SYSTEMS (CCIS)	2015	2015	
304	A Comparative Study of Hierarchical Routing Protocols in Wireless Sensor Networks	Varshney, Sudeep; Kumar, Chiranjeev; Swaroop, Abhishek	2015 2ND INTERNATIONAL CONFERENCE ON COMPUTING FOR SUSTAINABLE GLOBAL DEVELOPMENT (INDIACOM)	2015	2015	
305	Force Modeling for Generic Profile of Drills	Sambhav, Kumar; Tandon, Puneet; Dhande, Sanjay G.	JOURNAL OF MANUFACTURING SCIENCE AND ENGINEERING-TRANSACTIONS OF THE ASME	AUG 2014	2014	10.1115/1.4027595
306	In silico discrimination of nsSNPs in hTERT gene by means of local DNA sequence context and regularity	Doss, C. George Priya; Chakraborty, Chiranjib; Rajith, B.; Nagasundaram, N.	JOURNAL OF MOLECULAR MODELING	SEP 2013	2013	10.1007/s00894-013-1888-7
307	Compression-coated pulsatile chronomodulated therapeutic system: QbD assisted optimization	Aldawsari, Hibah M.; Naveen, N. Raghavendra; Alhakamy, Nabil A.; Goudanavar, Prakash S.; Rao, G. S. N. Koteswara; Budha, Roja Rani; Nair, Anroop B.; Badr-Eldin, Shaimaa M.	DRUG DELIVERY	DEC 31 2022	2022	10.1080/10717544.2022.2094500

308	Mechanistic interaction studies of synthesized ZIF-8 nanoparticles with bovine serum albumin using spectroscopic and molecular docking approaches	Mittal, Ashi; Gandhi, Sona; Roy, Indrajit	SCIENTIFIC REPORTS	JUN 20 2022	2022	10.1038/s41598-022-14630-y
309	Redefining bio medical waste management during COVID-19 in india: A way forward	Saxena, Parul; Pradhan, Indira P.; Kumar, Deepak	MATERIALS TODAY-PROCEEDINGS	2022	2022	10.1016/j.matpr.2021.09.507
310	Internet of Medical Things (IoMT) and Reflective Belief Design-Based Big Data Analytics with Convolution Neural Network- Metaheuristic Optimization Procedure (CNN-MOP)	Sampathkumar, A.; Tesfayohani, Miretab; Shandilya, Shishir Kumar; Goyal, S. B.; Jamal, Sajjad Shaukat; Shukla, Piyush Kumar; Bedi, Pradeep; Albeedan, Meshal	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	MAR 18 2022	2022	10.1155/2022/2898061
311	Optimal Confidential Mechanisms in Smart City Healthcare	Gopi, R.; Muthusamy, P.; Suresh, P.; Kumar, C. G. Gabriel Santhosh; V. Pustokhina, Irina; Pustokhin, Denis A.; Shankar, K.	CMC-COMPUTERS MATERIALS & CONTINUA	2022	2022	10.32604/cmc.2022.019442
312	Co-production of gamma amino butyric acid (GABA) and lactic acid using Lactobacillus plantarum LP-9 from agro-residues	Sharma, Pushpendra; Sharma, Abha; Singh, Jyoti; Singh, Neera; Singh, Surender; Tomar, Govind Singh; Nain, Pawan Kumar Singh; Khare, Sunil Kumar; Nain, Lata	ENVIRONMENTAL TECHNOLOGY & INNOVATION	AUG 2021	2021	10.1016/j.eti.2021.101650
313	Compact circularly polarized MIMO printed antenna with novel ground structure for wideband applications	Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod Kumar; Kumar, Pradeep	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	AUG 2021	2021	10.1002/mmce.22737
314	Performance characteristics and reliability assessment of self-excited induction generator for wind power generation	Varshney, Lokesh; Vardhan, Aanchal Singh S.; Vardhan, Akanksha Singh S.; Kumar, Sachin; Saket, R. K.; Sanjeevikumar, P.	IET RENEWABLE POWER GENERATION	JUL 2021	2021	10.1049/rpg2.12116
315	Multi-Disease Classification Model Using Strassen's Half of Threshold (SHoT) Training Algorithm in Healthcare Sector	Ramasamy, Manjula Devi; Periasamy, Keerthika; Krishnasamy, Lalitha; Dhanaraj, Rajesh Kumar; Kadry, Seifedine; Nam, Yunyoung	IEEE ACCESS	2021	2021	10.1109/ACCESS.2021.3103746
316	An experimental and computational study of pyrimidine based bis-uracil derivatives as efficient candidates for optical, nonlinear optical, and drug discovery applications	Mohan, Bharti; Choudhary, Mukesh; Kumar, Gaurav; Muhammad, Shabbir; Das, Neeladri; Singh, Khushwant; Al-Sehemi, Abdullah G.; Kumar, Santosh	SYNTHETIC COMMUNICATIONS	JUL 17 2020	2020	10.1080/00397911.2020.1771369
317	Study of deformation due to thermal shock in porous thermoelastic material with reference temperature dependent properties	Shekhar, Sushant	MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES	SEP 2 2022	2022	10.1080/15397734.2020.1792314
318	Controller design for MTDC grid to enhance power sharing and stability	Yadav, Omkar; Prasad, Sheeta; Kishor, Nand; Negi, Richa; Purwar, Shubhi	IET GENERATION TRANSMISSION & DISTRIBUTION	JUN 19 2020	2020	10.1049/iet-gtd.2019.0880
319	Effect of packing factor on electrical and overall energy generation through low concentrated photovoltaic thermal collector in composite climate condition	Tripathi, Rohit; Bhatti, T. S.; Tiwari, G. N.	MATERIALS TODAY-PROCEEDINGS	2020	2020	10.1016/j.matpr.2020.05.005
320	An optimized hierarchical encryption technique for tamper recognition	Chakravarthy, Sudharshan; Jagannathan, Madhav Anand; Ranjani, J. Jennifer; Baluswamy, Balamurugan; Kadry, Seifedine	MULTIMEDIA TOOLS AND APPLICATIONS	JUL 2019	2019	10.1007/s11042-019-7265-5
321	ANT_FDCCSM: A novel fuzzy rule miner derived from ant colony meta-heuristic for diagnosis of diabetic patients	Anuradha; Singh, Akansha; Gupta, Gaurav	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2019	2019	10.3233/JIFS-172240
322	Sentiment Analysis and Feature Extraction Using Rule-Based Model (RBM)	Dwivedi, Raghavendra Kumar; Aggarwal, Mukul; Keshari, Surendra Kr; Kumar, Ashwini	INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND COMMUNICATIONS, VOL 2	2019	2019	10.1007/978-981-13-2354-6_7
323	Analysis of Finger Vein Feature Extraction and Recognition using DA and KNN Methods	Khanam, Ruqaiya; Khan, Ramsha; Ranjan, Rajeev	PROCEEDINGS 2019 AMITY INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE (AICAI)	2019	2019	
324	IoT based Smart Home Surveillance and Automation	Kumar, Sandeep; Swetha, Sekuri; Kiran, V. Taj; Johri, Prashant	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
325	The Smart Programmable CRISPR Technology: A Next Generation Genome Editing Tool for Investigators	Chakraborty, Chiranjib; Teoh, Seong Lin; Das, Srijit	CURRENT DRUG TARGETS	2017	2017	10.2174/1389450117666160527142321
326	An extensive review and possible attack on the privacy preserving ranked multi-keyword search for multiple data owners in cloud computing	Deepa, N.; Vijayakumar, P.; Rawal, Bharat S.; Balamurugan, B.	2017 IEEE INTERNATIONAL CONFERENCE ON SMART CLOUD (SMARTCLOUD)	2017	2017	10.1109/SmartCloud.2017.30
327	Evaluation of Indian Power Sector Reform Strategies and Improvement Direction through DEA	Ghosh, Santosh; Yadav, Vinod Kumar; Mehta, Gitanjali; Birajdar, Ravindra	2017 IEEE POWER & ENERGY SOCIETY GENERAL MEETING	2017	2017	
328	Comparative Study of AODV and DSR Routing Protocols in Wireless Sensor Network Using NS-2 Simulator	Kashyap, Vikash Kumar; Astya, Rani; Astya, Parma Nand; Pandey, Gaurav	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	

329	Greenfield distribution network expansion strategy with hierarchical GA and MCDEA under uncertainty	Verma, Mandhir Kumar; Mukherjee, V.; Yadav, Vinod Kumar	INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS	JUL 2016	2016	10.1016/j.ijepes.2016.01.004
330	Information Retrieval in Big Data Using Evolutionary Computation: A Survey	Irfan, Shadab; Babu, B. V.	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
331	Testing in the Cloud: New Challenges	Kaur, Manveen	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
332	SURVEY ON SECURITY ISSUES IN MANET Wormhole Detection and Prevention	Sharma, Pawan Kumar; Sharma, Vishnu	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
333	Technique to Improve the File Transfer Outcomes Between Road Side Unit and Vehicles in Vehicular Ad-Hoc Networks	Gupta, Shashank Kumar; Khara, Sibaram	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
334	A Heuristic Approach for Search Engine Selection in Meta-search Engine	Kumar, Rajesh; Singh, Sunil Kumar; Kumar, Virendra	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
335	Fuzzy entropy-based framework for multi-faceted test case classification and selection: an empirical study	Kumar, Manoj; Sharma, Arun; Kumar, Rajesh	IET SOFTWARE	JUN 2014	2014	10.1049/iet-sen.2012.0198
336	Cross Diffusion Convection in a Newtonian Fluid-Saturated Rotating Porous Medium	Bhadauria, B. S.; Hashim, I.; Kumar, Jogendra; Srivastava, Alok	TRANSPORT IN POROUS MEDIA	JUL 2013	2013	10.1007/s11242-013-0166-6
337	Performance analysis of metallic concentric tube recuperator in parallel flow arrangement	Sharma, Harshdeep; Kumar, Anoop; Varun	INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER	DEC 2012	2012	10.1016/j.ijheatmasstransfer.2012.07.084
338	Emerging Prospects of Nanozymes for Antibacterial and Anticancer Applications	Chakraborty, Nayanika; Gandhi, Sonu; Verma, Rajni; Roy, Indrajit	BIOMEDICINES	JUN 2022	2022	10.3390/biomedicines10061378
339	Coagulation and inflammation in cancer: Limitations and prospects for treatment	Singh, Arun Kumar; Malviya, Rishabha	BIOCHIMICA ET BIOPHYSICA ACTA-REVIEWS ON CANCER	MAY 2022	2022	10.1016/j.bbcan.2022.188727
340	12/15-Lipoxygenase debilitates mitochondrial health in intermittent hypobaric hypoxia induced neuronal damage: An in vivo study	Choudhary, Richa; Kumar, Mukesh; Katal, Anju	REDOX BIOLOGY	FEB 2022	2022	10.1016/j.redox.2021.102228
341	Solar tracker transcript-A review	Kumar, Kanhaiya; Varshney, Lokesh; Ambikapathy, Aladiyan; Saket, Ram Khelawan; Mekhilef, Saad	INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS	DEC 2021	2021	10.1002/2050-7038.13250
342	A novel equilibrium optimizer based on levy flight and iterative cosine operator for engineering optimization problems	Minocha, Sachin; Singh, Birmohan	EXPERT SYSTEMS	FEB 2022	2022	10.1111/exsy.12843
343	Synthesis, characterization, DFT calculation, antifungal, antioxidant, CT-DNA/BR322 DNA interaction and molecular docking studies of heterocyclic analogs	Mehandi, Rabiya; Arif, Rizwan; Rana, Manish; Ahmed, Saïema; Sultana, Razia; Khan, Md Shahzad; Maseet, Mohsin; Khanuja, Manika; Manzoor, Nikhat; Rahisuddin; Nishat, Nahid	JOURNAL OF MOLECULAR STRUCTURE	DEC 5 2021	2021	10.1016/j.molstruc.2021.131248
344	Fuzzy Supervisory Passivity-Based High Order-Sliding Mode Control Approach for Tidal Turbine-Based Permanent Magnet Synchronous Generator Conversion System	Belkhier, Youcef; Achour, Abdelyazid; Shaw, Rabindra Nath; Ullah, Nasim; Chowdhury, Md. Shaharar; Techato, Kuanan	ACTUATORS	MAY 2021	2021	10.3390/act10050092
345	A novel efficient algorithm for duplicate video comparison in surveillance video storage systems	Balamurugan, N. M.; Babu, T. K. S. Rathish; Adimoolam, M.; John, A.	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING		2021	10.1007/s12652-021-03119-7
346	An approach to forecast impact of Covid-19 using supervised machine learning model	Mohan, Senthilkumar; John, A.; Abugabah, Ahed; Adimoolam, M.; Kumar Singh, Shubham; Kashif Bashir, Ali; Sanzogni, Louis	SOFTWARE-PRACTICE & EXPERIENCE	APR 2022	2022	10.1002/spe.2969
347	Geometric/microstructural imperfection sensitivity in the vibration characteristics of geometrically non-uniform functionally graded plates with mixed boundary conditions	Gupta, Ankit; Krishna, Vijay; Boddu, Venkat; Vemulapalli, Pavan; Unnava, Narendra; Agrawal, Brahma Nand	MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES		2021	10.1080/15397734.2021.1886947
348	Current approaches and prospective drug targeting to brain	Khatoun, Rizwana; Alam, Md Aftab; Sharma, Pramod Kumar	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	FEB 2021	2021	10.1016/j.jddst.2020.102098
349	Latent fingerprint development by using silver nanoparticles and silver nitrate-A comparative study	Prasad, Vandana; Prasad, Lalit; Lukose, Sally; Agarwal, Prashant	JOURNAL OF FORENSIC SCIENCES	MAY 2021	2021	10.1111/1556-4029.14664
350	Knowledge, attitude and practices towards visceral leishmaniasis among HIV patients: A cross-sectional study from Bihar, India	Devipriya, J. S.; Gupta, Ashok Kumar; Veeri, Rajendra Babu; Garapati, Pavan; Kumar, Rishikesh; Dhingra, Sameer; Murti, Krishna; Ravichandiran, V.; Pandey, Krishna	PLOS ONE	2021	2021	10.1371/journal.pone.0256239

351	Hybrid and dynamic clustering based data aggregation and routing for wireless sensor networks	Dhanaraj, Rajesh Kumar; Lalitha, K.; Anitha, S.; Khaitan, Supriya; Gupta, Punit; Goyal, Mayank Kumar	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2021	2021	10.3233/IJFS-201756
352	Rotor-dynamic performance of porous hydrostatic thrust bearing operating under magnetic field	Kumar, Vivek; Shah, Vatsalkumar Ashokkumar; Singh, Simran Jeet; Narwat, Kuldeep; Sharma, Satish C.	INDUSTRIAL LUBRICATION AND TRIBOLOGY	MAR 4 2021	2021	10.1108/ILT-07-2020-0289
353	A clinical decision support system for micro panoramic melanoma detection and grading using soft computing technique	Reshma, M.; Shan, B. Priestly	MEASUREMENT	OCT 15 2020	2020	10.1016/j.measurement.2020.108024
354	Genetic algorithm-based tabu search for optimal energy-aware allocation of data center resources	Chandran, Ramesh; Rakesh Kumar, S.; Gayathri, N.	SOFT COMPUTING	NOV 2020	2020	10.1007/s00500-020-05240-9
355	Echo state learned compositional pattern neural networks for the early diagnosis of cancer on the internet of medical things platform	Kirubakaran, J.; Venkatesan, G. K. D. Prasanna; Sampath Kumar, K.; Kumaresan, M.; Annamalai, S.	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	MAR 2021	2021	10.1007/s12652-020-02218-1
356	Skyline Query Optimization for Preferable Product Selection and Recommendation System	Soundararajan, Rajasoundaran; Kumar, S. Rakesh; Gayathri, N.; Al-Turjman, Fadi	WIRELESS PERSONAL COMMUNICATIONS	APR 2021	2021	10.1007/s11277-020-07592-9
357	MUTUAL AUTHENTICATION AND AUTHORIZED DATA ACCESS BETWEEN FOG AND USER BASED ON BLOCKCHAIN TECHNOLOGY	Arun, M.; Balamurali, S.; Rawal, Bharat S.; Duan, Qiang; Kumar, R. Lakshmana; Balamurugan, Balusamy	IEEE INFOCOM 2020 - IEEE CONFERENCE ON COMPUTER COMMUNICATIONS WORKSHOPS (INFOCOM WKSHPS)	2020	2020	
358	A Comparative Study on Various Binary Classification Algorithms and their Improved Variant for Optimal Performance	Bahel, Vedant; Pillai, Sofia; Malhotra, Manit	2020 IEEE REGION 10 SYMPOSIUM (TENSYP) - TECHNOLOGY FOR IMPACTFUL SUSTAINABLE DEVELOPMENT	2020	2020	
359	Influence of micro-groove attributes on frictional power loss and load-carrying capacity of hybrid thrust bearing	Kumar, Vivek; Sharma, Satish C.; Narwat, Kuldeep	INDUSTRIAL LUBRICATION AND TRIBOLOGY	2020	2020	10.1108/ILT-07-2019-0278
360	UNSTEADY MHD FLOW OF RADIATING CASSON FLUID THROUGH A PERMEABLE CHANNEL WITH SLIP, BUOYANCY FORCE AND HEAT SOURCE	Prakash, Om; Makinde, O. D.; Monaledi, R. L.	LATIN AMERICAN APPLIED RESEARCH	2020	2020	
361	Detection of changes in Landsat Images using Hybrid PSO-FCM	Singh, Mohan; Tyagi, Kapil Dev; Singh, Akansha; Singh, Krishna Kant	INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND DATA SCIENCE	2020	2020	10.1016/j.procs.2020.03.251
362	Reliability analysis of simply supported beam using GRNN, ELM and GPR	Jagan, J.; Samui, Pijush; Kim, Dookie	STRUCTURAL ENGINEERING AND MECHANICS	SEP 25 2019	2019	10.12989/sem.2019.71.6.739
363	A half cut design of low profile UWB planar antenna for DCS/PCS/WLAN applications	Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod K.	INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING	SEP 2019	2019	10.1002/mmce.21817
364	Synthesis, Antimalarial Evaluation and SAR Study of Some 1,3,5-Trisubstituted Pyrazoline Derivatives	Aggarwal, Shilpy; Paliwa, Deepika; Kaushik, Dhirender; Gupta, Girish Kumar; Kumar, Ajay	LETTERS IN ORGANIC CHEMISTRY	2019	2019	10.2174/1570178616666190212145754
365	Modeling and Analysis of Antimalware Effect on Wireless Sensor Network	Srivastava, Pramod Kumar; Pandey, Satya Prakash; Gupta, Nishu; Singh, Santar Pal; Ojha, Rudra Pratap	2019 IEEE 4TH INTERNATIONAL CONFERENCE ON COMPUTER AND COMMUNICATION SYSTEMS (ICCCS 2019)	2019	2019	
366	Research trends in Architecture, Security, Services and Applications of Internet of Vehicles (IOV)	Bhardwaj, Indu; Khara, Sibaram	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
367	Hygrothermal analysis of laminated composites using C-0 FE model based on higher order zigzag theory	Singh, S. K.; Chakrabarti, A.	STEEL AND COMPOSITE STRUCTURES	JAN 20 2017	2017	10.12989/scs.2017.23.1.041
368	Synchronized Fast SPE and UFLC Methods for the Analyses of Eight Antidiabetic Drugs in Human Plasma	Ali, Imran; Dutta, Kamlesh K.; Jain, Arvind K.; Alothman, Zeid A.; Alwarthan, Abdulrahman	COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING	2017	2017	10.2174/1386207319666161220123655
369	Effect of fiber content on tensile retention properties of Cellulose Microfiber Reinforced Polymer Composites for Automobile Application	Aseer, J. R.; Sankaranarayananasamy, K.	4TH INTERNATIONAL CONFERENCE ON MECHANICAL, MATERIALS AND MANUFACTURING (ICMM 2017)	2017	2017	10.1088/1757-899X/272/1/012020
370	Assessing the impact of demographic variables on mentoring-managerial effectiveness relationship An empirical study of Indian bank managers	Madan, Poornima; Srivastava, Shalini	GENDER IN MANAGEMENT	2017	2017	10.1108/GM-03-2016-0036
371	To Enhance the Reliability and Energy Efficiency of WSN using New Clustering Approach	Singh, Vivek Kumar; Kumar, Rajesh; Sahana, Subrata	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
372	Internet of Things and Social Networks: A survey	Tyagi, Vishu; Kumar, Ashwini	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	

373	REVIEW OF PERFORMANCE ANALYSIS OF DIFFERENT ROUTING PROTOCOLS IN MANETS	Chauhan, Akansha; Sharma, Vishnu	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
374	Performance Comparison of various Routing Protocols in WSN and WBAN	Kumari, Rani; Nand, Parma	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
375	Privacy Preserving Data Mining-A State of the Art	Narwaria, Mamta; Arya, Suchita	PROCEEDINGS OF THE 10TH INDIACOM - 2016 3RD INTERNATIONAL CONFERENCE ON COMPUTING FOR SUSTAINABLE GLOBAL DEVELOPMENT	2016	2016	
376	Insight Of Big Data Analytics In Healthcare Industry	Sabharwal, Satwik; Gupta, Samridhi; Thirunavukkarasu, K.	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
377	Energy Efficient Shortest Path Routing Protocol in Underwater Sensor Networks	Sahana, Subrata; Singh, Karan; Das, Sanjoy; Kumar, Rajesh	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
378	Security and attack analysis for Vehicular Ad hoc Network- A Survey	Shukla, Dilendra; Das, Sanjoy; AkashVaibhav; Johri, Prashant	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
379	A survey on techniques to achieve energy efficiency in cloud computing	Singh, Sobinder; Kumar, Ajay; Swaroop, Abhishek; Anamika	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
380	DNA pattern recognition using canonical correlation algorithm	Sarkar, B. K.; Chakraborty, Chiranjib	JOURNAL OF BIOSCIENCES	OCT 2015	2015	10.1007/s12038-015-9555-z
381	HIV drug nucleoside reverse transcriptase inhibitors as promising anti-inflammation therapeutics by targeting P2X7-dependent large pore formation: one stone for two birds?	Chakraborty, Chiranjib	FRONTIERS IN PHARMACOLOGY	FEB 25 2015	2015	10.3389/fphar.2015.00038
382	FPGA based Design of Low Power Reconfigurable Router for Network on Chip (NoC)	Bhanwala, Amit; Kumar, Mayank; Kumar, Yogendera	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
383	Design a low latency Arbiter for on chip Communication Architecture	Khanam, Ruqaiya; Sharma, Himanshu; Gaur, Srishiti	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
384	Solving Security Issues in Mobile Computing using Cryptography Techniques-A Survey	Mathur, Raghav; Agarwal, Shruti; Sharma, Vishnu	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
385	An Optical Character Recognition of Machine Printed Oriya Script	Raj, Aditya	2015 THIRD INTERNATIONAL CONFERENCE ON IMAGE INFORMATION PROCESSING (ICIIP)	2015	2015	
386	Security Issues of Black Hole Attacks in MANET	Ranjan, Rakesh; Singh, Nimemesh Kumar; Singh, Ajay	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
387	Secure and optimized data storage for IoT through cloud framework	Srivastava, Pallavi; Garg, Navish	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
388	Contention Based Energy Efficient Wireless Sensor Network - A survey	Vikas; Nand, Parma	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
389	Computational Biophysical, Biochemical, and Evolutionary Signature of Human R-Spondin Family Proteins, the Member of Canonical Wnt/beta-Catenin Signaling Pathway	Sharma, Ashish Ranjan; Chakraborty, Chiranjib; Lee, Sang-Soo; Sharma, Garima; Yoon, Jeong Kyo; Doss, C. George Priya; Song, Dong-Keun; Nam, Ju-Suk	BIOMED RESEARCH INTERNATIONAL	2014	2014	10.1155/2014/974316
390	Interaction of Secure Cloud Network and Crowd Computing for Smart City Data Obfuscation	Thirumalaisamy, Manikandan; Basheer, Shajahan; Selvarajan, Shitharth; Althubiti, Sara A.; Alenezi, Fayadh; Srivastava, Gautam; Lin, Jerry Chun-Wei	SENSORS	OCT 2022	2022	10.3390/s22197169
391	A Review on Machine Learning Strategies for Real-World Engineering Applications	Jhaveri, Rutvij H.; Revathi, A.; Ramana, Kadiyala; Raut, Roshani; Dhanaraj, Rajesh Kumar	MOBILE INFORMATION SYSTEMS	AUG 28 2022	2022	10.1155/2022/1833507
392	Comparative studies on coating materials of urotropine modified furfurylated-tCNLS and methylolated-tCNLS thermoset for anticorrosive application: Switching towards a cleaner approach	Masood, Shumaila; Ghosal, Anujit; Gupta, Anjali; Zafar, Fahmina; Kumari, Reena; Alam, Manawwer; Nishat, Nahid	JOURNAL OF CLEANER PRODUCTION	APR 15 2022	2022	10.1016/j.jclepro.2022.130933
393	A Melatonin Treatment Delays Postharvest Senescence, Maintains Quality, Reduces Chilling Injury, and Regulates Antioxidant Metabolism in Mango Fruit	Bhardwaj, Renu; Pareek, Sunil; Mani, Saravanan; Dominguez-Avila, J. Abraham; Gonzalez-Aguilar, Gustavo A.	JOURNAL OF FOOD QUALITY	JAN 31 2022	2022	10.1155/2022/2379556

394	Type II Fuzzy Logic Based Cluster Head Selection for Wireless Sensor Network	Justus, J. Jean; Thirunavukkarasan, M.; Dhayalini, K.; Visalaxi, G.; Khelifi, Adel; Elhoseny, Mohamed	CMC-COMPUTERS MATERIALS & CONTINUA	2022	2022	10.32604/cmc.2022.019122
395	Lampert Certificateless Signcryption Deep Neural Networks for Data Aggregation Security in WSN	Saravanakumar, P.; Sundararajan, T. V. P.; Dhanaraj, Rajesh Kumar; Nisar, Kashif; Memon, Fida Hussain; Ibrahim, Ag Asn Bin Ag	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2022	2022	10.32604/iasc.2022.018953
396	A hybrid learning approach for the stage-wise classification and prediction of COVID-19 X-ray images	Adimoolam, M.; Govindharaju, Karthi; John, A.; Mohan, Senthilkumar; Ahmadian, Ali; Ciano, Tiziana	EXPERT SYSTEMS	MAY 2022	2022	10.1111/exsy.12884
397	An Efficient Void Aware Framework for Enabling Internet of Underwater Things	Khasawneh, Ahmad M.; Altalhi, Maryam; Kumar, Arvind; Aggarwal, Geetika; Kaiwartya, Omprakash; Khalifeh, Ala'; Al-Khasawneh, Mahmoud Ahmad; Alarood, Ala Abdulsalam	JOURNAL OF MARINE SCIENCE AND ENGINEERING	NOV 2021	2021	10.3390/jmse9111219
398	Designing a trivial information relaying scheme for assuring safety in mobile cloud computing environment	Thillaiarasu, N.; Pandian, S. Chenthur; Vijayakumar, V.; Prabakaran, S.; Ravi, Logesh; Subramaniaswamy, V	WIRELESS NETWORKS	NOV 2021	2021	10.1007/s11276-019-02113-4
399	A smart intuitionistic fuzzy-based framework for round-robin short-term scheduler	Raheja, Supriya; Alshehri, Mohammed; Mohamed, Ahmed A.; Khaitan, Supriya; Kumar, Manoj; Thompson, Stephen	JOURNAL OF SUPERCOMPUTING	MAR 2022	2022	10.1007/s11227-021-04052-4
400	Improved K-Means Based Q Learning Algorithm for Optimal Clustering and Node Balancing in WSN	Sathyamoorthy, Malathy; Kuppasamy, Sangeetha; Dhanaraj, Rajesh Kumar; Ravi, Vinayakumar	WIRELESS PERSONAL COMMUNICATIONS	FEB 2022	2022	10.1007/s11277-021-09028-4
401	COVID-19-associated mucormycosis and treatments	Subramaniam, Vetriselvan; Fuloria, Shivkanya; Darnal, Hari Kumar; Meenakshi, Dhanalekshmi Unnikrishnan; Sekar, Mahendran; Bin Nordin, Rusli; Chakravarthi, Srikumar; Sathasivam, Kathiresan V.; Khan, Shah Alam; Wu, Yuan Seng; Kumari, Usha; Sudhakar, Kalvatala; Malviya, Rishabha; Sharma, Vipin Kumar; Fuloria, Neeraj Kumar	ASIAN PACIFIC JOURNAL OF TROPICAL MEDICINE	SEP 2021	2021	10.4103/1995-7645.326253
402	Graphene-based nanomaterial system: a boon in the era of smart nanocarriers	Jha, Roopali; Singh, Amit; Sharma, Pramod Kumar; Porwal, Omji; Fuloria, Neeraj Kumar	JOURNAL OF PHARMACEUTICAL INVESTIGATION	MAY 2021	2021	10.1007/s40005-021-00513-3
403	Cloud service negotiation framework for real-time E-commerce application using game theory decision system	Rajavel, Rajkumar; Ravichandran, Sathish Kumar; Nagappan, Partheeban; Gobichettipalayam, Kanagachidambaresan Ramasubramanian	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2021	2021	10.3233/JIFS-189882
404	Understanding Nanotechnology in the Treatment of Oral Cancer: A Comprehensive Review	Taneja, Neeraj; Alam, Aftab; Patnaik, Ranjana S.; Taneja, Tannu; Gupta, Sonia; Sunil, M. K.	CRITICAL REVIEWS IN THERAPEUTIC DRUG CARRIER SYSTEMS	2021	2021	
405	Optimization of distributed generation size based on line sensitivity using transmission congestion cost	Sharma, Vatsala; Walde, Pratima; Saket, R. K.; Mekhilef, Saad	INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS	OCT 2021	2021	10.1002/2050-7038.12695
406	Improved Road Segment-Based Geographical Routing Protocol for Vehicular Ad-hoc Networks	Qureshi, Kashif Naseer; Ul Islam, Farooq; Kaiwartya, Omprakash; Kumar, Arvind; Lloret, Jaime	ELECTRONICS	AUG 2020	2020	10.3390/electronics9081248
407	Delay sensitive aware distributed data fault recognition algorithm for distributed sensor networks	Kirubakaran, J.; Prasanna Venkatesan, G. K. D.; Kumar, K. Sampath; Dhanabal, S.; Baskar, K.	PEER-TO-PEER NETWORKING AND APPLICATIONS	JUL 2020	2020	10.1007/s12083-019-00804-5
408	A secure data transmission protocol for cloud-assisted edge-Internet of Things environment	Kumar, Manoj; Verma, Harsh Kumar; Sikka, Geeta	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	JUN 2020	2020	10.1002/ett.3883
409	Transformer anomaly detection based on time-frequency domain software-hardware cooperative analysis	Liu, Tianyang; Zhu, Yongxin; Wang, Hui; Balamurugan, Balusamy; Vijayakumar; Pandi; Peng, Jingtong	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	MAR 2022	2022	10.1002/ett.3865
410	Boltzmann Randomized Clustering Algorithm for Providing Quality of Evolution in Wireless Multimedia Sensor Networks	Sathyaprakash, Palaniappan; Prakasam, P.	WIRELESS PERSONAL COMMUNICATIONS	JUN 2020	2020	10.1007/s11277-020-07152-1
411	DeepNet: An Efficient Neural Network for Fake News Detection using News-User Engagements	Kaliyar, Rohit Kumar; Kumar, Pawan; Kumar, Manish; Narkhede, Meenal; Namboodiri, Sreyas; Mishra, Sneha	PROCEEDINGS OF THE 2020 5TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND SECURITY (ICCCS-2020)	2020	2020	
412	A vedic mathematics based processor core for discrete wavelet transform using FinFET and CNTFET technology for biomedical signal processing	Senthilkumar, V. M.; Ravindrakumar, S.; Nithya, D.; Kousik, N. V.	MICROPROCESSORS AND MICROSYSTEMS	NOV 2019	2019	10.1016/j.micpro.2019.102875
413	Numerical analysis of circularly polarized modes in coreless photonic crystal fiber	Ramana, T. V.; Pandian, A.; Ellammal, C.; Jarin, T.; Rashed, Ahmed Nabih Zaki; Sampathkumar, A.	RESULTS IN PHYSICS	JUN 2019	2019	10.1016/j.rinp.2019.02.076
414	A Fuzzy Based Hybrid Firefly Optimization Technique for Load Balancing in Cloud Datacenters	Shri, M. Lawanya; Devi, E. Ganga; Balusamy, Balamurugan; Kadry, Seifedine; Misra, Sanjay; Odusami, Modupe	INNOVATIONS IN BIO-INSPIRED COMPUTING AND APPLICATIONS	2019	2019	10.1007/978-3-030-16681-6_46

415	SMA, GTA and P-GMA dissimilar weld joints of 304LN stainless steel to HSLA steel; Part-1: thermal and microstructure characteristics	Anant, Ramkishor; Dahiya, Jag Parvesh; Agrawal, B. P.; Ghosh, P. K.; Kumar, Ravindra; Kumar, Sudhir; Kumar, Kaushal	MATERIALS RESEARCH EXPRESS	SEP 2018	2018	10.1088/2053-1591/aad403
416	SMA, GTA and P-GMA dissimilar weld joints of 304LN stainless steel to HSLA steel; Part-2: hot corrosion kinetics	Anant, Ramkishor; Dahiya, Jag Parvesh; Agrawal, B. P.; Ghosh, P. K.; Kumar, Ravindra; Kumar, Sudhir; Kumar, Kaushal	MATERIALS RESEARCH EXPRESS	SEP 2018	2018	10.1088/2053-1591/aad3fd
417	Investigation on sub nano-crystalline silicon thin films grown using pulsed PECVD process	Sharma, Mansi; Chaudhary, Deepika; Sudhakar, S.; Jadkar, Sandesh; Kumar, Sushil	MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING	JUN 15 2018	2018	10.1016/j.mssp.2018.02.016
418	Comparative Analysis between Proprietary Software VS. Open-Source Software VS. Free Software	Anand, Abhineet; Krishna, Anand; Tiwari, Rajeev; Sharma, Robin	2018 FIFTH INTERNATIONAL CONFERENCE ON PARALLEL, DISTRIBUTED AND GRID COMPUTING (IEEE PDGC)	2018	2018	
419	Multi-objective optimization of end milling process parameter for stir casted alumina reinforced aluminium metal matrix composite using RSM	Elsen, S. Renold; Dhamodaran, K.; Aseev, J. Ronald	2ND INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING (ICAME 2018)	2018	2018	10.1088/1757-899X/402/1/012193
420	Hybrid video surveillance systems using P300 based computational cognitive threat signature library	Jotheeswaran, Jeevanandam; Singh, Anurag; Sushama; Pippal, Sanjeev	POSTPROCEEDINGS OF THE 9TH ANNUAL INTERNATIONAL CONFERENCE ON BIOLOGICALLY INSPIRED COGNITIVE ARCHITECTURES (BICA 2018)	2018	2018	10.1016/j.procs.2018.11.115
421	A Review: Eye Tracking Interface with Embedded System & IOT	Shinde, Shalini; Kumar, Sandeep; Johri, Prashant	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
422	Efficient copper-catalyzed Sonogashira coupling reactions and simulation studies	Ali, Imran; Nighot, Dnyaneshwar; Lone, Mohammad Nadeem; Jain, Arvind	SYNTHETIC COMMUNICATIONS	2017	2017	10.1080/00397911.2017.1319488
423	The Molecular Concept of Atheromatous Plaques	Thent, Zar Chi; Chakraborty, Chiranjib; Mahakkanukrauh, Pasuk; Mahmood, Nik Ritza Kosai Nik; Rajan, Reynu; Das, Srijit	CURRENT DRUG TARGETS	2017	2017	10.2174/1389450117666160502151600
424	A Review and Proposal of an Innovative Approach for Medical Image Segmentation	Vijayalakshmi, S.; Dahiya, Savita	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
425	Glycoside hydrolase production by Aspergillus terreus CM20 using mixture design approach for enhanced enzymatic saccharification of alkali pretreated paddy straw	Saritha, M.; Tiwari, Rameshwar; Singh, Surender; Nain, Pawan K. S.; Rana, Sarika; Adak, Anurup; Arora, Anju; Nain, Lata	INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY	AUG 2016	2016	
426	Sensitivity of Relative Gain Array for Processes with Uncertain Gains and Residence Times	Jain, Amit; Babu, B. V.	IFAC PAPERSONLINE	2016	2016	10.1016/j.ifacol.2016.03.101
427	Survey on Steganography Methods (Text, Image, Audio, Video, Protocol and Network Steganography)	PrashantJohri; Mishra, Amba; Das, Sanjoy; Kumar, Arun	PROCEEDINGS OF THE 10TH INDIACOM - 2016 3RD INTERNATIONAL CONFERENCE ON COMPUTING FOR SUSTAINABLE GLOBAL DEVELOPMENT	2016	2016	
428	A Survey of Particle Swarm Optimization and Random Forest based Land Cover Classification	Shahana, K.; Ghosh, Subhajit; Jeganathan, C.	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
429	Strategies for Web Application Development Methodologies	Sharma, Ravi; Kumar, Shipra Ravi; Gupta, Keshav	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
430	Profiling of Phosphatidylinositol 3-Kinase (PI3K) Proteins in Insulin Signaling Pathway	Chakraborty, Chiranjib; Doss, C. George Priya; Bhatia, Rahul; Agoramoorthy, Govindasamy	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY	APR 2015	2015	10.1007/s12010-015-1515-4
431	Drug Metabolizing Enzymes in Type II Diabetes and their Pharmacogenetics During Therapy of Anti-Diabetes Drugs	Chakraborty, Chiranjib; Hsu, Minna J.; Agoramoorthy, Govindasamy	CURRENT DRUG METABOLISM	2015	2015	10.2174/138920021610151210183821
432	Effect of traffic density patterns on the performance of routing protocols for VANETS	Das, Sanjoy; Das, Indrani; Purkayastha, Bipul Shyam; Raw, Ram Shringar; Sahana, Subrata	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
433	A Decision Support System Approach for Accreditation & Quality Assurance Council at Higher Education Institutions in Yemen	Saeed, Fatek; Dixit, Anurag	2015 IEEE 3RD INTERNATIONAL CONFERENCE ON MOOCS, INNOVATION AND TECHNOLOGY IN EDUCATION (MITE)	2015	2015	
434	Scheduling in Multiprocessor Systems using Parallel PSO	Singh, Sunil Kr; Kumar, Rajesh	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
435	India's coastal zone management with an emphasis on rapidly developing Gujarat State	Agoramoorthy, Govindasamy; Patel, Pratiksha; Basu, Saikat Kumar; Chakraborty, Chiranjib; Hsu, Minna J.	JOURNAL OF COASTAL CONSERVATION	DEC 2014	2014	10.1007/s11852-014-0344-x

436	Network Analysis of Transcription Factors for Nuclear Reprogramming into Induced Pluripotent Stem Cell Using Bioinformatics	Chakraborty, Chiranjib; Roy, Sanjiban S.; Hsu, Minna J.; Agoramoorthy, Govindasamy	CELL JOURNAL	WIN 2014	2014	
437	Bianchi type V bulk viscous cosmological models with particle creation in general relativity	Zeyauddin, Mohd; Saha, Bijan	EUROPEAN PHYSICAL JOURNAL PLUS	AUG 22 2014	2014	10.1140/epjpl/2014-14177-0
438	The Evaluation of the Efficacy of an Ongoing Reform Initiative of an Indian Electric Utility	Yadav, V. K.; Padhy, N. P.; Gupta, H. O.	ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY	JUL 3 2014	2014	10.1080/15567249.2010.493918
439	Poly-Electrolyte Complex: A Novel System for Biomedical Applications and Recent Patents	Deeksha; Malviya, Rishabha; Sharma, Pramod Kr	RECENT PATENTS ON NANOTECHNOLOGY	2014	2014	
440	Does Computational Biology Help us to Understand the Molecular Phylogenetics and Evolution of Cluster of Differentiation (CD) Proteins?	Chakraborty, Chiranjib; Doss, C. George Priya; Sharma, Ritu; Sahana, Subrata; Nair, Thumpi S.	PROTEIN JOURNAL	FEB 2013	2013	10.1007/s10930-013-9466-5
441	IoT-Based Humanoid Software for Identification and Diagnosis of Covid-19 Suspects	Karmore, Swapnil; Bodhe, Rushikesh; Al-Turjman, Fadi; Kumar, R. Lakshmana; Pillai, Sofia K.	IEEE SENSORS JOURNAL	SEP 15 2022	2022	10.1109/JSEN.2020.3030905
442	CMT-SCTP and MPTCP Multipath Transport Protocols: A Comprehensive Review	Tomar, Parul; Kumar, Gyanendra; Verma, Lal Pratap; Sharma, Varun Kumar; Kanellopoulos, Dimitris; Rawat, Sur Singh; Alotaibi, Youseef	ELECTRONICS	AUG 2022	2022	10.3390/electronics11152384
443	The Race to Replace PDE5: Recent Advances and Interventions to Treat or Manage Erectile Dysfunction: Evidence from Patent Landscape (2016-2021)	Islam, Mohammed Monirul; Naveen, Nimbagal Raghavendra; Anitha, Posina; Goudanavar, Prakash S.; Rao, G. S. N. Koteswara; Fattepur, Santosh; Rahman, Muhammad Muhtir; Shiroorkar, Predeepkumar Narayanappa; Habeebuddin, Mohammed; Meravanige, Girish; Telsang, Mallikarjun; Nagaraja, Sreeharsha, Asdaq, Syed Mohammed Basheeruddin; Anwer, M. D. Khalid	JOURNAL OF CLINICAL MEDICINE	JUN 2022	2022	10.3390/jcm11113140
444	A highly secured intrusion detection system for IoT using EXPSO-STFA feature selection for LAANN to detect attacks	Jeyaselvi, M.; Dhanaraj, Rajesh Kumar; Sathya, M.; Memon, Fida Hussain; Krishnasamy, Lalitha; Dev, Kapal; Ziyue, Wang; Qureshi, Nawab Muhammad Faseeh	CLUSTER COMPUTING-THE JOURNAL OF NETWORKS SOFTWARE TOOLS AND APPLICATIONS		2022	10.1007/s10586-022-03607-1
445	Investigation of solid particle erosion behavior of Al-Al ₂ O ₃ and Al-ZrO ₂ metal matrix composites fabricated through powder metallurgy technique	Yadav, Manvendra; Kumaraswamidhas, L. A.; Singh, Sudhir Kumar	TRIBOLOGY INTERNATIONAL	AUG 2022	2022	10.1016/j.triboint.2022.107636
446	5G Cognitive Radio Networks Using Reliable Hybrid Deep Learning Based on Spectrum Sensing	Mohanakurup, Vinodkumar; Baghela, Vishwadeepak Singh; Kumar, Sarvesh; Srivastava, Prabhat Kumar; Doohan, Nitika Vats; Soni, Mukesh; Awai, Halifa	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	APR 11 2022	2022	10.1155/2022/1830497
447	Interfacial synthesis of large-area ultrathin polyimine nanofilms as molecular separation membrane	Tiwari, Karishma; Modak, Solagna; Sarkar, Pulak; Ray, Santanu; Adupa, Vasista; Reddy, K. Anki; Pramanik, Sumit Kumar; Das, Amitava; Karan, Santanu	ISCIENCE	APR 15 2022	2022	10.1016/j.isci.2022.104027
448	Energy-based fuzzy supervisory non integer control for performance improvement of PMSG-Based marine energy system under swell effect and parameter uncertainties	Belkhier, Youcef; Achour, Abdelyazid; Ullah, Nasim; Shaw, Rabintra Nath; Chowdhury, Shaharar; Techato, Kuaanan	RENEWABLE ENERGY	MAR 2022	2022	10.1016/j.renene.2021.12.126
449	Addition Progression Structure Photovoltaic Array Reconfiguration Technique to Generate Maximum Power under Static Partial Shading Condition	Anjum, Shahroz; Mukherjee, V; Mehta, Gitanjali	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	NOV 2022	2022	10.1007/s13369-022-06634-7
450	Chiral separation of calcium channel antagonists by SFC and HPLC using different immobilized chiral stationary phases	Raja, Rupak; Alam, Syed Dilshad; Mukhopadhyay, Dipanjan; Shirsath, Vikas; Jain, Arvind K.; ALOthman, Zeid A.; Locatelli, Marcello; Ali, Imran	CHIRALITY	MAR 2022	2022	10.1002/chir.23410
451	Quinoline-3-Carboxylic Acids DNA Minor Groove-Binding Agent	Purohit, Priyank; Mittal, Ravi K.; Khatana, Kavita	ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY	2022	2022	10.2174/1871520621666210513160714
452	Pyridine Moiety: An Insight into Recent Advances in the Treatment of Cancer	Sahu, Rakesh; Mishra, Rakhi; Kumar, Rajnish; Salahuddin; Majeed, Chandana; Mazumder, Avijit; Kumar, Ajay	MINI-REVIEWS IN MEDICINAL CHEMISTRY	2022	2022	10.2174/1389557521666210614162031
453	Black-Hole Attack Mitigation in Medical Sensor Networks Using the Enhanced Gravitational Search Algorithm	Dhanaraj, Rajesh Kumar; Jhaveri, Rutvij H.; Krishnasamy, Lalitha; Srivastava, Gautam; Maddikunta, Praveen Kumar Reddy	INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS	DEC 2021	2021	10.1142/S021848852140016X
454	Duo-Stage Decision: A Framework for Filling Missing Values, Consistency Check, and Repair of Decision Matrices in Multicriteria Group Decision Making	Raghunathan, Krishankumar; Soundarapandian, Ravichandran Kattur; Gandomi, Amir H.; Ramachandran, Manikandan; Patan, Rizwan; Mada, Rajasekhara Babu	IEEE TRANSACTIONS ON ENGINEERING MANAGEMENT	DEC 2021	2021	10.1109/TEM.2019.2928569

455	Commercial utilities and future perspective of nanomedicines	Malviya, Rishabha; Fuloria, Shivkanya; Verma, Swati; Subramanian, Vetriselvan; Sathasivam, Kathiresan, V; Kumarasamy, Vinoth; Kumar, Darnal Hari; Vellasamy, Shalini; Meenakshi, Dhanalekshmi Unnikrishnan; Yadav, Shikha; Sharma, Akanksha; Fuloria, Neeraj Kumar	PEERJ	NOV 19 2021	2021	10.7717/peerj.12392
456	A comparison of chiral separations by supercritical fluid chromatography and high-performance liquid chromatography	Ali, Imran; Raja, Rupak; Alam, Syed Dilshad; Shirsath, Vikas; K. Jain, Arvind; Locatelli, Marcello; David, Victor	JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES	JUL 21 2021	2021	10.1080/10826076.2021.1979037
457	Biotransformation of Citrus Waste-II: Bio-Sorbent Materials for Removal of Dyes, Heavy Metals and Toxic Chemicals from Polluted Water	Mahato, Neelima; Agarwal, Pooja; Mohapatra, Debananda; Sinha, Mukty; Dhyani, Archana; Pathak, Brajesh; Tripathi, Manwendra K.; Angaiah, Subramania	PROCESSES	SEP 2021	2021	10.3390/pr9091544
458	Activation of defense response in common bean against stem rot disease triggered by <i>Trichoderma erinaceum</i> and <i>Trichoderma viride</i>	Kumar, Sunil; Shukla, Vaishali; Dubey, Manish Kumar; Upadhyay, Ram Sanmukh	JOURNAL OF BASIC MICROBIOLOGY	OCT 2021	2021	10.1002/jobm.202000749
459	Bootstrap aggregative mean shift clustering for big data anti-pattern detection analytics in 5G/6G communication networks	Ramakrishnan, Vinothsaravanan; Chenniappan, Palanisamy; Dhanaraj, Rajesh Kumar; Hsu, Ching-Hsien; Xiao, Yingyuan; Al-Turjman, Fadi	COMPUTERS & ELECTRICAL ENGINEERING	OCT 2021	2021	10.1016/j.compeleceng.2021.107380
460	Chemical Modification of Banana Trunk Fibers for the Production of Green Composites	Sathasivam, Kathiresan, V; Haris, Mas Rosemal Hakim Mas; Fuloria, Shivkanya; Fuloria, Neeraj Kumar; Malviya, Rishabha; Subramanian, Vetriselvan	POLYMERS	JUN 2021	2021	10.3390/polym13121943
461	Investigation of machining performance in die-sinking electrical discharge machining of pentagonal micro-cavities using cylindrical electrode	Vidya, Shrikant; Wattal, Reeta; Rao, P. Venkateswara	JOURNAL OF THE BRAZILIAN SOCIETY OF MECHANICAL SCIENCES AND ENGINEERING	JUN 2021	2021	10.1007/s40430-021-03012-6
462	Fabrication and Characterization of Chitosan-Tamarind Seed Polysaccharide Composite Film for Transdermal Delivery of Protein/Peptide	Malviya, Rishabha; Tyagi, Anchal; Fuloria, Shivkanya; Subramanian, Vetriselvan; Sathasivam, Kathiresan; Sundram, Sonali; Karupiah, Sundram; Chakravarthi, Sri Kumar; Meenakshi, Dhanalekshmi Unnikrishnan; Gupta, Nandan; Sekar, Mahendran; Sudhakar, Kalvatala; Fuloria, Neeraj Kumar	POLYMERS	MAY 2021	2021	10.3390/polym13091531
463	Production of electric power from solar ponds using thermoelectric generator: A review	Mittal, Gaurav; Singh, Desh Bandhu; Singh, Gaurav	MATERIALS TODAY-PROCEEDINGS	2021	2021	10.1016/j.matpr.2020.12.148
464	Ischemic brain treated with 6-gingerol loaded mucoadhesive nanoemulsion via intranasal delivery and their comparative pharmacokinetic effect in brain	Ahmad, Niyaz; Ahmad, Rizwan; Amir, Mohd; Alam, Md Aftab; Almkhameel, Mortaja Zaki; Ali, Abuzer; Ahmad, Ayaz; Ashraf, Kamran	JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY	FEB 2021	2021	10.1016/j.jddst.2020.102130
465	Determination of Temperature-Dependent Coefficients of Viscosity and Surface Tension of Tamarind Seeds (<i>Tamarindus indica</i> L.) Polymer	Malviya, Rishabha; Jha, Sheetal; Fuloria, Neeraj Kumar; Subramanian, Vetriselvan; Chakravarthi, Sri Kumar; Sathasivam, Kathiresan; Kumari, Usha; Meenakshi, Dhanalekshmi Unnikrishnan; Parwal, Omji; Sharma, Akanksha; Kumar, Darnal Hari; Fuloria, Shivkanya	POLYMERS	FEB 2021	2021	10.3390/polym13040610
466	Black Hole and Sink Hole Attack Detection in Wireless Body Area Networks	Dhanaraj, Rajesh Kumar; Krishnasamy, Lalitha; Geman, Oana; Izdrui, Diana Roxana	CMC-COMPUTERS MATERIALS & CONTINUA	2021	2021	10.32604/cmc.2021.015363
467	Transfersomes: The Ultra-Deformable Carrier System for Non-Invasive Delivery of Drug	Gupta, Ritika; Kumar, Amrishi	CURRENT DRUG DELIVERY	2021	2021	10.2174/1567201817666200804105416
468	A geodesic deployment and radial shaped clustering (RSC) algorithm with statistical aggregation in sensor networks	Krishnasamy, Lalitha; Ramasamy, Thangarajan; Dhanaraj, Rajeshkumar; Chinmasamy, Poongodi	TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES	2021	2021	10.3906/elk-2006-124
469	A convenient 5-exo-dig cyclization route to diastereomerically pure methyl (2S)-2-(1-benzyl-3-oxo-1,3-dihydro-2H-isoindol-2-yl)-3-methylbutanoate	Night, Dnyaneshwar; Jain, Arvind Kumar; Singh, Mandeeep; Rawat, Varun	CHEMISTRY OF HETEROCYCLIC COMPOUNDS	OCT 2020	2020	10.1007/s10593-020-02825-y
470	Fabrication and analysis of mechanical properties of PVC/Glass fiber/graphene nano composite pipes	Shanmugasundar, G.; Vanitha, M.; Babu, L. Ganesh; Suresh, P.; Mathiyalagan, P.; Krishnan, G. Sai; Makos, Mebratu	MATERIALS RESEARCH EXPRESS	NOV 2020	2020	10.1088/2053-1591/abc277
471	Isolation of new diterpene from methanolic extract of <i>Capsicum annum</i> Linn. fruits	Fuloria, Neeraj Kumar; Fuloria, Shivkanya; Sharma, Vijay Kumar; Ali, Mohammed; Singh, Amit; Sharma, Pradeep Kumar	PHARMACOGNOSY MAGAZINE	OCT-DEC 2020	2020	10.4103/pm.pm_250_20
472	A watermarking scheme using intellectual encoding-encryption based blind reversible integer wavelet-singular value decomposition transform for authenticity detection	Kavitha, K. J.; Priestly Shan, B.	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	JUL 2021	2021	10.1007/s12652-020-02496-9

473	Influence of cumulus convection and cloud microphysics parameterizations on the prediction of Western Disturbances	Sarkar, Abhijit; Dutta, Devajyoti; Chakraborty, Paromita; Dutta, Surya Kanti; Majumdar, Susmita; Payra, Swagata; Bhatia, R.	METEOROLOGY AND ATMOSPHERIC PHYSICS	JUN 2020	2020	10.1007/s00703-019-00697-2
474	A Technical Survey on Intelligent Optimization Grouping Algorithms for Finite State Automata in Deep Packet Inspection	Samuel, Prithi; Subbaiyan, Sumathi; Balusamy, Balamurugan; Doraikannan, Sumathi; Gandomi, Amir H.	ARCHIVES OF COMPUTATIONAL METHODS IN ENGINEERING	MAY 2021	2021	10.1007/s11831-020-09419-z
475	Designing a Locating Scams for Mobile Transaction with the Aid of Operational Activity Analysis in Cloud	Chandran, Ramesh; Kumar, S. Rakesh; Gayathri, N.	WIRELESS PERSONAL COMMUNICATIONS	APR 2021	2021	10.1007/s11277-020-07302-5
476	Prediction of cirrhosis disease from radiologist liver medical image using hybrid coupled dictionary pairs on longitudinal domain approach	Kirubakaran, J.; Prasanna Venkatesan, G. K. D.; Baskar, S.; Kumaresan, M.; Annamalai, S.	MULTIMEDIA TOOLS AND APPLICATIONS	APR 2020	2020	10.1007/s11042-019-7259-3
477	Multiscale deep network based multistep prediction of high-dimensional time series from power transmission systems	Zhu, Hanlin; Zhu, Yongxin; Wang, Hui; Wang, Shihui; Liu, Ziwei; Balamurugan, Balusamy; Vijayakumar, Pandi; Xia, Ming	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	MAR 2022	2022	10.1002/ett.3890
478	Analysis of Energy Consumption in Dynamic Mobile Ad Hoc Networks	Das, Indrani; Shaw, Rabindra Nath; Das, Sanjoy	DATA COMMUNICATION AND NETWORKS, GUCON 2019	2020	2020	10.1007/978-981-15-0132-6_15
479	Online Career Counsellor System based on Artificial Intelligence: An approach	Joshi, Kartikey; Goel, Amit Kumar; Kumar, Tapas	2020 7TH IEEE INTERNATIONAL CONFERENCE ON SMART STRUCTURES AND SYSTEMS (ICSSS 2020)	2020	2020	
480	Multimodal Emotion Recognition in Polish (Student Consortium)	Rupauliha, Kritika; Goyal, Aman; Saini, Aman; Shukla, Akshay; Swaminathan, Sridhar	2020 IEEE SIXTH INTERNATIONAL CONFERENCE ON MULTIMEDIA BIG DATA (BIGMM 2020)	2020	2020	10.1109/BigMM50055.2020.00054
481	Data fusion using Tabu crossover genetic algorithm in information retrieval	Sivaram, Murugan; Batri, K.; Mohammed, Amin Salih; Porkodi, V.; Kousik, N., V	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2020	2020	10.3233/JIFS-189025
482	Cosmological dark matter in a conformal model	Sanyal, Prasenjit; Nayak, Alekha C.; Kashyap, Gopal; Jain, Pankaj	PHYSICAL REVIEW D	DEC 18 2019	2019	10.1103/PhysRevD.100.115032
483	Assistive pointer device for limb impaired people: A novel Frontier Point Method for hand movement recognition	Krishnamurthi, Rajalakshmi; Patan, Rizwan; Gandomi, Amir H.	FUTURE GENERATION COMPUTER SYSTEMS- THE INTERNATIONAL JOURNAL OF ESCIENCE	SEP 2019	2019	10.1016/j.future.2019.02.010
484	Synthesis of highly pure and dense 0.9 (KNbO3)-0.1(BaNi1/2Nb1/2O3-delta) ceramic with superior magnetic properties	Tiwari, Rajender Prasad; Hashmi, Syed Zimad Husain; Sharma, Raghav; Khan, Saif Ahmad; Birajdar, Balaji	JOURNAL OF THE AMERICAN CERAMIC SOCIETY	AUG 2019	2019	10.1111/jace.16330
485	Energy Efficient Area Coverage Mechanisms for Mobile Ad Hoc Networks	Das, Sanjoy; Sahana, Subrata; Das, Indrani	WIRELESS PERSONAL COMMUNICATIONS	JUL 2019	2019	10.1007/s11277-019-06312-2
486	Effects of types of GTAW including superior GTAW-PC with superimposed HF current on mechanical and metallurgical properties of super duplex stainless steel weld joints	Kumar, Rajeev; Chattopadhyaya, Somnath; Agrawal, B. P.; Kumar, Sanjeev; Devkumaran, K.; Arvindan, S.	MATERIALS RESEARCH EXPRESS	JUL 2019	2019	10.1088/2053-1591/ab16fe
487	Load Balanced Clustering protocol for lifetime enhancement of WSN	Dubey, Kumikum; Sharma, Vijeta; Gupta, Amrita; Srivastava, Ankita; Mishra, Shivendu; Rajpoot, Prince	PROCEEDINGS OF THE 2019 3RD INTERNATIONAL CONFERENCE ON COMPUTING METHODOLOGIES AND COMMUNICATION (ICCMC 2019)	2019	2019	
488	A High-Speed Image Fusion Method Using Hardware and Software Co-Simulation	Chauhan, Rudra Pratap Singh; Dwivedi, Rajiva; Asthana, Rishi	INFORMATION AND COMMUNICATION TECHNOLOGY FOR INTELLIGENT SYSTEMS (ICTIS 2017) - VOL 1	2018	2018	10.1007/978-3-319-63673-3_6
489	Prospective Plant Based Anticancer Lead Molecules	Kaur, Prabhjot; Sharma, Vikas	CURRENT TOPICS IN MEDICINAL CHEMISTRY	2018	2018	10.2174/1568026619666181224101132
490	PV and TEG Hybrid Power Generation for Enhancement of Efficiency	Koushik, S.; Das, Soumitra; Sharma, Vatsala; Walde, Pratima; Maji, Nilanjan	2018 8TH IEEE INDIA INTERNATIONAL CONFERENCE ON POWER ELECTRONICS (IICPE)	2018	2018	
491	Anesthetic Molecule Interaction of Noble Gases with Proteins and Lipids and their Effect: A Review	Kundu, Shyamal Kumar; Chakraborty, Chiranjib; Yagihara, Shin; Teoh, Seong Lin; Das, Srijit	CURRENT DRUG DELIVERY	2018	2018	10.2174/1567201815666180820101255
492	Application of IoT to optimize Data Center operations	Mehta, Gitanjali; Mittra, Gaurav; Yadav, Vinod Kumar	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
493	Real-Time Vehicle and Pedestrian Detection Through SSD in Indian Traffic Conditions	Raj, Mayank; Chandan, Swet	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
494	Understanding Relation between Public Sentiments and Government Policy Reforms	Srivastava, Mansi; Khatri, Sunil Kumar; Sinha, Sapna; Ahluwalia, Armaan Singh; Johri, Prashant	2018 7TH INTERNATIONAL CONFERENCE ON RELIABILITY, INFOCOM TECHNOLOGIES AND OPTIMIZATION (TRENDS AND FUTURE DIRECTIONS) (ICRITO) (ICRITO)	2018	2018	
495	Agricultural Management using Cloud Computing in India	Baghel, Dinesh Kumar; Singh, Arun; Deka, Pratyush Kumar	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	

496	Performance enhancement of solar PV system under Partial Shaded Condition using PSO	Dwivedi, Maneesha; Mehta, Gitanjali; Iqbal, Asif; Shekhar, Himanshu	2017 8TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)	2017	2017	
497	Microstructure and mechanical properties of gamma-TiAl consolidated by spark plasma sintering	Kennedy, S.; Kumaran, S.; Rao, T. Srinivasa	INTEGRATED FERROELECTRICS	2017	2017	10.1080/10584587.2017.1370272
498	A Filter Bank Architecture Based on Wavelet Transform for ECG Signal Denoising	Kumar, Ashish; Tiwari, Rakesh N.; Kumar, Manjeet; Kumar, Yogendera	PROCEEDINGS OF 4TH INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING, COMPUTING AND CONTROL (ISPCC 2K17)	2017	2017	
499	A Comment on Efficient Certificateless Aggregate Signature Scheme	Kumar, Pankaj; Sharma, Vishnu	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
500	An optimized routing algorithm for BAN by considering Hop-count, residual energy and link quality for route discovery	Kumari, Rani; Nand, Parma	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
501	Comparison of Advance Intelligence Algorithms for Maximum Power Point Tracking	Mehta, Gitanjali; Dwivedi, Maneesha; Yadav, Vinod Kumar	2017 4TH IEEE UTTAR PRADESH SECTION INTERNATIONAL CONFERENCE ON ELECTRICAL, COMPUTER AND ELECTRONICS (UPCON)	2017	2017	
502	Audio Steganography using ASCII Code and GA	Mishra, Amba; Johri, Prashant; Mishra, Anuranjan	2017 INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES AND UNMANNED SYSTEMS (TRENDS AND FUTURE DIRECTIONS) (ICTUS)	2017	2017	
503	Simulation Analysis and Performance Evaluation of Four Innovative Routers for Network on Chip	Mittal, Himani; Kumar, Yogendera	2017 2ND IEEE INTERNATIONAL CONFERENCE ON WIRELESS COMMUNICATIONS, SIGNAL PROCESSING AND NETWORKING (WISPNET)	2017	2017	
504	Broadcasting Methods in Mobile Ad-hoc Networks	Sharma, Vishnu; Vij, Akansha	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
505	Big Heterogeneous Data and Its Security: A Survey	Arora, Sanchita; Kumar, Mithun; Johri, Prashant; Das, Sanjoy	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
506	Low Power Dual Edge Triggered Flip Flop using Multi Threshold CMOS	Kumar, Ashish; Kumar, Yogendera; Berwal, Deepak	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
507	Certificateless Aggregate Signature Schemes: A Review	Kumar, Pankaj; Sharma, Vishnu; Sharma, Gaurav	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
508	Testing Resource Allocation for Fault Detection Process	Nasar, Md.; Johri, Prashant	SMART TRENDS IN INFORMATION TECHNOLOGY AND COMPUTER COMMUNICATIONS, SMARTCOM 2016	2016	2016	10.1007/978-981-10-3433-6_82
509	A brief survey of Blackhole detection and avoidance for ZRP protocol In MANETS	Prakash, Shivendra; Swaroop, Abhishek	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
510	Network Forensics: Today and Tomorrow	Shrivastava, Gulshan; Sharma, Kavita; Kumari, Reema	PROCEEDINGS OF THE 10TH INDIACOM - 2016 3RD INTERNATIONAL CONFERENCE ON COMPUTING FOR SUSTAINABLE GLOBAL DEVELOPMENT	2016	2016	
511	Design of Microstrip Antenna with Modified Feeding Technique for S-Band Communication System	Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod Kumar	PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON SYSTEM MODELING & ADVANCEMENT IN RESEARCH TRENDS (SMART-2016)	2016	2016	
512	India's budget reduction and AIDS initiatives	Agoramoorthy, Govindasamy; Chakraborty, Chiranjib	LANCET INFECTIOUS DISEASES	JUN 2015	2015	10.1016/S1473-3099(15)00025-0
513	Low Power Conditional Pulse Control with Transmission Gate Flip-Flop	Berwal, Deepak; Kumar, Ashish; Kumar, Yogendera	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
514	Designing a Technique for Detecting Intrusion based on modified Adaptive Resonance Theory Network	Chauhan, Mukul; Pratap, Abhay; Sonika; Dixit, Anurag	2015 International Conference on Green Computing and Internet of Things (ICGCIoT)	2015	2015	
515	Trajectory estimation of a moving charged particle An Application of Least Square Estimation (LSE) Approach	Gehlot, S. K.; Singh, Ravendra	2014 INTERNATIONAL CONFERENCE ON MEDICAL IMAGING, M-HEALTH & EMERGING COMMUNICATION SYSTEMS (MEDCOM)	2015	2015	
516	Realization of congestion in Software Defined Networks	Jha, Narendra Kumar; Agarwal, Namita; Singh, Praveen	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	

517	BroCUR: Distributed Cloud Broker in a Cloud Federation Brokerage Peculiarities in a Hybrid Cloud	Khanna, Prashant; Jain, Sonal; Babu, B. V.	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
518	Implementation of New Encryption Algorithm with Random Key Selection and Minimum Space Complexity	Mushtaque, Md Asif; Dhiman, Harsh	2015 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTER ENGINEERING AND APPLICATIONS (ICACEA)	2015	2015	
519	An Efficient and Secure Means for Identity and Trust Management in Cloud	Nida; Teli, Bhupendra Kumar	2015 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTER ENGINEERING AND APPLICATIONS (ICACEA)	2015	2015	
520	Improved DSA Cryptographic protocol and its comparative study with RSA protocol	Singh, Dhananjaya; Nand, Parma; Astya, Rani; Dixit, Payal	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
521	Compare the Performance of MPTCP and TCP and Proposed an Algorithm for Seamless Handover in Het-Net	Singh, Suneet Kumar; Khara, Sibaram	2015 COMMUNICATION, CONTROL AND INTELLIGENT SYSTEMS (CCIS)	2015	2015	
522	Ebola eradication may need wider partnership	Agoramoorthy, Govindasamy; Chakraborty, Chiranjib	CANADIAN MEDICAL ASSOCIATION JOURNAL	OCT 21 2014	2014	10.1503/cmaj.114-0074
523	Viscoelastic potential flow analysis of the stability of a cylindrical jet	Awasthi, M. K.; Asthana, R.; Agrawal, G. S.	SCIENTIA IRANICA	JUN 2014	2014	
524	Barrier-Cluster-Heating Model and Photoinduced Phenomena in Chalcofenide Glasses	Banik, Ivan; Lukovicova, Jozefa; Sarkar, Bimal Kumar; Sin, Peter	TIM 2013 PHYSICS CONFERENCE	2014	2014	10.1063/1.4903021
525	Discussion of Storm Centering Approach for Flood Predictions from Large Watersheds by James C. Y. Guo	Gupta, Sanjay K.; Singh, Vijay P.	JOURNAL OF HYDROLOGIC ENGINEERING	JAN 1 2014	2014	10.1061/(ASCE)HE.1943-5584.0000800
526	Mapping the Structural Topology of IRS Family Cascades Through Computational Biology	Chakraborty, Chiranjib; Doss, C. George Priya; Bandyopadhyay, Sanghamitra; Sarkar, Bimal Kumar; Haneef, S. A. Syed	CELL BIOCHEMISTRY AND BIOPHYSICS	DEC 2013	2013	10.1007/s12013-013-9664-y
527	Covalent IR820-PEG diamine conjugates: Characterization and in vivo biodistribution	Fernandez-Fernandez, Alicia; Manchanda, Romila; Carvajal, Denny A.; Lei, Tingjun; McGoron, Anthony J.	REPORTERS, MARKERS, DYES, NANOPARTICLES, AND MOLECULAR PROBES FOR BIOMEDICAL APPLICATIONS V	2013	2013	10.1117/12.2004869
528	New Models Designed for Nanocircuit Elements for Nanotransmission Line	Tiwari, Rakesh N.; Singh, Prabhakar	JOURNAL OF COMPUTATIONAL AND THEORETICAL NANOSCIENCE	DEC 2012	2012	10.1166/jctn.2012.2634
529	MIMO Antennas: Design Approaches, Techniques and Applications	Sharma, Preeti; Tiwari, Rakesh N.; Singh, Prabhakar; Kumar, Pradeep; Kanaujia, Binod K.	SENSORS	OCT 2022	2022	10.3390/s22207813
530	Metal-Organic Precursor Synthesis, Structural Characterization, and Multiferric Properties of GdFeO ₃ Nanoparticles	Lone, Irfan H.; Khan, Huma; Jain, Arvind K.; Ahmed, Jahangeer; Ramanujachary, Kandalam V.; Ahmad, Tokeer	ACS OMEGA		2022	10.1021/acsomega.2c02809
531	Preparation, characterization and stability of cross linked nitrilase aggregates (nitrilase-CLEAs) for hydroxylation of 2-chloroisonicotinonitrile to 2-chloroisonicotinic acid	Khatik, Amol Gulab; Jain, Arvind Kumar; Muley, Abhijeet Bhimrao	BIOPROCESS AND BIOSYSTEMS ENGINEERING	SEP 2022	2022	10.1007/s00449-022-02766-0
532	Dual-band trident shaped MIMO antenna with novel ground plane for 5G applications	Sharma, Preeti; Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod Kumar	AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS	OCT 2022	2022	10.1016/j.aeue.2022.154364
533	Sensors Energy Optimization for Renewable Energy-Based WBANS on Sporadic Elder Movements	Rajawat, Anand Singh; Goyal, S. B.; Bedi, Pardeep; Verma, Chaman; Safirescu, Calin Ovidiu; Mihaltan, Traian Candin	SENSORS	AUG 2022	2022	10.3390/s22155654
534	Infrared Target-Background Separation Based on Weighted Nuclear Norm Minimization and Robust Principal Component Analysis	Rawat, Sur Singh; Singh, Sukhendra; Alotaibi, Youseef; Alghamdi, Saleh; Kumar, Gyanendra	MATHEMATICS	AUG 2022	2022	10.3390/math10162829
535	Moving human detection and tracking from thermal video through intelligent surveillance system for smart applications	Kumar, Manoj; Ray, Susmita; Yadav, Dileep Kumar	MULTIMEDIA TOOLS AND APPLICATIONS		2022	10.1007/s11042-022-13515-6
536	Assessment of variation in air quality over Delhi and neighbouring cities of Noida and Greater Noida	Sharma, Deepak; Soni, V. K.; Pradhan, Subhalaxmi	JOURNAL OF EARTH SYSTEM SCIENCE	JUL 4 2022	2022	10.1007/s12040-022-01902-4
537	FPGA-Based Deep Learning Models for Analysing Corona Using Chest X-Ray Images	Namburu, Anupama; Sumathi, D.; Raut, Roshani; Jhaveri, Rutvij H.; Dhanaraj, Rajesh Kumar; Subbulakshmi, N.; Balusamy, Balamurugan	MOBILE INFORMATION SYSTEMS	JUN 28 2022	2022	10.1155/2022/2110785
538	A cryptographic paradigm to detect and mitigate blackhole attack in VANET environments	Dhanaraj, Rajesh Kumar; Islam, S. K. Hafizul; Rajasekar, Vani	WIRELESS NETWORKS	OCT 2022	2022	10.1007/s11276-022-03017-6
539	Path-Rank-Based Data Chunk Scheduling for Concurrent Multipath Transmission	Tomar, Parul; Kumar, Gyanendra; Verma, Lal Pratap	COMPUTER JOURNAL		2022	10.1093/comjnl/bxac074

540	Deep Learning Image Classification for Fashion Design	Vijayaraj, A.; Raj, P. T. Vasanth; Jebakumar, R.; Senthilvel, P. Gururama; Kumar, N.; Kumar, R. Suresh; Dhanagopal, R.	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	JUN 14 2022	2022	10.1155/2022/7549397
541	Breast Tumor Detection Using Robust and Efficient Machine Learning and Convolutional Neural Network Approaches	Khan, Mohammad Monirujaman; Tazin, Tahia; Hussain, Mohammad Zunaid; Mostakim, Monira; Rehman, Taafeur; Singh, Samender; Gupta, Vaishali; Alomeir, Othman	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	JUN 7 2022	2022	10.1155/2022/6333573
542	Water optimization technique for precision irrigation system using IoT and machine learning	Vianny, D. Maria Manuel; John, A.; Mohan, Senthil Kumar; Sarlan, Aliza; Adimoolam; Ahmadian, Ali	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	AUG 2022	2022	10.1016/j.seta.2022.102307
543	Design and analysis of text document clustering using salp swarm algorithm	Ponnusamy, Muruganantham; Bedi, Pradeep; Suresh, Tamilaras; Alagarsamy, Aravindhan; Manikandan, R.; Yuvaraj, N.	JOURNAL OF SUPERCOMPUTING	SEP 2022	2022	10.1007/s11227-022-04525-0
544	Key Aggregation Cryptosystem and Double Encryption Method for Cloud-Based Intelligent Machine Learning Techniques-Based Health Monitoring Systems	Almuzaini, Khalid K.; Sinhal, Amit Kumar; Ranjan, Raju; Goel, Vikas; Shrivastava, Rajeev; Halifa, Awal	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	APR 21 2022	2022	10.1155/2022/3767912
545	Yoga Pose Estimation and Feedback Generation Using Deep Learning	Thoutam, Vivek Anand; Srivastava, Anugrah; Badal, Tapas; Mishra, Vipul Kumar; Sinha, G. R.; Sakalle, Aditi; Bhardwaj, Harshit; Raj, Manish	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	MAR 24 2022	2022	10.1155/2022/4311350
546	Wnt/beta-catenin antagonist pyrvinium rescues high dose isoproterenol induced cardiotoxicity in rats: Biochemical and immunohistological evidences	Srivastava, Shriyansh; Yadav, Shubham; Singh, Gaaminepreet; Bajwa, Shamsheer Singh	CHEMICO-BIOLOGICAL INTERACTIONS	MAY 1 2022	2022	10.1016/j.cbi.2022.109902
547	Chiral separation of beta-blockers by supercritical fluid chromatography using Chiralpak-IG and Chiralpak IBN-5 columns	Ali, Imran; Alam, Syed Dilshad; Raja, Rupak; Shirsath, Vikas; Jain, Arvind K.; Yusuf, Kareem; Aljuwayid, Ahmed Muteb; Sillanpaa, Mika	CHIRALITY	JUN 2022	2022	10.1002/chir.23440
548	Development, Statistical Optimization and Characterization of Fluvastatin Loaded Solid Lipid Nanoparticles: A 3(2) Factorial Design Approach	Asif, Afzal Haq; Desu, Prasanna Kumar; Alavala, Rajasekhar Reddy; Rao, Gudhanti Siva Naga Koteswara; Sreeharsha, Nagaraja; Meravanige, Girish	PHARMACEUTICS	MAR 2022	2022	10.3390/pharmaceutics14030584
549	Integration of acid pre-treated paddy straw hydrolysate to molasses as a diluent enhances ethanol production using a robust <i>Saccharomyces cerevisiae</i> NGY10 strain	Pandey, Ajay Kumar; Kumar, Mohit; Kumari, Sonam; Gaur, Naseem A.	RENEWABLE ENERGY	MAR 2022	2022	10.1016/j.renene.2022.01.039
550	Experimental Investigation on Machinability and Geometric Tolerance in Die-Sinking EDM of Microholes and Channels	Vidya, Shrikant; Watal, Reeta; Rao, P. Venkateswara	MAPAN-JOURNAL OF METROLOGY SOCIETY OF INDIA	JUN 2022	2022	10.1007/s12647-022-00532-x
551	An improved statistical approach for moving object detection in thermal video frames	Rai, Mritunjay; Sharma, Rohit; Satapathy, Suresh Chandra; Yadav, Dileep Kumar; Maiti, Tanmoy; Yadav, R. K.	MULTIMEDIA TOOLS AND APPLICATIONS	MAR 2022	2022	10.1007/s11042-021-11548-x
552	A futuristic approach to generate random bit sequence using dynamic perturbed chaotic system	Krishnamoorthi, Sathya; Jayapaul, Premalatha; Rajasekar, Vani; Dhanaraj, Rajesh Kumar; Iwendi, Celestine	TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES	2022	2022	10.3906/elk-2010-137
553	Unmasking of CgYor1-Dependent Azole Resistance Mediated by Target of Rapamycin (TOR) and Calcineurin Signaling in <i>Candida glabrata</i>	Kumari, Sonam; Kumar, Mohit; Esquivel, Brooke D.; Wasi, Mohd; Pandey, Ajay Kumar; Khandelwal, Nitesh Kumar; Mondal, Alok K.; White, Theodore C.; Prasad, Rajendra; Gaur, Naseem A.	MBIO	JAN-FEB 2022	2022	
554	Advancement and Strategies for the Development of Peptide-drug Conjugates: Pharmacokinetic Modulation, Role and Clinical Evidence against Cancer Management	Malviya, Rishabha; Verma, Swati; Sundram, Sonali	CURRENT CANCER DRUG TARGETS	2022	2022	10.2174/156800962166621118111506
555	Cubosomes: Versatile Nanosized Formulation for Efficient Delivery of Therapeutics	Singhal, Keshav; Kaushik, Niranjan; Kumar, Amrish	CURRENT DRUG DELIVERY	2022	2022	10.2174/1567201818666210708123855
556	A comparative study of chiral separation of proton pump inhibitors by supercritical fluid chromatography and high-performance liquid chromatography	Raja, Rupak; Alam, Syed Dilshad; Srisath, Vikas; Jain, Arvind Kumar; AlOthman, Zeid A.; Mohammed, Abdallah A. A.; Islam, Mohammad Ataul; Bhatt, Tahir; Ali, Imran	JOURNAL OF SEPARATION SCIENCE	FEB 2022	2022	10.1002/jssc.202100834
557	Analysis of Clinical Trial Registry of India for Evidence of Anti-Arthritic Properties of <i>Withania somnifera</i> (Ashwagandha)	Kanjilal, Satyajyoti; Gupta, Ashok Kumar; Patnaik, Ranjana Saksena; Dey, Amitabha	ALTERNATIVE THERAPIES IN HEALTH AND MEDICINE	NOV-DEC 2021	2021	
558	Smartphone-Based mHealth and Internet of Things for Diabetes Control and Self-Management	Mehbodniya, Abolfazi; Kumar, A. Suresh; Rane, Kantilal Pitambar; Bhatia, Komal Kumar; Singh, Bhupesh Kumar	JOURNAL OF HEALTHCARE ENGINEERING	OCT 16 2021	2021	10.1155/2021/2116647

559	A smart intuitionistic fuzzy-based framework for round-robin short-term scheduler (Sept, 10.1007/s11227-021-04052-4, 2021)	Raheja, Supriya; Alshehri, Mohammed; Mohamed, Ahmed A.; Khaïtan, Supriya; Kumar, Manoj; Stephan, Thompson	JOURNAL OF SUPERCOMPUTING	MAR 2022	2022	10.1007/s11227-021-04096-6
560	Maximum Power Generation from Novel Triangular-Shaped PV Array Configurations under Partial Shading Conditions	Anjum, Shahroz; Mukherjee, Vivekananda; Mehta, Gitanjali	JOURNAL OF ENERGY ENGINEERING	OCT 1 2021	2021	10.1061/(ASCE)EY.1943-7897.0000781
561	ON THE DERIVATIVE OF A RATIONAL POLYNOMIAL WITH PRESCRIBED POLES	Dinesh, T.; Hans, S.; Tyagi, Babita	JOURNAL OF MATHEMATICAL INEQUALITIES	JUN 2021	2021	10.7153/jmi-2021-15-33
562	Stabilization of Etoricoxib Nanosuspension Using Acacia chundra Gum and Copolymers: Preparation, Characterization, and In Vitro Cytotoxic Study	Malviya, Rishabha; Awasthi, Rajendra; Sharma, Pramod Kumar; Dubey, Susheel Kumar	ASSAY AND DRUG DEVELOPMENT TECHNOLOGIES	JUL 1 2021	2021	10.1089/adt.2020.1054
563	Lightweight Technical Implementation of Single Sign-On Authentication and Key Agreement Mechanism for Multiserver Architecture-Based Systems	Anand, Darpan; Khemchandani, Vineeta; Sabharawal, Munish; Cheikhrouhou, Omar; Ben Fredj, Ouissem	SECURITY AND COMMUNICATION NETWORKS	MAY 17 2021	2021	10.1155/2021/9940183
564	Thermo-statistical study of sustainable refrigeration system for stack flow heat recovery of combined gas turbine-steam turbine power generation	Dubey, Kaushalendra Kumar; Mishra, R. S.	MATERIALS TODAY-PROCEEDINGS	2021	2021	10.1016/j.matpr.2020.11.211
565	Chemo-metric assisted UV-spectrophotometric methods for simultaneous estimation of Darunavir ethanolate and Cobicistat in binary mixture and their tablet formulation	Singh, Veena Devi; Singh, Vijay Kumar	SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY	APR 5 2021	2021	10.1016/j.saa.2020.119383
566	Gradient Boosting Based Classification of Ion Channels	Agrawal, Divyansh; Minocha, Sachin; Goel, Amit Kumar	2021 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION, AND INTELLIGENT SYSTEMS (ICCCIS)	2021	2021	10.1109/ICCCIS51004.2021.9397161
567	Comparative classification techniques for identification of brain states using TQWT decomposition	Agrawal, Rahul; Bajaj, Preeti	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2021	2021	10.3233/JIFS-189851
568	Next-Generation Indoor Wireless Systems: Compatibility and Migration Case Study	Dhawankar, Piyush; Kumar, Arvind; Crespi, Noel; Busawon, Krishna; Qureshi, Kashif Naseer; Javed, Ibrahim Tariq; Prakash, Shiv; Kaiwartya, Omprakash	IEEE ACCESS	2021	2021	10.1109/ACCESS.2021.3126827
569	Synthetic Investigations on Medicinally Important Quinoxaline Scaffold: A Mini Review	Kumar, Nitin; Kaushik, Niranjan; Kumar, Shiv; Sharma, Vikas	LETTERS IN ORGANIC CHEMISTRY	2021	2021	10.2174/1570178617666200409101903
570	EFFECTS OF THERMAL RADIATION AND BUOYANCY FORCE ON TRANSIENT HARTMANN FLOW IN A CHANNEL WITH PERMEABLE WALLS	Prakash, O.; Makinde, O. D.	LATIN AMERICAN APPLIED RESEARCH	2021	2021	10.52292/j.laar.2021.640
571	Big data reliability: A critical review	Sharma, Shalini; Kumar, Naresh; Kaswan, Kuldeep Singh	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2021	2021	10.3233/JIFS-202503
572	UWB MIMO Antenna with Decoupling Strip for 5G Applications	Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod Kumar; Kumar, Pradeep	2021 INTERNATIONAL APPLIED COMPUTATIONAL ELECTROMAGNETICS SOCIETY SYMPOSIUM (ACES)	2021	2021	10.1109/ACES53325.2021.00184
573	Time dependent anomaly detection system for smart environment using probabilistic timed automaton	Venkatraman, S.; Muthusamy, P.; Balusa, Bhanuchander; Jayasankar, T.; Kavithaa, G.; Sekar, K. R.; Bharatiraja, C.	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING		2021	10.1007/s12652-020-02769-3
574	Finite Element Analysis of Lead-Free Ceramic Based Cymbal Transducer for Energy Harvesting	Sahi, Yashwardhan; Chandan, Swet	INTEGRATED FERROELECTRICS	NOV 21 2020	2020	10.1080/10584587.2020.1819037
575	Road-Based Multi-Metric Forwarder Evaluation for Multipath Video Streaming in Urban Vehicular Communication	Aliyu, Ahmed; Abdullah, Abdul Hanan; Isnin, Ismail Fauzi; Radzi, Raja Zahilah Raja Mohd.; Kumar, Arvind; Darwish, Tasneem S. J.; Joda, Usman Mohammed	ELECTRONICS	OCT 2020	2020	10.3390/electronics9101663
576	Energy Efficient Location Error Resilient Connectivity in Wireless Sensor Networks	Katti, Anvesha; Lobiyal, D. K.	WIRELESS PERSONAL COMMUNICATIONS	JAN 2021	2021	10.1007/s11277-020-07735-y
577	Network and pathway enrichment analysis of Attention Deficit/Hyperactivity Disorder candidate genes	Singh, Pratchi	INDIAN JOURNAL OF PSYCHIATRY	JUL-AUG 2020	2020	10.4103/psychiatry.IndianJPsychiatry_105_17
578	Novel corona virus disease (COVID-19) and ophthalmic manifestations: Clinical evidences	Singh, Geetanjali; Sharma, Pramod Kumar; Malviya, Rishabha; Awasthi, Rajendra	DERMATOLOGIC THERAPY	NOV 2020	2020	10.1111/dth.13814
579	Artificial bee colony method for identifying eavesdropper in terrestrial cellular networks	Rajkumar, D. Udaya Suriya; Gavaskar, P. Sunil; Al-Turjman, Fadi; Sathiyaraj, R.; Balusamy, Balamurugan	TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES	JUL 2021	2021	10.1002/ett.3941
580	Enhanced vibration energy harvesting from lead free ceramic 0.5Ba (Zr 0.2 Ti 0.8)O 3-0.5 (Ba 0.7 Ca 0.3)TiO 3	Chauhana, Alok P. S.; Chandan, Swet; Sahi, Yashwardhan	MATERIALS TODAY-PROCEEDINGS	2020	2020	10.1016/j.matpr.2020.02.618

581	Efficient Ranking Framework for Information Retrieval Using Similarity Measure	Irfan, Shadab; Ghosh, Subhajit	COMPUTATIONAL VISION AND BIO-INSPIRED COMPUTING	2020	2020	10.1007/978-3-030-37218-7_141
582	CONTINUOUS MOVING OBJECT CLUSTERING IN DYNAMIC ROAD NETWORK	John, A.; Mathiyalagan, P.; Blessy, Angelin	PROCEEDINGS OF THE 5TH INTERNATIONAL CONFERENCE ON INVENTIVE COMPUTATION TECHNOLOGIES (ICICT-2020)	2020	2020	
583	Detection and Isolation of Black Hole attack in Mobile Ad Hoc Networks - A Review	Nagasubramanian, Gayathri; Sakthivel, Rakesh Kumar; Patan, Rizwan; Ehtemami, Anahid; Meyer-Baese, Anke; Tahmassebi, Amirhessam; Gandomi, Amir H.	DISRUPTIVE TECHNOLOGIES IN INFORMATION SCIENCES IV	2020	2020	10.1117/12.2557080
584	Design of Customer Information Management System	Narayan, Rohini; Mehta, Gitanjali	DATA COMMUNICATION AND NETWORKS, GUCON 2019	2020	2020	10.1007/978-981-15-0132-6_13
585	Fabrication of a tubular furnace for sintering and heat treatment of metals/alloys	Nirala, Akhileshwar; Kumar, Navneet; Singh, Desh Bandhu; Sharma, Sanjeev Kumar; Shrivastava, Anil Kumar; Chandan, Swet; Prasad, Haridwar	MATERIALS TODAY-PROCEEDINGS	2020	2020	10.1016/j.matpr.2020.04.222
586	Simulation analysis of composite helical spring for compression, torsional and transverse mode	Nirala, Akhileshwar; Kumar, Navneet; Singh, Desh Bandhu; Singh, Ashok Kumar; Sharma, Sanjeev Kumar; Yadav, Jeetendra Kumar; Prasad, Haridwar; Chandan, Swet; Shrivastava, Anil Kumar	MATERIALS TODAY-PROCEEDINGS	2020	2020	10.1016/j.matpr.2020.04.558
587	The growing role of integrated and insightful big and real-time data analytics platforms	Ranganathan, Indrakumari; Thangamuthu, Poongodi; Palanimuthu, Suresh; Balusamy, Balamurugan	DIGITAL TWIN PARADIGM FOR SMARTER SYSTEMS AND ENVIRONMENTS: THE INDUSTRY USE CASES	2020	2020	10.1016/bs.adcom.2019.09.009
588	Attribute Reduction of Incomplete Information Systems: An Intuitionistic Fuzzy Rough Set Approach	Singh, Shivani; Shreevastava, Shivam; Som, Tanmoy	RECENT ADVANCES IN INTELLIGENT INFORMATION SYSTEMS AND APPLIED MATHEMATICS	2020	2020	10.1007/978-3-030-34152-7_48
589	Spectral modifications and enhancement of red light yield tailored by Y3+ incorporation in the SrGd1.94Eu0.06O4 system	Singh, Jyoti; Poelman, Dirk; Dubey, Vikas	JOURNAL OF MATERIALS SCIENCE- MATERIALS IN ELECTRONICS	DEC 2019	2019	10.1007/s10854-019-02461-z
590	Development of equation for determining the compression index of marine clay	Samui, Pijush; Jagan, J.; Kim, Dookie	INDIAN JOURNAL OF GEO-MARINE SCIENCES	NOV 2019	2019	
591	Electrocaloric behavior of Ba0.85Ca0.15Zr0.1Ti0.88Sn0.02O3 cement composites	Suresh, P.; Mathiyalagan, P.; Srikanth, K. S.	TRANSACTIONS OF NONFERROUS METALS SOCIETY OF CHINA	APR 2019	2019	10.1016/S1003-6326(19)64989-7
592	Bandwidth enhancement using modified L-probe fed slotted patch antenna for WLAN and UMTS applications	Tiwari, Rakesh N.; Singh, Prabhakar; Kanaujia, Binod Kumar	INTERNATIONAL JOURNAL OF MICROWAVE AND WIRELESS TECHNOLOGIES	APR 2019	2019	10.1017/S175907871800154X
593	Novel Layered Zn-Y Hydroxide and Study of Their UV Properties by Intercalation of Organic Aliphatic and Aromatic UV-Absorbent Molecules	Chakraborty, Pinki; Singh, Poonam; Singh, Jyoti; Tripathi, Achala	ADVANCES IN BASIC SCIENCES (ICABS 2019)	2019	2019	10.1063/1.5122624
594	Modeling and Fuzzy Logic Control of Photovoltaic-fuel Cell-battery Hybrid Vehicle	Chandan, Swet; Chauhan, Alok P. S.	EMERGING TRENDS IN MATHEMATICAL SCIENCES AND ITS APPLICATIONS	2019	2019	10.1063/1.5086648
595	Mitigation of False Data Injection on Frequency Regulation using Non-linear Sliding Mode Control	Chugh, Manpreet; Prasad, Sheetla	2019 INTERNATIONAL CONFERENCE ON POWER ELECTRONICS, CONTROL AND AUTOMATION (ICPECA-2019)	2019	2019	
596	Information Gain Model for Efficient Influential Node Identification in Social Networks	Dutta, Kaushik; Sharma, Mayank; Sharma, Upasna; Khatri, Sunil Kumar; John, Prashant	PROCEEDINGS 2019 AMITY INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE (AICAI)	2019	2019	
597	A Comparative Study of Flow Characteristics of BMW M6 and AUDI R8 Commercial Sports Car Using Flow Design Software	Elsen, S. Renold; Jegadeesan, K.; Aseer, J. Ronald	ADVANCES IN MANUFACTURING TECHNOLOGY	2019	2019	10.1007/978-981-13-6374-0_29
598	A Secure Privacy Preserving Proxy re-encryption Scheme for IoT Security using Near-ring	Krishnamoorthy, S.; Muthukumara, V; Yu, J.; Balamurugan, B.	PROCEEDINGS OF 2019 INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION AND ARTIFICIAL INTELLIGENCE (PRAI 2019)	2019	2019	10.1145/3357777.3359011
599	Inconsistent Framework of Online Education: A Comparative analysis	Sehgal, Akanksha; Garg, Adarsh	2019 10TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCNT)	2019	2019	
600	A New Hybrid PSOGSA-TVAC Algorithm for Transmission Line Congestion Management in Deregulated Environment	Sharma, Vatsala; Walde, Pratima; Siddiqui, Anwar Shahzad	2019 6TH INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND INTEGRATED NETWORKS (SPIN)	2019	2019	
601	Optimized FWM Parameters for FTTH Using DWDM Network	Sugumar, S.; Sharma, Lokesh; Choudhary, Shiipa	PROCEEDINGS OF 2019 INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND KNOWLEDGE ECONOMY (ICCIKE' 2019)	2019	2019	
602	Phase noise analysis of proposed PFD and CP switching circuit and its advantages over various PFD/CP switching circuits in phase-locked loops	Hati, Manas Kumar; Bhattacharyya, Tarun Kanti	INTEGRATION-THE VLSI JOURNAL	SEP 2018	2018	10.1016/j.vlsi.2018.06.002

603	Effect of hexane extract of Syzygium aromaticum on haematological profile of rats	Arora, S.; Pal, M.; Bordoloi, M.; Nandi, S. P.	JOURNAL OF ENVIRONMENTAL BIOLOGY	MAY 2018	2018	10.22438/jeb/39/3/MRN-679
604	Degradation Kinetic and Pharmacokinetic Studies of Quercetin Chitosan Nanoparticles Using Validated Ultra High Performance Liquid Chromatography-Synapt Mass Spectrometry (UPLC-MS/MS-ESI-Q-TOF)	Ahmad, Niyaz; Ahmad, Rizwan; Naqvi, Atta Abbas; Alam, Md Aftab; Rubs, Rehan Abdur; Ahmads, Farhan Jalees	CURRENT PHARMACEUTICAL ANALYSIS	2018	2018	10.2174/1573412913666170503121839
605	A Low Profile Higher Band IOT Antenna for Security Applications	Annamalal, S.; Kumaresan, M.; Venkatesan, G. K. D. Prasanna	INTERNATIONAL CONFERENCE ON SUSTAINABLE ENGINEERING AND TECHNOLOGY (ICONSET 2018)	2018	2018	10.1063/1.5079007
606	Design and Analysis of SEPIC-Based Single-Stage Three-Phase Inverter	Mehta, G.; Yadav, V. K.; Verma, R.	INTELLIGENT COMMUNICATION, CONTROL AND DEVICES, ICICCD 2017	2018	2018	10.1007/978-981-10-5903-2_161
607	Design of Photovoltaic and Fuel Cells based Distributed Generation System: Entire System Survey	Mehta, Gitanjali; Yadav, Vinod Kumar	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
608	EFA-An efficient algorithm for front allocation in non-dominated sorting	Saju, Samson; Ghosh, Soumalya; Ghosh, Uttam	2018 IEEE INTERNATIONAL SYMPOSIUM ON SIGNAL PROCESSING AND INFORMATION TECHNOLOGY (ISSPIT)	2018	2018	
609	A Levy Flight Based Modified Artificial Wolf Group Technique for Transmission Line Congestion Management in Deregulated Environment	Sharma, Vatsala; Walde, Pratima; Saurabh, Kumar	PROCEEDINGS OF THE 8TH INTERNATIONAL CONFERENCE CONFLUENCE 2018 ON CLOUD COMPUTING, DATA SCIENCE AND ENGINEERING	2018	2018	
610	P300 Brain Waves Instigated Semi Supervised Video Surveillance for Inclusive Security Systems	Singh, Anurag; Jotheeswaran, Jeevanandam	ADVANCES IN BRAIN INSPIRED COGNITIVE SYSTEMS, BICS 2018	2018	2018	10.1007/978-3-030-00563-4_18
611	Designing and Simulation of S-Shaped Dielectric Resonator Antenna with Air Gap	Singh, Ranjana; Kumar, Amit	SYSTEM AND ARCHITECTURE, CSI 2015	2018	2018	10.1007/978-981-10-8533-8_20
612	Optimization of Data Centres for Heat Management	Singh, Saurabh; Anand, Abhineet; Tiwari, Rajeev	INTELLIGENT COMMUNICATION, CONTROL AND DEVICES, ICICCD 2017	2018	2018	10.1007/978-981-10-5903-2_108
613	Mining Public Opinion on Aadhaar Card Linking in India	Tomar, Nandini; Srivastava, Ritesh; Verma, J. K.	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
614	Analysing Public Sentiment on GST Implementation in India	Tomar, Nandini; Srivastava, Ritesh; Verma, J. K.	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
615	Rising Strengths Hong Kong SAR in Bioinformatics	Chakraborty, Chiranjib; Doss, C. George Priya; Zhu, Hailong; Agoramoorthy, Govindasamy	INTERDISCIPLINARY SCIENCES-COMPUTATIONAL LIFE SCIENCES	JUN 2017	2017	10.1007/s12539-016-0147-x
616	Thermal and Dielectric Properties of Chemically Modified Municipal Solid Waste and Banana Fiber Reinforced Polymer Composites	Aseer, J. Ronald; Sankaranarayanan, K.; Jayabalan, P.; Natarajan, R.; Dasan, K. Priya	ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY	MAR 2017	2017	10.1002/ep.12498
617	Risk for Big Data in the Cloud	Chitransh, Nayan; Mehrotra, Chitvan; Singh, Ajay Shanker	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
618	Optimization of K-Means clustering Using Genetic Algorithm	Irfan, Shadab; Dwivedi, Gaurav; Ghosh, Subhajit	2017 INTERNATIONAL CONFERENCE ON COMPUTING AND COMMUNICATION TECHNOLOGIES FOR SMART NATION (IC3TSN)	2017	2017	
619	Security framework using Hadoop for Big Data	Johri, Prashant; Kumar, Arun; Das, Sanjoy; Arora, Sanchita	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
620	Vitality of Big Data Analytics in Healthcare Department	Johri, Prashant; Singh, Tanya; Das, Sanjoy; Anand, Shipra	2017 INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES AND UNMANNED SYSTEMS (TRENDS AND FUTURE DIRECTIONS) (ICTUS)	2017	2017	
621	Ant Colony Optimization Routing in Mobile AdHoc Networks - A Survey Paper	Khan, Mohd. Sharique; Sharma, Vishnu	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
622	Review on Reversible Logic Circuits and its Application	Khanam, Ruqaiya; Rahman, Abdul; Pushpam	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
623	Optimizing Search Query Using Feature Thesaurus and Optimizaton Tool	Khatri, Sunil Kumar; Batham, Tanmay; Johri, Prashant	2017 INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES AND UNMANNED SYSTEMS (TRENDS AND FUTURE DIRECTIONS) (ICTUS)	2017	2017	

624	Numerical Prediction of Indentation Behavior of Metal Matrix Composites using XFEM	Shedbale, A. S.; Singh, I. V.; Mishra, B. K.; Singh, S. K.	PLASTICITY AND IMPACT MECHANICS	2017	2017	10.1016/j.proeng.2016.12.187
625	Concentration sensor based on circular lattice photonic crystal fiber placed between two single mode fibers	Bhatnagar, Abhinav; Singh, Nidhi	OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS	NOV-DEC 2016	2016	
626	India's Computational Biology Growth and Challenges	Chakraborty, Chiranjib; Bandyopadhyay, Sanghamitra; Agoramoorthy, Govindasamy	INTERDISCIPLINARY SCIENCES-COMPUTATIONAL LIFE SCIENCES	SEP 2016	2016	10.1007/s12539-016-0179-2
627	Structural, Magnetic, and Transport Properties of NiTiir Shape Memory Alloy	Dwevedi, S.; Dahilya, M. K.; Tiwari, B.	JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNETISM	AUG 2016	2016	10.1007/s10948-016-3515-1
628	Photoacoustic Spectroscopic Study of Optical Properties of Cu ₂ GeTe ₃ in Temperature Range from 80 K to 300 K	Deviprasadh, P. S.; Madhuri, W.; Verma, A. S.; Sarkar, B. K.	INTERNATIONAL JOURNAL OF THERMOPHYSICS	MAY 2016	2016	10.1007/s10765-016-2055-z
629	Quantum dynamical studies of the He + HeH ⁺ reaction using multi-configuration time-dependent Hartree approach	Bhattacharya, Sayak	COMPUTATIONAL AND THEORETICAL CHEMISTRY	JAN 15 2016	2016	10.1016/j.comptc.2015.12.018
630	Comparative Performance Analysis of AODV and DSR Routing Protocols under Wormhole Attack in Mobile Ad Hoc Network on Different Node's Speeds	Ali, Shahjahan; Nand, Parma	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
631	Data isolation in multi-tenant SaaS environment	Gupta, Keshav; Kumar, Sandeep; Agnihotri, Ojaswi	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
632	Image restoration on mammography images	Kochher, Rajesh; Oberoi, Anshu; Goel, Pallavi	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
633	Predicting Maintainability of Autonomic Software Systems using Fuzzy Logic	Kumar, Ashwini; Tyagi, Vishu	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
634	FPGA Based Design of Area Efficient Router Architecture for Network on Chip (NoC)	Kumar, Mayank; Kumar, Kishore; Gupta, Sanjiv Kumar; Kumar, Yogendera	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
635	A Comprehensive Evaluation of Aspect-Oriented Software Quality (AOSQ) Model using Analytic Hierarchy Process (AHP) Technique	Kumar, Pankaj; Singh, S. K.	2016 2ND INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION, & AUTOMATION (ICACCA) (FALL)	2016	2016	
636	Cryptanalysis of a Certificateless Aggregate Signature Scheme	Kumar, Pankaj; Sharma, Vishnu; Sharma, Gaurav	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
637	A Novel CPU Scheduling with Variable Time Quantum based on Mean Difference of Burst Time	KumarSaroj, Sushil; Sharma, Aravendra Kumar; Chauhan, Sanjeev Kumar	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
638	Incremental Checkpoint Based Failure-Aware Scheduling Algorithm in Grid Computing	Singh, Manjeet	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
639	Efficient Routing Algorithm using Sectorized Antenna for Mobile Adhoc Networks	Singh, Viomesh Kumar; Gabrani, Goldie; Dubey, Sachin	PROCEEDINGS OF THE 10TH INDIACOM - 2016 3RD INTERNATIONAL CONFERENCE ON COMPUTING FOR SUSTAINABLE GLOBAL DEVELOPMENT	2016	2016	
640	Appraising a Decade of Research in the Field of Big Data The Next Big Thing	Srivastava, Satyajee; Chaudhari, Neetu	PROCEEDINGS OF THE 10TH INDIACOM - 2016 3RD INTERNATIONAL CONFERENCE ON COMPUTING FOR SUSTAINABLE GLOBAL DEVELOPMENT	2016	2016	
641	Can the chemotherapeutic agents perform anticancer activity through miRNA expression regulation? Proposing a new hypothesis (vol 252, pg 1603, 2015)	Chakraborty, Chiranjib; Doss, C. George Priya; Sarin, Renu; Hsu, Minna J.; Agoramoorthy, Govindasamy	PROTOPLASMA	NOV 2015	2015	10.1007/s00709-015-0808-3
642	A Holistic Approach Model for Realistic Goal-setting for Efficiency Enhancement With Application to the Indian Power Sector	Yadav, V. K.; Padhy, N. P.; Gupta, H. O.	ENERGY SOURCES PART B-ECONOMICS PLANNING AND POLICY	APR 3 2015	2015	10.1080/15567249.2010.512903
643	Exploring the Genomic Roadmap and Molecular Phylogenetics Associated with MODY Cascades Using Computational Biology	Chakraborty, Chiranjib; Bandyopadhyay, Sanghamitra; Doss, C. George Priya; Agoramoorthy, Govindasamy	CELL BIOCHEMISTRY AND BIOPHYSICS	APR 2015	2015	10.1007/s12013-014-0372-z
644	Development and Validation of a NS2 Protocol for Data Security at Network Layer	Kumar, Prashant; Maheshwari, Shivangi; Dubey, Harsh Kumar	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
645	Dependency Preservation and Lossless Join Decomposition in Fuzzy Normalization	Mishra, Jaydev; De, Soumitra; Ghosh, Sharmistha	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	

646	Security Enhancement on BGP Protocol: A Literature Survey	Sharma, Priyanka; Sharma, Vishnu	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
647	Issue and challenges of online user generated reviews across social media and e-commerce website	Singh, Bharat; Das, Sanjoy; Kushwah, Saroj; Johr, Prashant	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
648	Diaspora Identities in the Works of Ananda Devi	Singh, Gitanjali	INTERNATIONAL CONFERENCE ON LANGUAGE, LITERATURE & COMMUNITY 2015	2015	2015	
649	STUDY ON CLOUD COMPUTING AND CLOUD DATABASE	Singh, Manjeet	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
650	COMPRESSION OF MRT IMAGES USING DAUBECHIES 9/7 AND THRESHOLDING TECHNIQUE	Tiwari, Prabhat Kumar; Devi, Bhanu; Kumar, Yogendera	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
651	Heirarchical Clustering in Heterogeneous Wireless Sensor Networks: A Survey	Tiwari, Twinkle; Roy, Nihar Ranjan	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
652	Discussion of Detention Storage over 2D Laboratory Watersheds at Concentration Time by Arie Ben- Zvi	Gupta, Sanjay K.; Singh, Vijay P.	JOURNAL OF HYDROLOGIC ENGINEERING	MAR 1 2014	2014	10.1061/(ASCE)HE.1943-5584.0000806
653	Gas Sensing Properties of Tin Oxide Nanopowder Synthesized via Sol Gel Route	Choudhary, Meenakshi; Mishra, V. N.; Dwivedi, R.	PHYSICS OF SEMICONDUCTOR DEVICES	2014	2014	10.1007/978-3-319-03002-9_158
654	An Enhanced Cluster-Head Selection Scheme for Distributed Heterogeneous Wireless Sensor Network	Gupta, Divyanshu; Verma, Rajesh	2014 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATIONS AND INFORMATICS (ICACCI)	2014	2014	
655	Detection of chloride and carbonation induced corrosion in reinforced concrete structures using piezo sensors via electro-mechanical impedance technique	Visalakshi, T.; Bhalla, S.; Gupta, A.	CONCRETE SOLUTIONS: PROCEEDINGS OF CONCRETE SOLUTIONS, 5TH INTERNATIONAL CONFERENCE ON CONCRETE REPAIR	2014	2014	
656	Discussion of Experimental Studies on Flow over Labyrinth Weir by B. V. Khode, A. R. Tembhurkar, P. D. Porey, and R. N. Ingle	Gupta, Sanjay K.; Singh, Vijay P.	JOURNAL OF IRRIGATION AND DRAINAGE ENGINEERING	DEC 1 2013	2013	10.1061/(ASCE)IR.1943-4774.0000588
657	Fused Converter Topology for Wind-Solar Hybrid Systems	Saha, Tripti; Kakkar, Sushma; Jha, Deependra Kumar	2013 IEEE PES ASIA-PACIFIC POWER AND ENERGY ENGINEERING CONFERENCE (APPEEC)	2013	2013	
658	Finite Element Study Of Radiative Free Convection Flow Over A Linearly Moving Permeable Vertical Surface In The Presence Of Magnetic Field	Rawat, S.; Kapoor, S.	INTERNATIONAL CONFERENCE ON MODELLING OPTIMIZATION AND COMPUTING	2012	2012	10.1016/j.proeng.2012.06.275
659	Effect of thermal radiation on Bodewadt flow in the presence of porous medium	Sunil, Deepika; Garg, Deepika; Joshi, Vimal Kumar; Sharma, Kushal; Kumar, Sanjay	PRAMANA-JOURNAL OF PHYSICS	JAN 3 2023	2023	10.1007/s12043-022-02483-z
660	Timer Entrenched Baited Scheme to Locate and Remove Attacks in MANET	Padmapriya, S.; Shankar, R.; Thiagarajan, R.; Partheeban, N.; Daniel, A.; Arun, S.	INTELLIGENT AUTOMATION AND SOFT COMPUTING	2023	2023	10.32604/iasc.2023.027719
661	An in-depth study of the electrical characterization of supercapacitors for recent trends in energy storage system	Satpathy, Sambit; Misra, Neeraj Kumar; Shukla, Dharendra Kumar; Goyal, Vishal; Bhattacharyya, Bidyut K.; Yadav, Chandra Shekhar	JOURNAL OF ENERGY STORAGE	JAN 2023	2023	10.1016/j.est.2022.106198
662	Influence of the Changing Organizational Culture on the Work Outcomes of Agile Teams in the Pandemic Era	Srinivasan, Badri; Mukherjee, Debarshi	SUSTAINABLE FINANCE, DIGITALIZATION AND THE ROLE OF TECHNOLOGY, ICBT 2021	2023	2023	10.1007/978-3-031-08084-5_44
663	New records, rare and noteworthy species of the genus Nowakowskiella (Nowakowskiellaceae, Chytridiomycota) from India	Dubey, Manish Kumar; Gajbhiye, Milind H.; Upadhyay, Ram S.	CURRENT SCIENCE	DEC 25 2022	2022	10.18520/cs/v123/i12/1462-1472
664	An SEM-Neural Network Approach for Predicting Antecedents of Online Grocery Shopping Acceptance	Singh, Ashish Kumar; Liebana-Cabanillas, Francisco	INTERNATIONAL JOURNAL OF HUMAN-COMPUTER INTERACTION		2022	10.1080/10447318.2022.2151223
665	RETRACTION: Skyline Query Optimization for Preferable Product Selection and Recommendation System (vol 117, pg 3091, 2020) (Retraction of Vol 117, Pg 3091, 2020)	Soundararajan, Rajasoundaran; Kumar, S. Rakesh; Gayathri, N.; Al-Turjman, Fadi	WIRELESS PERSONAL COMMUNICATIONS		2022	10.1007/s11277-022-10121-5
666	PVP-microneedle array for drug delivery: mechanical insight, biodegradation, and recent advances	Mangang, Keisham Nelson; Thakran, Pragati; Halder, Jitu; Yadav, Kuldeep Singh; Ghosh, Goutam; Pradhan, Deepak; Rath, Goutam; Rai, Vineet Kumar	JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION		2022	10.1080/09205063.2022.2155778
667	Enhanced protection of tomato against Fusarium wilt through biopriming with Trichoderma harzianum	Zehra, Andleeb; Aamir, Mohd; Dubey, Manish K.; Ansari, Waqar Akhtar; Meena, Mukesh; Swapnil, Prashant; Upadhyay, R. S.; Ali, Mohammad Ajmal; Al-Ghamdi, Abdullah Ahmed; Lee, Joongku	JOURNAL OF KING SAUD UNIVERSITY SCIENCE	FEB 2023	2023	10.1016/j.jksus.2022.102466

668	Transaminase-mediated chiral selective synthesis of (1R)-(3-methylphenyl)ethan-1-amine from 1-(3-methylphenyl)ethan-1-one: process minutiae, optimization, characterization and 'What If studies'	Khatik, Amol Gulab; Muley, Abhijeet Bhimrao; More, Pavankumar Ramdas; Jain, Arvind Kumar	BIOPROCESS AND BIOSYSTEMS ENGINEERING		2022	10.1007/s00449-022-02824-7
669	Citrus Essential Oils in Aromatherapy: Therapeutic Effects and Mechanisms	Agarwal, Pooja; Sebghatollahi, Zahra; Kamal, Mehnaz; Dhyan, Archana; Shrivastava, Alpna; Singh, Kiran Kumari; Sinha, Mukty; Mahato, Neelima; Mishra, Awdhesh Kumar; Baek, Kwang-Hyun	ANTIOXIDANTS	DEC 2022	2022	10.3390/antiox11122374
670	Dual adaption based evolutionary algorithm for optimized the smart healthcare communication service of the Internet of Things in smart city	Singh, Shailendra Pratap; Viriyasivatav, Wattana; Juneja, Sapna; Alshahrani, Hani; Shaikh, Asadullah; Dhiman, Gaurav; Singh, Aman; Kaur, Amandeep	PHYSICAL COMMUNICATION	DEC 2022	2022	10.1016/j.phycom.2022.101893
671	Multifunctional Ternary NLP/ZnO@L-cysteine-grafted-PANI Bionanocomposites for the Selective Removal of Anionic and Cationic Dyes from Synthetic and Real Water Samples	Bir, Ritu; Tanweer, Mohd Saquib; Singh, Meenakshi; Alam, Masood	ACS OMEGA	DEC 13 2022	2022	10.1021/acsomega.2c04936
672	Numerical Scheme with Convergence Analysis and Error Estimate for Variable Order Weakly Singular Integro-Differential Equation	Yadav, Poonam; Singh, B. P.; Alikhanov, Anatoly A.; Singh, Vineet Kumar	INTERNATIONAL JOURNAL OF COMPUTATIONAL METHODS		2022	10.1142/S0219876222500463
673	Acridine and Its Derivatives: Synthesis, Biological, and Anticorrosion Properties	Goni, Lipiar K. M. O.; Mazumder, Mohammad A. Jafar; Tripathy, Divya B.; Quraishi, Mumtaz A.	MATERIALS	NOV 2022	2022	10.3390/ma15217560
674	Neuroprotective effect of phytoconstituents via nanotechnology for treatment of Alzheimer diseases	Paramanick, Debashish; Singh, Veena Devi; Singh, Vijay Kumar	JOURNAL OF CONTROLLED RELEASE	NOV 2022	2022	10.1016/j.jconrel.2022.09.058
675	Smart Scalable ML-Blockchain Framework for Large-Scale Clinical Information Sharing	Rajawat, Anand Singh; Goyal, S. B.; Bedi, Pradeep; Simoff, Simeon; Jan, Tony; Prasad, Mukesh	APPLIED SCIENCES-BASEL	NOV 2022	2022	10.3390/app122110795
676	Ambient intelligence approach: Internet of Things based decision performance analysis for intrusion detection	Ramana, T. V.; Thirunavukkarasan, M.; Mohammed, Amin Salih; Devarajan, Ganesh Gopal; Murugan, Senthil	COMPUTER COMMUNICATIONS	NOV 1 2022	2022	10.1016/j.comcom.2022.09.007
677	Bioelectronic medicines: Therapeutic potential and advancements in next-generation cancer therapy	Singh, Arun Kumar; Awasthi, Rajendra; Malviya, Rishabha	BIOCHIMICA ET BIOPHYSICA ACTA-REVIEWS ON CANCER	NOV 2022	2022	10.1016/j.bbcan.2022.188808
678	Agro-byproduct-based hydrophobic polyurethane films/coatings: synthesis, characterization and electrochemical impedance spectroscopic analysis	Shaily, Ghosal, Anujit; Gupta, Anjali; Zafar, Fahmina; Kumar, Pankaj; Alam, Manawwer; Nishat, Nahid	IRANIAN POLYMER JOURNAL	DEC 2022	2022	10.1007/s13726-022-01104-1
679	A spotlight on alkaloid nanoformulations for the treatment of lung cancer	Sindhoor, S. M.; Naveen, N. Raghavendra; Rao, G. S. N. Koteswara; Gopan, Gopika; Chopra, Hitesh; Park, Moon Nyoo; Alshahrani, Mohammed Merae; Jose, Jobin; Bin Emran, Talha; Kim, Bonglee	FRONTIERS IN ONCOLOGY	OCT 18 2022	2022	10.3389/fonc.2022.994155
680	RETRACTION: Retraction Note: Delay sensitive aware distributed data fault recognition algorithm for distributed sensor networks (Retraction of Vol 13, Pg 1080, 2019)	Kirubakaran, J.; Prasanna Venkatesan, G. K. D.; Sampath Kumar, K.; Dhanabal, S.; Baskar, K.	PEER-TO-PEER NETWORKING AND APPLICATIONS		2022	10.1007/s12083-022-01396-3
681	Artificial Intelligence and Deep Learning Assisted Rapid Diagnosis of COVID-19 from Chest Radiographical Images: A Survey	Sinwar, Deepak; Dhaka, Vijaypal Singh; Tesfaye, Biniyam Alemu; Raghuvanshi, Ghanshyam; Kumar, Ashish; Maakar, Sunil Kr; Agrawal, Sanjay	CONTRAST MEDIA & MOLECULAR IMAGING	OCT 12 2022	2022	10.1155/2022/1306664
682	An Efficient Multispectral Image Classification and Optimization Using Remote Sensing Data	Janarthanan, S.; Ganesh Kumar, T.; Janakiraman, S.; Dhanaraj, Rajesh Kumar; Shah, Mohd Asif	JOURNAL OF SENSORS	OCT 8 2022	2022	10.1155/2022/2004716
683	Knowledge, Attitude, and Practices among HIV/Leishmaniasis Co-Infected Patients in Bihar, India	Devipriya, J. S.; Gupta, Ashok Kumar; Pavan, Garapati; Dhingra, Sameer; Murti, Krishna; Ravichandiran, Velayutham; Pandey, Krishna	AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE	OCT 2022	2022	10.4269/ajtmh.21-1294
684	Animal Models Alternatives: Desideratum during COVID-19 Pandemic	Sharma, Shaweta; Sharma, Akhil; Alam, Aftab; Gupta, Utsav	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	OCT-DEC 2022	2022	10.5530/ijper.56.4.174
685	Intelligent Adaptive Optimisation Method for Enhancement of Information Security in IoT-Enabled Environments	Singh, Shailendra Pratap; Alotaibi, Youseef; Kumar, Gyanendra; Rawat, Sur Singh	SUSTAINABILITY	OCT 2022	2022	10.3390/su142013635
686	Intelligent Water Drops Algorithm-Based Aggregation in Heterogeneous Wireless Sensor Network	Nonita, S.; Xalikovich, Pardayev Abdunabi; Kumar, C. Ramesh; Rakhra, Manik; Samori, Issah Abubakari; Maquera Maquera, Yuselino; Arias Gonzales, Jose Luis	JOURNAL OF SENSORS	SEP 28 2022	2022	10.1155/2022/6099330
687	Magnetic, Electrical and Humidity Sensing Properties of Multiferroic GdCrO3 Nanoparticles Fabricated by Metal Organic Precursor Method	Lone, Irfan H.; Khan, Huma; Wani, Irshad A.; Jain, Arvind Kumar; Ahmad, Tokeer	CHEMISTRYSELECT	SEP 20 2022	2022	10.1002/slct.202202547

688	Magnetic Nanoparticles: An Overview for Biomedical Applications	Mittal, Ashi; Roy, Indrajit; Gandhi, Sona	MAGNETOCHEMISTRY	SEP 2022	2022	10.3390/magnetochemistry8090107
689	Light Weight Deep Learning Algorithm for Voice Call Quality of Services (QoS) in Cellular Communication	Ramalingam, Mriha; Sultanuddin, S. J.; Nithya, N.; Raj, T. F. Michael; Kumar, T. Rajesh; Prasad, S. J. Suji; Al-Ammar, Essam A.; Siddique, M. H.; Udayakumar, Sridhar	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	AUG 30 2022	2022	10.1155/2022/6084044
690	A systematic overview on treatment towards endocrine disruptors	Swetanshu; Khan, Imran; Singh, Pratchi; Srinivasan, E.	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS	OCT 2022	2022	10.1016/j.seta.2022.102688
691	Aggregation Technique Using Dynamic Cross-Propagation Clustering Algorithm in Wireless Body Sensor Networks	Arulprakash, A.; Baalamurugan, K. M.; Dhanaraj, Rajesh Kumar; Kumar, K. Sampath; Gupta, Punit; Rehman, Salma	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	AUG 25 2022	2022	10.1155/2022/6102584
692	Eliminating Data Duplication in CQA Platforms Using Deep Neural Model	Rani, Seema; Kumar, Avadhesh; Kumar, Naresh	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	AUG 25 2022	2022	10.1155/2022/2067449
693	Peripheral blood cell classification using modified local-information weighted fuzzy C-means clustering-based golden eagle optimization model	Dwivedi, Avinash; Rai, Vipin; Amrita; Joshi, Shivani; Kumar, Rajiv; Pippal, Sanjeev Kumar	SOFT COMPUTING	DEC 2022	2022	10.1007/s00500-022-07392-2
694	Soft Hunting Algorithm for Auto-Tuning Software Reliability Growth Models	Rajani; Kumar, Naresh; Kaswan, Kuldeep Singh	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	AUG 17 2022	2022	10.1155/2022/3752264
695	Quality of Service-Aware Resource Selection in Healthcare IoT Using Deep Autoencoder Neural Networks	Manikandan, Ramachandran; Indu; de Albuquerque, Victor Hugo C.; Tiwari, Prayag; AlQahtani, Salman Ali; Hossain, M. Shamim	HUMAN-CENTRIC COMPUTING AND INFORMATION SCIENCES	AUG 15 2022	2022	10.22967/HICIS.2022.12.036
696	Multiresolution-Based Singular Value Decomposition Approach for Breast Cancer Image Classification	Mann, Suman; Bindal, Amit Kumar; Balyan, Archana; Shukla, Vijay; Gupta, Zatin; Tomar, Vivek; Mishra, Shahajan	BIOMED RESEARCH INTERNATIONAL	AUG 11 2022	2022	10.1155/2022/6392206
697	Observation of new mesophases and detailed QM analysis of terephthalylidene-bis-[4-n-decylaniline] liquid crystal molecule	Gupta, Deepak; Kalita, Priyanki; Bhattacharjee, Ayon	JOURNAL OF MOLECULAR STRUCTURE	DEC 5 2022	2022	10.1016/j.molstruc.2022.133815
698	Optimized pollard route deviation and route selection using Bayesian machine learning techniques in wireless sensor networks	Vanitha, C. N.; Malathy, S.; Dhanaraj, Rajesh Kumar; Nayyar, Anand	COMPUTER NETWORKS	OCT 24 2022	2022	10.1016/j.comnet.2022.109228
699	A novel optimized routing technique to mitigate hot-spot problem (NORTH) for wireless sensor network-based Internet of Things	Yadav, Suman Avdhesh; Poongoodi, T.	INTERNATIONAL JOURNAL OF COMMUNICATION SYSTEMS	NOV 10 2022	2022	10.1002/dac.5314
700	Chaos cryptosystem with optimal key selection for image encryption	Khaitan, Supriya; Sagar, Shrdha; Agarwal, Rashi	MULTIMEDIA TOOLS AND APPLICATIONS		2022	10.1007/s11042-022-13535-2
701	An efficient SVM based DEHO classifier to detect DDoS attack in cloud computing environment	Alam, Gowthul M. M.; Kumar, Jerald Nirmal S.; Mageswari, Uma R.; Raj, Michael T. F.	COMPUTER NETWORKS	OCT 9 2022	2022	10.1016/j.comnet.2022.109138
702	Heterogeneous Nanocatalyst for Biodiesel Synthesis	Yadav, Deshal; Datta, Sudipta; Saha, Sujan; Pradhan, Subhalaxmi; Kumari, Shweta; Gupta, Pavan Kumar; Chauhan, Vishal; Saw, Shiva Kumar; Sahu, Gajanan	CHEMISTRYSELECT	JUL 27 2022	2022	10.1002/slct.202201671
703	Security Protection Mechanism in Cloud Computing Authorization Model Using Machine Learning Techniques	Tiwari, Pradeep Kumar; Kannan, K.; Veeraiah, Duggineni; Ranjan, Nikhil; Singh, Jain; Alshammr, Ghalib H.; Halifa, Awal	WIRELESS COMMUNICATIONS & MOBILE COMPUTING	JUL 26 2022	2022	10.1155/2022/1907511
704	'No Country for Old Women': Female Aging in Bollywood	Kumar, Saurav	INDIAN JOURNAL OF GENDER STUDIES	OCT 2022	2022	10.1177/09715215221111137
705	AMachine Learning and Deep Learning Approach for Recognizing Handwritten Digits	Sharma, Ayushi; Bhardwaj, Harshit; Bhardwaj, Arpit; Sakalle, Aditi; Acharya, Divya; Ibrahim, Wubshet	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	JUL 15 2022	2022	10.1155/2022/9869948
706	Tree-Based and Machine Learning Algorithm Analysis for Breast Cancer Classification	Bhardwaj, Arpit; Bhardwaj, Harshit; Sakalle, Aditi; Uddin, Ziya; Sakalle, Maneesha; Ibrahim, Wubshet	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	JUL 7 2022	2022	10.1155/2022/6715406
707	Existence and Uniqueness of Nonmonotone Solutions in Porous Media Flow	Steine, Rouven; Kleiner, Tillmann; Kumar, Pradeep; Hiffer, Rudolf	AXIOMS	JUL 2022	2022	10.3390/axioms11070327
708	Deep Reinforcement Learning based reliable spectrum sensing under SSDF attacks in Radio networks	Paul, Anat; Mishra, Aneesh Kumar; Shreevastava, Shivam; Tiwari, Anoop Kumar	JOURNAL OF NETWORK AND COMPUTER APPLICATIONS	SEP 2022	2022	10.1016/j.jnca.2022.103454
709	Rapid chiral separation of potential antibiotics using supercritical fluid chromatography	Ali, Imran; Raja, Rupak; Alam, Syed Dilshad; Jain, Arvind Kumar; Yusuf, Kareem; Aljuwayid, Ahmed Muteb; Sillanpaa, Mika	CHIRALITY	OCT 2022	2022	10.1002/chir.23490
710	Trans-generational response of TiO2 nanoparticles in inducing variability and changes in biochemical pool of lentil F-2 progenies	Khan, Zeba; Shahwar, Durre; Khatoon, Bushra	JOURNAL OF BIOSCIENCES	JUN 16 2022	2022	10.1007/s12038-022-00268-5
711	Resonance attacks detection and mitigation control scheme on frequency regulation in multi-area smart grid	Kumar, Manoj; Prasad, Sheelta; Ansari, Mohammad Rashid; Mohapatra, Baibaswata	INTERNATIONAL JOURNAL OF CONTROL		2022	10.1080/00207179.2022.2087738
712	Self-Attention-Based Edge Computing Model for Synthesis Image to Text through Next-Generation AI Mechanism	Alshehri, Hamdan Ali; Junath, N.; Panwar, Poonam; Shukla, Kirti; Rahin, Saima Ahmed; Martin, R. John	MATHEMATICAL PROBLEMS IN ENGINEERING	JUN 10 2022	2022	10.1155/2022/4973535

713	A Novel Technique to Detect and Track Multiple Objects in Dynamic Video Surveillance Systems	Adimoolam, M.; Mohan, Senthikumar; John, A.; Srivastava, Gautam	INTERNATIONAL JOURNAL OF INTERACTIVE MULTIMEDIA AND ARTIFICIAL INTELLIGENCE	JUN 2022	2022	10.9781/ijimai.2022.01.002
714	Synthesis and Optimization of Rhamnolipids from Tree Borne Oils and Fats for Cosmetics Applications	Bapat, Anurag; Meshram, Ashwini; Pradhan, Subhalaxmi; Madankar, Chandu S.	JOURNAL OF SCIENTIFIC & INDUSTRIAL RESEARCH	JUN 2022	2022	
715	Modified approximation and error estimation for King's type (p, q)-BBH operators	Mursaleen, M.; Ahasan, Mohd.; Khan, Asif	APPLIED MATHEMATICS-A JOURNAL OF CHINESE UNIVERSITIES SERIES B	JUN 2022	2022	10.1007/s11766-022-4105-6
716	An IoMT-Based Federated and Deep Transfer Learning Approach to the Detection of Diverse Chest Diseases Using Chest X-Rays	Kakkar, Barkha; Johri, Prashant; Kumar, Yogesh; Park, Hyunwoo; Son, Youngdo; Shafi, Jana	HUMAN-CENTRIC COMPUTING AND INFORMATION SCIENCES	MAY 30 2022	2022	10.22967/HICIS.2022.12.024
717	Multifaceted Perspectives and Advancements of CO ₂ Capturing Switchable Polarity Solvents and Supercritical Solvents	Sharma, Anupama; Chakraborty, Pinki; Sunny; Kumar, Sandeep	MICROCHEMICAL JOURNAL	SEP 2022	2022	10.1016/j.microc.2022.107626
718	Cloud Consumerism: A Consumer-Centric Ranking Model for Efficient Service Mapping in Cloud	Garg, Neha; Navadia, Nipun R.; Laxhanpal, Anupam; Gupta, Indrajeet; Ibrahim, Wubshet; Raj, Manish	MOBILE INFORMATION SYSTEMS	MAY 2 2022	2022	10.1155/2022/5960976
719	IoB: Sensors for Wearable Monitoring and Enhancing Health Care Systems	Saravanakumar, R.; Bedi, Pradeep; Hemakesavulu, O.; Thangadurai, N.; Poornima, E.; Thangavelu, Lakshmi; Jayadevappa, D.	IEEE INSTRUMENTATION & MEASUREMENT MAGAZINE	MAY 2022	2022	10.1109/MIM.2022.9759352
720	Biosynthesis and Response of Zinc Oxide Nanoparticles against Perimplantitis Triggering Pathogens	Ting, Bernice Yii Shu; Fuloria, Neeraj Kumar; Subrimanyan, Vetriselvan; Bajaj, Sakshi; Chinni, Suresh, V; Reddy, Letbaka Veeranjanya; Sathasivam, Kathiresan, V; Karupiah, Sundram; Malviya, Rishabha; Meenakshi, Dhanalekshmi Unnikrishnan; Paliwal, Neeraj; Priya, Krishna; Fuloria, Shivkanya	MATERIALS	MAY 2022	2022	10.3390/ma15093170
721	Exergetic analysis of semi-transparent photovoltaic thermal module	Chopra, V. K.; Mishra, R. K.; Dwivedi, V. K.; Mohapatra, B.	MATERIALS TODAY-PROCEEDINGS	2022	2022	10.1016/j.matpr.2022.01.074
722	Comparative design and analysis of ISO standard bolt using polylactic acid (PLA) and alloy steel	Pandey, Shashank; Vidya, Shrikant; Suresh, P.	MATERIALS TODAY-PROCEEDINGS	2022	2022	10.1016/j.matpr.2021.12.463
723	Comparative stress analysis of round shaft with shoulder fillet using finite element and analytical method	Singh, Aditya Pratap; Vidya, Shrikant; Suresh, P.; Kumar, Amresh; Srikanth, K. S.	MATERIALS TODAY-PROCEEDINGS	2022	2022	10.1016/j.matpr.2022.02.168
724	Finite element analysis of vehicle composite propeller shaft	Singh, Ulkarsh; Yadav, Pramod Kumar; Vidya, Shrikant; Srikanth, K. S.	MATERIALS TODAY-PROCEEDINGS	2022	2022	10.1016/j.matpr.2022.01.228
725	Software based analysis of angularity error for polygonal micro-cavities produced by die-sinking EDM	Vidya, Shrikant; Wattal, Reeta; Rao, P. Venkateswara	MATERIALS TODAY-PROCEEDINGS	2022	2022	10.1016/j.matpr.2022.02.355
726	Detection and Classification of Colorectal Polyp Using Deep Learning	Tanwar, Sushama; Vijayalakshmi, S.; Sabharwal, Munish; Kaur, Manjit; AlZubi, Ahmad Ali; Lee, Heung-No	BIOMED RESEARCH INTERNATIONAL	APR 15 2022	2022	10.1155/2022/2805607
727	Impact of Crumb Rubber Concentration and Plastic Coated Aggregates on the Rheological Performance of Modified Bitumen Asphalt	Kumar, Arun; Berwal, Parveen; Al-Mansour, Abdullah, I; Khan, Mohammad Amir; Alam, Shamshad; Lee, Seongkwan Mark; Malik, Akash; Iqbal, Amjad	SUSTAINABILITY	APR 2022	2022	10.3390/su14073907
728	Dark Web Data Classification Using Neural Network	Rajawat, Anand Singh; Bedi, Pradeep; Goyal, S. B.; Kautish, Sandeep; Zhang Xihua; Aljuaid, Hanan; Mohamed, Ali Wagdy	COMPUTATIONAL INTELLIGENCE AND NEUROSCIENCE	MAR 28 2022	2022	10.1155/2022/8393318
729	Wind farm dynamic effect mitigation on power sharing and stability of MTDC grid through a supplementary controller	Prasad, Sheeta; Yadav, Omkar; Kishor, Nand	CONTROL ENGINEERING PRACTICE	JUN 2022	2022	10.1016/j.conengprac.2022.105152
730	FEBSRA: Fuzzy Trust Based Energy Aware Balanced Secure Routing Algorithm for Secured Communications in WSNs	Anitha, R.; Bapu, B. R. Tapas; Kuppusamy, P. G.; Partheeban, N.; Sasikumar, A. N.	WIRELESS PERSONAL COMMUNICATIONS	JUL 2022	2022	10.1007/s11277-022-09541-0
731	Optimal emplacement of sensors by orbit-electron theory in wireless sensor networks	Sathyamoorthy, Malathy; Kuppusamy, Sangeetha; Nayyar, Anand; Dhanaraj, Rajesh Kumar	WIRELESS NETWORKS	MAY 2022	2022	10.1007/s11276-022-02919-9
732	Improvement of Automatic Glioma Brain Tumor Detection Using Deep Convolutional Neural Networks	Altameem, Ayman; Mallikarjuna, Basetty; Saudagar, Abdul Khader Jilani; Sharma, Meenakshi; Poonia, Ramesh Chandra	JOURNAL OF COMPUTATIONAL BIOLOGY	JUN 1 2022	2022	10.1089/cmb.2021.0280
733	Characterization of Microwave-Controlled Polyacrylamide Graft Copolymer of Tamarind Seed Polysaccharide	Jha, Sheeta; Malviya, Rishabha; Fuloria, Shivkanya; Sundram, Sonali; Subramanian, Vetriselvan; Sekar, Mahendran; Sharma, Pradeep Kumar; Chakravarthi, Sri Kumar; Wu, Yuan Seng; Mishra, Neelesh; Meenakshi, Dhanalekshmi Unnikrishnan; Bhalla, Vijay; Djearmane, Sinouassane; Fuloria, Neeraj Kumar	POLYMERS	MAR 2022	2022	10.3390/polym14051037

734	Development and Validation of Stability Indicating High Performance Liquid Chromatography Method for Related Substances of Imatinib Mesylate	Pandey, K. P.; Singh, C. L.; Verma, Smita; Singh, A.; Jha, Roopali; Porwal, O.; Futoria, N.; Sharma, P. K.	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	MAR-APR 2022	2022	10.36468/pharmaceutical-sciences.940
735	A New Variant of JM Software Reliability Model	Kaswan, Kuldeep Singh; Choudhary, Sunita; Singh, Santar Pat; Pise, Anil Audumbar; Hinga, Simon Karanja	SCIENTIFIC PROGRAMMING	FEB 25 2022	2022	10.1155/2022/7257564
736	Machine Learning Techniques for Human Age and Gender Identification Based on Teeth X-Ray Images	Santosh, K. C.; Pradeep, Nijalingappa; Goel, Vikas; Ranjan, Raju; Pandey, Ekta; Shukla, Piyush Kumar; Nuagah, Stephen Jeswinde	JOURNAL OF HEALTHCARE ENGINEERING	JAN 4 2022	2022	10.1155/2022/8302674
737	Method Development and Validation of a Novel UHPLC Coupled with MS/MS System for the Estimation of Brivaracetam in Human (K2) EDTA Plasma Samples and its Application to Pharmacokinetic Study	Aalapati, Kiran Kumar; Singh, Amit; Patnaik, Ranjana S.	CURRENT PHARMACEUTICAL ANALYSIS	2022	2022	10.2174/1573412917666210503113118
738	Advancement in Nanoformulations for the Management of Diabetic Wound Healing	Bhadauria, Shailendra Singh; Malviya, Rishabha	ENDOCRINE METABOLIC & IMMUNE DISORDERS-DRUG TARGETS	2022	2022	10.2174/1871530322666220304214106
739	Unwinding Link between Coronavirus and Diabetes Patient	Bhadauria, Shailendra Singh; Malviya, Rishabha; Sharma, Pramod Kumar	ENDOCRINE METABOLIC & IMMUNE DISORDERS-DRUG TARGETS	2022	2022	10.2174/1871530322666220329150238
740	Probit Cryptographic Blockchain for Secure Data Transmission in Intelligent Transportation Systems	Dhanaraj, Rajesh Kumar; Kadry, Seifedine; Kang, Byeong-Gwon; Nam, Yunyoung	JOURNAL OF INTERNET TECHNOLOGY	2022	2022	10.53106/160792642022112306013
741	Maximisation of energy and exergy efficiencies for a sustainable thermoelectric cooling system by applying genetic algorithm	Giri, Jitendra Mohan; Nain, Pawan Kumar Singh	INTERNATIONAL JOURNAL OF EXERGY	2022	2022	10.1504/IJEX.2022.120108
742	Smart Farming Using Data Science Approach	Goel, Amit Kumar; Singh, Krishanpal; Ranjan, Rajat	THIRD INTERNATIONAL CONFERENCE ON IMAGE PROCESSING AND CAPSULE NETWORKS (ICIPCN 2022)	2022	2022	10.1007/978-3-031-12413-6_35
743	Role of Polysaccharides Mimetic Components in Targeted Cancer Treatment	Gupta, Nandan; Malviya, Rishabha	CURRENT DRUG TARGETS	2022	2022	10.2174/1389450123666220214121505
744	Facial Expression Recognition System	Kumar, Harshit; Elhance, Ayush; Nagpal, Vansh; Partheeban, N.; Baalamurugan, K. M.; Sriramulu, Srinivasan	MOBILE COMPUTING AND SUSTAINABLE INFORMATICS	2022	2022	10.1007/978-981-16-1866-6_25
745	Performance analysis of solar energy based passive water purification system	Kumar, Sanjeev; Singh, Gaurav; Singh, Desh Bandhu; Singh, H. N.; Mujumdar, Susmita	MATERIALS TODAY-PROCEEDINGS	2022	2022	10.1016/j.matpr.2021.12.187
746	Targeted Therapy Using Deep Learning Tools: State of Art Approach	Malviya, Rishabha; Verma, Swati	CURRENT DRUG TARGETS	2022	2022	10.2174/1389450123666220513110432
747	Hate Speech Detection Model Using Bag of Words and Naive Bayes	Pandey, Yogesh; Sharma, Monika; Siddiqui, Mohammad Kashaf; Yadav, Sudeept Singh	ADVANCES IN DATA AND INFORMATION SCIENCES	2022	2022	10.1007/978-981-16-5689-7_40
748	Statistical Measurement of Software Reliability Using Meta-Heuristic Algorithms for Parameter Estimation	Rajani; Kumar, Naresh; Kaswan, Kuldeep Singh	INNOVATIVE DATA COMMUNICATION TECHNOLOGIES AND APPLICATION, ICIDCA 2021	2022	2022	10.1007/978-981-16-7167-8_55
749	Comprehensive analysis of energy efficient secure routing protocol over sensor network	Saxena, Mohit Chandra; Banu, Firdouse; Shrivastava, Anurag; Thyagaraj, M.; Upadhyay, Shrikant	MATERIALS TODAY-PROCEEDINGS	2022	2022	10.1016/j.matpr.2022.04.857
750	A Post-Processing Algorithm for Boosting Contrast of MRI Images	Shan, B. Priestly; Shiney, O. Jeba; Saleem, Sharzeel; Rajinikanth, V; Zaguia, Atef; Singh, Dilbag	CMC-COMPUTERS MATERIALS & CONTINUA	2022	2022	10.32604/cmc.2022.023057
751	Potent gamma-amino butyric acid producing psychobiotic Lactococcus lactis LP-68 from non-rhizospheric soil of Syzygium cumini (Black plum)	Sharma, Pushpendra; Singh, Neera; Singh, Surender; Khare, Sunil Kumar; Nain, Pawan Kumar Singh; Nain, Lata	ARCHIVES OF MICROBIOLOGY	JAN 2022	2022	10.1007/s00203-021-02629-4
752	Effect of Biodiesel on Engine Performance and Emissions	Singh, Anna Raj; Singh, Sudhir Kumar; Jain, Siddharth	ADVANCEMENT IN MATERIALS, MANUFACTURING AND ENERGY ENGINEERING, VOL. II, ICAMME 2021	2022	2022	10.1007/978-981-16-8341-1_31
753	Data Security Through Fog Computing Paradigm Using IoT	Singh, Jayant Kumar; Goel, Amit Kumar	PROCEEDINGS OF ACADEMIA-INDUSTRY CONSORTIUM FOR DATA SCIENCE (AICDS 2020)	2022	2022	10.1007/978-981-16-6887-6_9
754	A Novel Multi-Objective Optimization Based Evolutionary Algorithm for Optimize the Services of Internet of Everything	Singh, Shailendra Pratap; Dhiman, Gaurav; Viriyasitavat, Wattana; Kautish, Sandeep	IEEE ACCESS	2022	2022	10.1109/ACCESS.2022.3209389
755	Role of Artificial Intelligence in Cancer Diagnosis and Drug Development	Srivastava, Shubham; Paliwal, Deepika	COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING	2022	2022	10.2174/1386207325666220304112914
756	MICROWAVE SYNTHESIS, CHARACTERIZATION AND PROPERTIES EVALUATION OF GEMINI IMIDAZOLINE SURFACTANTS BASED ON DIBROMOPROPANE	Tripathy, Divya Bajpai; Kumari, Mayuri	SURFACE REVIEW AND LETTERS	JAN 2022	2022	10.1142/S0218625X22500135
757	A comparative analysis of melanoma detection methods based on computer aided diagnose system	Warsi, Mohd Firoz; Chauhan, Usha; Gupta, Shiv Narain; Tiwari, Priyesh	MATERIALS TODAY-PROCEEDINGS	2022	2022	10.1016/j.matpr.2021.10.137

758	A Centralized Mechanism for Preventing DDOS Attack in Wireless Sensor Networks	Dhamodharan, Udaya Suriya Rajkumar; Rajendran, Sathiyaraj; Sundaramoorthy, Raj Anand; Thirunavukkarasan, M.	WIRELESS PERSONAL COMMUNICATIONS	MAY 2022	2022	10.1007/s11277-021-09401-3
759	Early-Stage Brown Spot Disease Recognition in Paddy Using Image Processing and Deep Learning Techniques	Upadhyay, Santosh Kumar; Kumar, Avadhesh	TRAITEMENT DU SIGNAL	DEC 2021	2021	10.18280/ts.380619
760	Robust Security With Strong Authentication in Mobile Cloud Computing Based on Trefoil Congruity Framework	Kumar, Jerald Nirmal S.; Ravimaran, S.; Sathish, A.	JOURNAL OF ORGANIZATIONAL AND END USER COMPUTING	NOV-DEC 2021	2021	10.4018/JOEUC.20211101.0a11
761	Recent Development in Nuclear Magnetic Resonance as a Technique for Quantitative Method Validation	Sahu, R.; Kumar, A.; Mishra, Rakhi; Majee, Chandana; Kumar, R.	INDIAN JOURNAL OF PHARMACEUTICAL SCIENCES	NOV-DEC 2021	2021	10.36468/pharmaceutical-sciences.865
762	Different classes ratio and Laplace summation operator based intuitionistic fuzzy rough attribute selection	Shreevastava, S.; Singh, S.; Tiwari, A. K.; Som, T.	IRANIAN JOURNAL OF FUZZY SYSTEMS	NOV-DEC 2021	2021	
763	Pharmacophore modeling, docking and the integrated use of a ligand- and structure-based virtual screening approach for novel DNA gyrase inhibitors: synthetic and biological evaluation studies	Mathpal, Deepti; Masand, Mukesh; Thomas, Anisha; Ahmad, Irfan; Saeed, Mohd; Zaman, Gaffar Sarwar; Kamal, Mehnaz; Jawaid, Talha; Sharma, Pramod K.; Gupta, Madan M.; Kumar, Santosh; Srivastava, Swayam Prakash; Balaramnavar, Vishal M.	RSC ADVANCES	OCT 25 2021	2021	10.1039/d1ra05630a
764	Analysis and simulation of handwritten recognition system	Moinuddin, Siddiqui Mohammad Khaja; Kumar, Suneet; Jain, Arvind Kumar; Ahmed, Sayeed	MATERIALS TODAY-PROCEEDINGS	2021	2021	10.1016/j.matpr.2021.05.021
765	Secure and Consistent Job Administration Using Encrypted Data Access Policies in Cloud Systems	Nagasubramanian, Gayathri; Sakthivel, Rakesh Kumar; Al-Turjman, Fadi	COMPUTERS & ELECTRICAL ENGINEERING	DEC 2021	2021	10.1016/j.compeleceng.2021.107520
766	Enhanced quantum capacitance in 3d-transition metal porphyrin functionalized graphene	Khan, Md Shahzad; Guo, Qing; Slough, William; Srivastava, Anurag; Pandey, Ravindra	MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS	OCT 2021	2021	10.1016/j.mseb.2021.115384
767	A Comparative Study for Elastodynamic Response of Thermal Source in Three-phase-lag Orthotropic Thermoelastic Material	Shekhar, S.; Rani, L.	SILICON	JUN 2022	2022	10.1007/s12633-021-01274-2
768	Isolation of new phytometabolites from Alpinia galanga wild rhizomes	Sharma, Pradeep Kumar; Futoria, Shivkanya; Ali, Mohammed; Singh, Amit; Kushwaha, Shekhar Prakash; Sharma, Vijay Kumar; Subramanian, Vetriseivan; Futoria, Neeraj Kumar	PAKISTAN JOURNAL OF PHARMACEUTICAL SCIENCES	JUL 2021	2021	10.36721/PJPS.2021.34.4.REG.1397-1401.1
769	Guest editorial: Cognitive models for peer to peer networking in 5G and beyond networks and systems	Budati, Anil Kumar; Ghinea, George; Yadav, Dileep Kumar; Ranipet, Hafeez Basha	PEER-TO-PEER NETWORKING AND APPLICATIONS	SEP 2021	2021	10.1007/s12083-021-01211-5
770	A Fully Validated UHPLC-MS/MS Method for the Estimation of Pimavanserin in Human (K(2) EDTA) Plasma and its Application to a Clinical Pharmacokinetic Study	Aalapati, Kiran Kumar; Singh, Amit; Patnaik, Ranjana S.	JOURNAL OF CHROMATOGRAPHIC SCIENCE	APR 28 2022	2022	10.1093/chromsci/bmab069
771	Design of microstrip patch antenna for Ka-band (26.5-40 GHz) applications	Singh, Dhananjay; Choudhary, Surya Deo; Mohapatra, B.	MATERIALS TODAY-PROCEEDINGS	2021	2021	10.1016/j.matpr.2020.11.805
772	Multi-mode Resonator based Concurrent Triple-band Band pass Filter with Six Transmission Zeros for Defence/Intelligent Transportation Systems Application	Tripathi, Shivesh; Mohapatra, B.; Tiwari, Prabhaker; Tripathi, V. S.	DEFENCE SCIENCE JOURNAL	MAY 2021	2021	10.14429/dsj.71.16110
773	Energy-Based Combined Nonlinear Observer and Voltage Controller for a PMSG Using Fuzzy Supervisor High Order Sliding Mode in a Marine Current Power System	Belkhir, Youcef; Achour, Abdelyazid; Shaw, Rabindra Nath; Ullah, Nasim; Chowdhury, Md. Shahnariar; Techato, Kuanan	SUSTAINABILITY	APR 2021	2021	10.3390/su13073737
774	Synthesis of novel alkylphosphonates as promising antimicrobial drugs: Computational molecular docking studies	Shaik, Nayab Rasool; Kerru, Nagaraju; Chinha, Venkataramaiah; Khatana, Kavita; Sirigiri, Divijendra Natha Reddy; Chinnam, Sampath; Chamarthi, Naga Raju	PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS	AUG 30 2021	2021	10.1080/10426507.2021.1904925
775	Mechanics of environmental concern of car buyers in India	Vatsa, Madhuranjan; Chaudhary, Sarita; Dharwal, Mridul	MATERIALS TODAY-PROCEEDINGS	2021	2021	10.1016/j.matpr.2020.07.697
776	Effect of local fluid flow and loose boundary on wave propagation through interface between double porosity solid and cracked elastic solid	Shekhar, Sushant	WAVES IN RANDOM AND COMPLEX MEDIA		2021	10.1080/17455030.2021.1883768
777	Comparative Analysis of Serverless Solutions from Public Cloud Providers	Baid, Darshan; Goel, Pallavi Murghai; Bhardwaj, Pragya; Singh, Astha; Tyagi, Vishu	INFORMATION, COMMUNICATION AND COMPUTING TECHNOLOGY (ICICCT 2021)	2021	2021	10.1007/978-3-030-88378-2_6
778	A review of Various Techniques for Forecasting Pollution and Air Quality Indexing	Beriwal, Snehlata; John, A.	PROCEEDINGS OF THE 2021 FIFTH INTERNATIONAL CONFERENCE ON I-SMAC (IOT IN SOCIAL, MOBILE, ANALYTICS AND CLOUD) (I-SMAC 2021)	2021	2021	10.1109/I-SMAC52330.2021.9640887

779	An approach to detect offence in Memes using Natural Language Processing(NLP) and Deep learning	Giri, Roushan Kumar; Gupta, Subhash Chandra; Gupta, Umesh Kumar	2021 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI)	2021	2021	10.1109/ICCCI50826.2021.9402406
780	Design & Development of Portable Vata, Pitta & Kapha [VPK] Pulse Detector to Find Prakriti of an Individual using Artificial Neural Network	Joshi, Sonali; Bajaj, Preeti	2021 6TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2021	2021	10.1109/I2CT51068.2021.9418155
781	Influence of superimposition of high frequency current to CC-GTAW and PC-GTAW welding producing superior characteristics of weld joints of SDSS	Kumar, Rajeev; Chattopadhyaya, Somnath; Agarwal, B. P.; Kumar, Sanjeev; Devakumaran, K.	INTERNATIONAL JOURNAL OF MATERIALS & PRODUCT TECHNOLOGY	2021	2021	10.1504/JMPT.2021.118354
782	An Authenticated Trust Based Security Mechanism for Video Transmission in Wireless Mesh Networks	Loret, J. B. Shajilin; Kumar, T. Ganesh	JOURNAL OF INTERNET TECHNOLOGY	2021	2021	10.53106/160792642021072204004
783	An Improved Trust Based Energy Efficient Routing Protocol for Wireless Sensor Networks	Loret, J. B. Shajilin; Kumar, T. Ganesh	JOURNAL OF INTERNET TECHNOLOGY	2021	2021	10.53106/160792642021122207005
784	Development of Efficient E-Health Records Using IoT and Blockchain Technology	Mallikarjuna, Basetty; Kiranmayee, D.; Saritha, V; Krishna, P. Venkata	IEEE INTERNATIONAL CONFERENCE ON COMMUNICATIONS (ICC 2021)	2021	2021	10.1109/ICC42927.2021.9500390
785	Automated Text Categorization	Patel, Atul; Pathak, Samprati; Khan, Md Irfan	ICSPC'21: 2021 3RD INTERNATIONAL CONFERENCE ON SIGNAL PROCESSING AND COMMUNICATION (ICPSC)	2021	2021	10.1109/ICSPC51351.2021.9451670
786	Ruzicka Indexed Regressive Homomorphic Ephemeral Key Benaloh Cryptography for Secure Data Aggregation in WSN	Pichumani, Saravanakumar; Sundararajan, T. V. P.; Dhanaraj, Rajesh Kumar; Nam, Yunyoung; Kadry, Seifedine	JOURNAL OF INTERNET TECHNOLOGY	2021	2021	10.53106/160792642021112206008
787	Cost-enabled QoS aware task scheduling in the cloud management system	Rajavel, Rajkumar; Ravichandran, Sathish Kumar; Nagappan, Partheeban; Venu, Sivakumar	JOURNAL OF INTELLIGENT & FUZZY SYSTEMS	2021	2021	10.3233/IJFS-189881
788	Android-Based Chat Application Using Firebase	Shukla, Sanskar; Gupta, Subhash Chandra; Mishra, Praveen	2021 INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION AND INFORMATICS (ICCCI)	2021	2021	10.1109/ICCCI50826.2021.9402510
789	Energy Efficient Ambience Awake Routing with OpenFlow Approach	Valiveti, Hima Bindu; Ganesh, S. N., V; Kumar, Budati Anil; Yadav, Dileep Kumar	CMC-COMPUTERS MATERIALS & CONTINUA	2021	2021	10.32604/cmc.2021.014690
790	Traffic Violation Detection Model Using Soft Computing Tools	Wankhede, Sanjay S.; Bajaj, Preeti	2021 6TH INTERNATIONAL CONFERENCE FOR CONVERGENCE IN TECHNOLOGY (I2CT)	2021	2021	10.1109/I2CT51068.2021.9417887
791	A Comparison of Simplified One-Dimensional and Two-Dimensional Analytical Models for Predicting Metallic Recuperator Performance	Sharma, Harshdeep; Goel, Varun	JOURNAL OF HEAT TRANSFER-TRANSACTIONS OF THE ASME	DEC 1 2020	2020	10.1115/1.4048087
792	Design of RF Receiver Front-end Subsystems with Low Noise Amplifier and Active Mixer for Intelligent Transportation Systems Application	Tripathi, Shivesh; Mohapatra, B.; Tiwari, Prabhakar; Pathak, N. P.; Parida, M.	DEFENCE SCIENCE JOURNAL	NOV 2020	2020	10.14429/dsj.70.13917
793	Fashioning China: Precarious creativity and women designers in shanzhai culture	Parihar, Tasha Singh	CHINESE JOURNAL OF COMMUNICATION	OCT 1 2020	2020	10.1080/17544750.2020.1838764
794	A novel approach to minimize classifier computational overheads in Big Data using neural networks	Daniel, A.; Baalamurugan, K. M.	PHYSICAL COMMUNICATION	OCT 2020	2020	10.1016/j.phycom.2020.101130
795	Quadracaea mediterranea, a new record from Kumaun Himalaya region, India	Dubey, Manish Kumar; Upadhyay, Ram Sanmukh; Shah, Zoya; Arya, Dhani; Gupta, Ramesh Chandra	MYCOTAXON	OCT-DEC 2020	2020	10.5248/135.797
796	Achlya bisexualis (Achlyaceae, Saprolegniales, Oomycota) - A new record for India	Dubey, Manish K.; Gajbhiye, Milind H.; Upadhyay, Ram S.	NOVA HEDWIGIA	AUG 2020	2020	10.1127/nova_hedwigia/2020/0589
797	Efficient coverage greedy packet stateless routing in wireless sensor networks	Sivaram, M.; Rohini, R.; Rajanarayanan, S.; Maseleno, Andino; Mohammed, Amin Salih; Ibrahim, Banar Fareed; Goel, Pallavi M.	MEASUREMENT & CONTROL	AUG 2020	2020	10.1177/0020294020932359
798	Contamination of Heavy Metals in Human Fingernails due to Occupational Exposure in Agra, India	Sharma, Shashank; Dhingra, Priyanka; Sisodia, Narendra S.	TRANSACTIONS OF THE INDIAN INSTITUTE OF METALS	SEP 2020	2020	10.1007/s12666-020-02029-0
799	Is Covid-19 Sibling of SARS AND MERS? A Review on: Novel Covid-19	Devi, Savita; Singh, Kamaldeep	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	JUL-SEP 2020	2020	10.5530/ijper.54.3.97
800	Gelatin grafted poly(D,L-lactide) as an inhibitor of protein aggregation: Anin vitro study	Balavigneswaran, Chelladurai Karthikeyan; Kumar, Gaurav; Kumar, Chandrasekaran Vignesh; Sellamuthu, Satheshkumar; Kasiviswanathan, Uvanesh; Ray, Biswajit; Muthuvijayan, Vignesh; Mahto, Sanjeev Kumar; Misra, Nira	BIOPOLYMERS	AUG 2020	2020	10.1002/bip.23383

801	Influence of various sintering parameters and the temperature dependent scaling on the dynamic hysteresis behavior of Ba(0.9)Ca(0.05)Sr(0.05)T(0.85)Zr(0.15)O(3)ceramics	Suresh, P.; Mathiyalagan, P.; Srikanth, K. S.	MULTIDISCIPLINE MODELING IN MATERIALS AND STRUCTURES	JAN 4 2021	2021	10.1108/MMMS-10-2019-0185
802	Designing Rear View Mirror of Car Using CFD and Reverse Engineering	Chauhan, Balendra V. S.; Vedtrnam, Ajitanshu; Pratap, Virendra	JOURNAL OF THE CHINESE SOCIETY OF MECHANICAL ENGINEERS	JUN 2020	2020	
803	Enhanced Biodecolorization of Synthetic Textile Dyes by NTG Mutagenesis	Pandey, Badri, V.; Dubey, Manish K.; Upadhyay, Ram S.	NATIONAL ACADEMY SCIENCE LETTERS-INDIA	JUN 2020	2020	10.1007/s40009-019-00858-2
804	Divide and compress discrete cosine lossless compression coder to reduce dimensionality of test data	Prema, N. K.; Sivaram, M.; Kousik, N., V	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	JUN 2021	2021	10.1007/s12652-020-02124-6
805	Response of ramp-type heating in a monoclinic generalized thermoelastic material	Rani, Leena; Shekhar, Sushant	MULTIDISCIPLINE MODELING IN MATERIALS AND STRUCTURES	OCT 8 2020	2020	10.1108/MMMS-12-2019-0214
806	Optimization of in-situ Nanoparticulate Gel of Ofloxacin using Factorial Design to Improve Treatment Strategy for Conjunctivitis and Corneal Ulcers	Sharma, Akhil; Sharma, Shaweta; Tomar, Dimple Singh	INDIAN JOURNAL OF PHARMACEUTICAL EDUCATION AND RESEARCH	APR-JUN 2020	2020	10.5530/ijper.54.2.33
807	Rapid Determination of Nitrate in Brain Regions and Cerebrospinal Fluid of Transient Bilateral Common Carotid Artery Occlusion Rat Model by HPLC-UV	Kumar, Gaurav; Mukherjee, Sumedha; Kumar, Santosh; Patnaik, Ranjana	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES INDIA SECTION A-PHYSICAL SCIENCES	JUN 2021	2021	10.1007/s40010-020-00666-0
808	Energy-Aware WBAN for Health Monitoring Using Critical Data Routing (CDR) (vol 48, pg 325, 2019)	Sagar, Anil Kumar; Singh, Shivangi; Kumar, Avadhesh	WIRELESS PERSONAL COMMUNICATIONS	MAY 2020	2020	10.1007/s11277-020-07191-8
809	Passivity-Based Linear Feedback Current Controller of Wind Conversion System Based Permanent Magnet Synchronous Generator	Belkhier, Youcef; Achour, Abdelyazid; Shaw, Rabindra Nath	2020 SEVENTH INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY TRENDS (ITT 2020)	2020	2020	
810	Effect of Trivalent Ions Containing Layered Hydroxide Acetate on the Thermal Stability and Flame Retardancy of Poly (methyl methacrylate) Composite	Chakraborty, Pinki; Nagarajan, Rajamani	INTERNATIONAL CONFERENCE ON TRENDS IN MATERIAL SCIENCE AND INVENTIVE MATERIALS (ICTMIM 2020)	2020	2020	10.1063/5.0015653
811	Design of Low Power Montgomery Multiplier Using Clock Technique	Khanam, Ruqaiya; Khan, Ramsha; Parashar, Pragati	ADVANCES IN BIOINFORMATICS, MULTIMEDIA, AND ELECTRONICS CIRCUITS AND SIGNALS	2020	2020	10.1007/978-981-15-0339-9_1
812	Analytic for Temperature and Humidity - Cloud based Forecasting and Dashboard	Kolhe, Mukul; Paturkar, Roshan; Sahu, Umesh; Pillai, Sofia; Tilamare, Abhijit	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON INTELLIGENT COMPUTING AND CONTROL SYSTEMS (ICICCS 2020)	2020	2020	
813	Relative Estimate of Revised Cardiovascular Risk Combining Traditional and Non-traditional Image-based CV Markers: A Kerala Based Study	Paul, Paulin; George, Noel; Shan, B. Priestly	CURRENT MEDICAL IMAGING	2020	2020	10.2174/1573405616666200218125539
814	Hybrid HSW Based Zero Watermarking for Tampering Detection of Text Contents	Saeed, Fatek; Dixit, Anurag	PROCEEDING OF THE INTERNATIONAL CONFERENCE ON COMPUTER NETWORKS, BIG DATA AND IOT (ICCB1-2018)	2020	2020	10.1007/978-3-030-24643-3_96
815	Performance of Routing Protocols in Different WANET'S Terrain Size with Reference of Channel Capacity	Varshney, Pankaj Kumar; Johri, Prashant; Das, Sanjoy; Wadhvani, Ganesh	PROCEEDINGS OF ICETIT 2019: EMERGING TRENDS IN INFORMATION TECHNOLOGY	2020	2020	10.1007/978-3-030-30577-2_6
816	EDM Process by Using Copper Electrode with INCONEL 625 Material	Yuvaraj, N.; Raja, R. Arshath; Palanivel, Prakash; Kousik, N. V.	6TH INTERNATIONAL CONFERENCE ON ADVANCED ENGINEERING AND TECHNOLOGY (ICAET 2019)	2020	2020	10.1088/1757-899X/811/1/012011
817	A Unified AC-MTDC Power-Flow Algorithm with IDCPCF	Khan, Shagufta; Bhowmick, Suman; Ahmad, Taufiq	ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING	AUG 2019	2019	10.1007/s13369-018-3637-9
818	Biosensors for Epilepsy Management: State-of-Art and Future Aspects (vol 19, 1525, 2019)	Tiwari, Shivani; Sharma, Varsha; Mujawar, Mubarak; Mishra, Yogendra Kumar; Kaushik, Ajeet; Ghosal, Anujit	SENSORS	AUG 1 2019	2019	10.3390/s19153288
819	A constant loop bandwidth in delta sigma fractional-N PLL frequency synthesizer with phase noise cancellation	Hati, Manas Kumar; Bhattacharyya, Tarun Kanti	INTEGRATION-THE VLSI JOURNAL	MAR 2019	2019	10.1016/j.vlsi.2018.12.003
820	WIDER Face Challenge using Multi-Task Cascading Neural Network	Chauhan, Aajad; Varghese, Baizel Kurian; Rahman, L. M. Abdul; Mohapatra, Vishweswar; Badal, Tapas	PROCEEDINGS OF THE 2019 IEEE 9TH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING (IACC 2019)	2019	2019	
821	Adversarial Impact on Anomaly Detection in Cloud Datacenters	Deka, Pratyush Kr.; Bhuyan, Monowar H.; Kadobayashi, Youki; Elmroth, Erik	2019 IEEE 24TH PACIFIC RIM INTERNATIONAL SYMPOSIUM ON DEPENDABLE COMPUTING (PRDC 2019)	2019	2019	10.1109/PRDC47002.2019.00049
822	A Grid based Approach for Handwritten Text Segmentation	Ghosh, Soumalya; Gupta, Umesh Kumar; Ghosh, Uttam; Shetty, Sachin	2019 IEEE SOUTHEASTCON	2019	2019	
823	Study of Various Technologies in Solar Power Generation	Gupta, Siddharth; Tiwari, Pratibha; Singh, Komal	HARMONY SEARCH AND NATURE INSPIRED OPTIMIZATION ALGORITHMS	2019	2019	10.1007/978-981-13-0761-4_49

824	Synaptic behaviour of memristor model and its analysis of power and data transfer rate	Khalid, Muhammad; Ansari, Mohammad Rashid; Ahmed, Sumair Faisal	2019 INTERNATIONAL CONFERENCE ON POWER ELECTRONICS, CONTROL AND AUTOMATION (ICPECA-2019)	2019	2019	
825	An Improved Communications in Cyber Physical System Architecture, Protocols and Applications	Madhan, E. S.; Ghosh, Uttam; Tosh, Deepak K.; Mandal, K.; Murali, E.; Ghosh, Soumalya	2019 16TH ANNUAL IEEE INTERNATIONAL CONFERENCE ON SENSING, COMMUNICATION, AND NETWORKING (SECON)	2019	2019	
826	Optimizing Autonomous Vehicles to Prevent On-Road Congestion	Mittal, Gaurav; Sharma, Mayank; Khatri, Sunil Kumar; Johri, Prashant	PROCEEDINGS 2019 AMITY INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE (AICAI)	2019	2019	
827	Automatic Edge Detection and Growth Prediction of Pleural Effusion Using Raster Scan Algorithm	Rameshkumar, C.; Hemlathadhevi, A.	PROCEEDINGS OF INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND DATA ENGINEERING (ICIDE 2018)	2019	2019	10.1007/978-981-13-6459-4_9
828	Formation and Luminescence Studies of SrGd _{1.94} Dy _{0.06} O ₄ Host to Investigate Its Suitability for Display and Dosimetric Applications	Singh, Jyoti; Dubey, Vikas; Chakraborty, Pinki; Tripathi, Achla	ADVANCES IN BASIC SCIENCES (ICABS 2019)	2019	2019	10.1063/1.5122499
829	Microstructural, pyroelectric and energy storage performance of rare earth doped Ba-0.15 R-0.70 Ca-0.15 Zr _{0.1} Ti _{0.9} O-3 (R=Ce, La & Gd) lead-free ceramics	Srikanth, K. S.; Mishra, Umesh; Modi, Yash; Srivastava, Vedanshu Shankar; Gupta, Rohit	ADVANCES IN BASIC SCIENCES (ICABS 2019)	2019	2019	10.1063/1.5122428
830	To Identify Visible or Non-visible-Based Vehicular Ad Hoc Networks Using Proposed BBICR Technique	Suresh, Kallam; Rizwan, Patan; Balamurugan, Balusamy; Rajasekharababu, M.; Sreeji, S.	ADVANCES IN COMPUTER COMMUNICATION AND COMPUTATIONAL SCIENCES, IC4S 2018	2019	2019	10.1007/978-981-13-6861-5_12
831	Biofriendly and green biocomposites based on poly (epsilon-caprolactone); post-yield fracture, crystallization, rheological and micromechanical behaviors	Tripathi, Achla; Maliti, S. N.; Jacob, Josemon; Singh, Jyoti; Chakraborty, Pinki	ADVANCES IN BASIC SCIENCES (ICABS 2019)	2019	2019	10.1063/1.5122403
832	Mortality Prediction using Machine Learning Techniques: Comparative Analysis	Verma, Akash; Goyal, Shreya; Thakur, Shridhar Kumar; Gupta, Archit; Gupta, Indrajeet	PROCEEDINGS OF THE 2019 IEEE 9TH INTERNATIONAL CONFERENCE ON ADVANCED COMPUTING (IACC 2019)	2019	2019	
833	An Analytical Time-Domain Channel Characterization of UWB Propagation in Railway Environment	Bansal, Bajrang; Jain, Nitin; Soni, Sanjay; Mishra, Vimal Kumar	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
834	Performance Evaluation Space-Time Interest Points Using Branching Particle Filters	Chaudhary, Nisha; Verma, Mukesh Kumar; Jha, Saurabh Kumar	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
835	A High Power GaN MMIC 36.5 Watt X Band Power Amplifier	Hati, Manas Kumar; Bhattacharyya, Tarun K.	PROCEEDINGS OF TENCON 2018 - 2018 IEEE REGION 10 CONFERENCE	2018	2018	
836	A New Open Loop Linearization Technique for Power Amplifier Circuit in MMIC for 5G Wireless Backhaul Application	Hati, Manas Kumar; Bhattacharyya, Tarun K.	PROCEEDINGS OF TENCON 2018 - 2018 IEEE REGION 10 CONFERENCE	2018	2018	
837	Empirical system of image enhancement for digital microscopic pneumonia bacteria images	Kumar, Ganesh T.; Asha, V; Manish, T. I; Muthulakshmi, G.	BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY	2018	2018	10.4149/BLL_2018_096
838	Residual Stress analysis of Equilateral Triangular Sectioned bar of Linear Work-Hardening Materials under Torsional Loading	Lal, Radha Krishna; Choubey, Vikas Kumar; Dwivedi, J. P.; Yadav, Anurag; Singh, V. P.	MATERIALS TODAY-PROCEEDINGS	2018	2018	10.1016/j.matpr.2017.11.568
839	Study and Analysis of Meshfree Methods in elastic-plastic Torsion Problem	Lal, Radha Krishna; Choubey, Vikas Kumar; Dwivedi, J. P.; Sinha, Sudhanshu; Gond, S. P.	MATERIALS TODAY-PROCEEDINGS	2018	2018	
840	Residual Stress analysis in Torsion of Elliptical Sectioned bar of Non-Linear Work- Hardening Materials	Lal, Radha Krishna; Choubey, Vikas Kumar; Dwivedi, J. P.; Kumar, Shravan; Shah, S. K.	MATERIALS TODAY-PROCEEDINGS	2018	2018	10.1016/j.matpr.2017.12.199
841	Residual Stress analysis of Triangular Sectioned bar of Non-Linear Work-Hardening Materials under Torsional Loading	Lal, Radha Krishna; Choubey, Vikas Kumar; Dwivedi, J. P.; Srivastava, S. K.	MATERIALS TODAY-PROCEEDINGS	2018	2018	10.1016/j.matpr.2018.01.136
842	Impact of Renewable Distributed Generators in Competitive Electricity Markets Considering Economic Factors	Mehta, Gitanjali; Yadav, Vinod Kumar	2018 IEEE INTERNATIONAL CONFERENCE ON POWER ELECTRONICS, DRIVES AND ENERGY SYSTEMS (PEDES)	2018	2018	
843	A Clustering Techniques to Detect E-mail Spammer and Their Domains	Patel, Kavita; Dubey, Sanjay Kumar; Singh, Ajay Shanker	INFORMATION AND COMMUNICATION TECHNOLOGY FOR INTELLIGENT SYSTEMS (ICTIS 2017) - VOL 2	2018	2018	10.1007/978-3-319-63645-0_71
844	Digital Watermarking Techniques for Content Integrity on E-Learning Systems	Saeed, Fatek; Dixit, Anurag	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
845	A Future's Dominant Technology Blockchain: Digital Transformation	Saini, Kavita	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	

846	Electric Power Generation from Piezoelectric System under Several Configurations	Shivi; Varshney, Lokesh; Mishra, Ashwini; Joshi, Sapna	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
847	Comparison between Several Mitigation Techniques of Inrush Current in Transformer	Varshney, Lokesh; Meenakshi; Joshi, Sapna; Debnath, Dilip	2018 INTERNATIONAL CONFERENCE ON COMPUTING, POWER AND COMMUNICATION TECHNOLOGIES (GUCON)	2018	2018	
848	Susceptibility and comparative bioassay study for determination of fluconazole concentrations in Candida spp. by broth macrodilution and disc diffusion methods	Singh, Amit; Sharma, Pramod Kumar; Majumdar, Dipak Kanti	INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY	JUN 2017	2017	
849	Micro-Environmental Signature of The Interactions between Druggable Target Protein, Dipeptidyl Peptidase-IV, and Anti-Diabetic Drugs	Chakraborty, Chiranjib; Mallick, Bidyut; Sharma, Ashish Ranjan; Sharma, Garima; Jagga, Supriya; Doss, C. George Priya; Nam, Ju-Suk; Lee, Sang-Soo	CELL JOURNAL	SPR 2017	2017	
850	Geometrical Nonlinearity of 14-node Brick Finite Element	Chandan, Swet; Chauhan, Alok P. S.	MATHEMATICAL SCIENCES AND ITS APPLICATIONS	2017	2017	10.1063/1.4973253
851	Assessing the performance of partially shaded photovoltaic array under different radiations	Danish, Syed; Mehta, Gitanjali; Yadav, Vinod Kumar	2017 8TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)	2017	2017	
852	Energy Efficient Routing Protocol for Linear Wireless Sensor Network	Das, Abhijeet; Swaroop, Abhishek	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
853	Optimization of Information Retrieval Using Evolutionary Computation: A Survey	Irfan, Shadab; Ghosh, Subhajit	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
854	Advanced Patient Matching: Recognizable Patient View for Decision Support in Healthcare using Big Data Analytics	Johri, Prashant; Singh, Tanya; Yadav, Ashok; Rajput, Anil Kumar	2017 INTERNATIONAL CONFERENCE ON INFOCOM TECHNOLOGIES AND UNMANNED SYSTEMS (TRENDS AND FUTURE DIRECTIONS) (ICTUS)	2017	2017	
855	Effect of Topology on the Performance of PV Module	Kumar, Sujit; Kakkar, Sushma; Iqbal, Asif	2017 8TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)	2017	2017	
856	Optimal Phasor Measuring Unit Placement by Binary Particle Swarm Optimization	Kumari, Saroj; Walde, Pratima; Iqbal, Asif; Tyagi, Akash	2017 8TH INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND NETWORKING TECHNOLOGIES (ICCCNT)	2017	2017	
857	Building Blocks For VisualAnalytics	Mehrotra, Chitvan; Chitransh, Nayan; Singh, Ajay Shanker	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
858	Scope and Challenges of Visual Analytics: A Survey	Mehrotra, Chitvan; Chitransh, Nayan; Ajayshankersingh	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
859	Real Time Database Management in Mobile Computing	Pandey, Shaifali; Astya, Parmanand	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
860	Comparative Study of Rate of Convergence & Complex Dynamics of Trigonometric Functions Using Jungck Ishikawa Iteration Scheme	Pant, Suman; Chauhan, Yashwant S.; Singh, Krishna Kumar; Singh, J. N.	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
861	HAMMING FILTER DESIGN FOR ECG SIGNAL DETECTION AND PROCESSING USING CO-SIMULATION	Shama, Sushant; Kumar, Ashish; Kumar, Yogendera	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
862	Design and Implementation of EF-MAC Protocol to Optimize WSN Communication	Singh, Rishi Pal; Pal, Rai; Das, Sanjoy	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
863	STUDY ON SECURED FRAMEWORK FOR CLOUD BASED ONLINE BANKING	Tripathi, Satya Prakash; Kumar, Aditya; Astya, Rani	2017 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2017	2017	
864	Comparison of Techniques for Designing and Modeling of High Power Piezoelectric Devices	Varshney, Lokesh; Upadhyay, Ambesh P.	2017 4TH IEEE UTTAR PRADESH SECTION INTERNATIONAL CONFERENCE ON ELECTRICAL, COMPUTER AND ELECTRONICS (UPCON)	2017	2017	

865	Enhanced Power Generation from Piezoelectric System under Partial Vibration Condition	Varshney, Lokesh; Shivi	2017 IEEE INTERNATIONAL WIE CONFERENCE ON ELECTRICAL AND COMPUTER ENGINEERING (IEEE WIECON-ECE 2017)	2017	2017	
866	AGROCLOUD - Open surveillance of Indian Agriculture via cloud	Agarwal, Pratik	2016 INTERNATIONAL CONFERENCE ON INFORMATION TECHNOLOGY (INCITE) - NEXT GENERATION IT SUMMIT ON THE THEME - INTERNET OF THINGS: CONNECT YOUR WORLDS	2016	2016	
867	Elongate the Lifetime of the Network using Grid Based Cluster with Backbone Spanning Tree for Wireless Sensor Networks	Ali, Abdul Wahid; Nand, Parma; Astya, Rani	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
868	Survey of Hash Security on DSR Routing Protocol	Das, Supriya; Nand, Parma	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
869	Multi-Level Selection of Reusable Software Components	Khatri, Sunil Kumar; Kaur, Gagneet; Johri, Prashant	2016 5TH INTERNATIONAL CONFERENCE ON RELIABILITY, INFOCOM TECHNOLOGIES AND OPTIMIZATION (TRENDS AND FUTURE DIRECTIONS) (ICRITO)	2016	2016	
870	Dynamic Resource Allocation in OFDM-Based Cognitive Radio System Based on Estimated Channel Information	Krishnan, Kishore V.; Bagubali, A.; Khara, Sibaram	PROCEEDINGS OF THE INTERNATIONAL CONFERENCE ON SOFT COMPUTING SYSTEMS, ICSCS 2015, VOL 1	2016	2016	10.1007/978-81-322-2671-0_90
871	A SURVEY ON ELASTICITY IMPROVEMENT IN CLOUD COMPUTING	Kumar, Manish; Thirunavukkarasu, K.; Singh, Ajay S.	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
872	Performance Analysis and Impact of Different Mobility model on specific configured network with IEEE 802.15.4 for WSNs	Nand, Parma; Astya, Rani; Ali, Abdul Wahid	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
873	WAKE-BOUNDARY LAYER INTERACTIONS BEHIND A SQUARE CYLINDER FOR A REYNOLDS NUMBER IN PERIODIC VORTEX SHEDDING REGIME	Pal, Arti; Sarkar, Sudipto	PROCEEDINGS OF THE ASME/JSME/KSME JOINT FLUIDS ENGINEERING CONFERENCE, 2015, VOL 1A, SYMPOSIA, PT 2	2016	2016	
874	Regression Analysis of Temporary over Voltages during Power System Restoration	Peesapati, V. V. Rajagopal; Kumar, Niranjani; Yadav, Vinod Kumar	2016 INTERNATIONAL CONFERENCE ON ENERGY EFFICIENT TECHNOLOGIES FOR SUSTAINABILITY (ICEETS)	2016	2016	
875	WAKE - WAKE INTERACTIONS FOR A PAIR OF STAGGERED CYLINDERS AT LOW REYNOLDS NUMBER (Re=100)	Raees, Mohd.; Sarkar, Sudipto	PROCEEDINGS OF THE ASME/JSME/KSME JOINT FLUIDS ENGINEERING CONFERENCE, 2015, VOL 1A, SYMPOSIA, PT 2	2016	2016	
876	Analysis of Adhoc Routing Protocols: A Retrospective view	Rishiwai, Vinay; Yadav, Mitul; Singh, Omkar; Yadav, Mano	2016 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND AUTOMATION (ICACCA 2016)	2016	2016	
877	Performance of AODV Protocol for H-MANETS	Rishiwai, Vinay; Agarwal, Sandeep Kumar; Yadav, Mano	2016 INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND AUTOMATION (ICACCA 2016)	2016	2016	
878	Security Checking in ABPMN	RituSaluja; Singh, S. K.; Chaturvedi, Arun K.	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
879	Finite State Machine based Arbiter for on chip Communication Architecture	RuqaiyaKhanam; Ahmad, Ziauddin	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
880	Resource Tracker A Purposed Remote System Monitoring Methodology	SandeepKaur; MamtaNarwaria	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
881	Effect of Vortex Generators on Film Cooling Effectiveness	Sarkar, S.; Ranakoti, Ganesh	PROCEEDINGS OF THE ASME GAS TURBINE INDIA CONFERENCE, 2015	2016	2016	
882	High Availability of Databases for Cloud	Sharma, Yogesh Kr.; Singh, Ajay Shanker	PROCEEDINGS OF INTERNATIONAL CONFERENCE ON ICT FOR SUSTAINABLE DEVELOPMENT ICT4SD 2015, VOL 2	2016	2016	10.1007/978-981-10-0135-2_49
883	Resistance distance method for determination of isomorphism, stiffness and best input link among planar Kinematic chains	Singh, Dharmendra; Mohd, Aas; Khan, R. A.	JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY	JAN 2016	2016	10.1007/s12206-015-0819-1

884	Hybrid Genetic Algorithm based Technique to Maximize the Network Lifetime in WSN	Singh, Vinay Kumar; Sharma, Vidushi; Sagar, Anil Kumar	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
885	Environmental Effects on Performance of Solar Photovoltaic Module	Singla, Anu; Singh, Kanwardeep; Yadav, Vinod Kumar	2016 BIENNIAL INTERNATIONAL CONFERENCE ON POWER AND ENERGY SYSTEMS: TOWARDS SUSTAINABLE ENERGY (PESTSE)	2016	2016	
886	New Technique for Detecting Fraudulent Transactions using Hybrid Network consisting of Full-Counter Propagation Network and Probabilistic Network	Sonika; Pratap, Abhay; Chauhan, Mukul; Dixit, Anurag	2016 IEEE INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND AUTOMATION (ICCCA)	2016	2016	
887	WAKE INTERACTION OF A SQUARE CYLINDER WITH A SPLITTER PLATE BOUNDARY LAYER AT A LOW REYNOLDS NUMBER	Srivastava, Smriti; Sarkar, Sudipto	PROCEEDINGS OF THE ASME/JSME/KSME JOINT FLUIDS ENGINEERING CONFERENCE, 2015, VOL. 1A, SYMPOSIA, PT 2	2016	2016	
888	Performance Improvement of Squirrel Cage Rotor by Design Aspects	Varshney, Lokesh; Gupta, Chetanya; Debnath, Dilip	2016 INTERNATIONAL CONFERENCE ON RECENT ADVANCES AND INNOVATIONS IN ENGINEERING (ICRAIE)	2016	2016	
889	Behavior of Adhoc Routing Protocols for H-MANETs	Yadav, Mitul; Rishiwal, Vinay; Singh, Omkar; Yadav, Mano	PROCEEDINGS OF FIRST INTERNATIONAL CONFERENCE ON INFORMATION AND COMMUNICATION TECHNOLOGY FOR INTELLIGENT SYSTEMS: VOL 1	2016	2016	10.1007/978-3-319-30933-0_34
890	HORTON-ROGERS-LAPWOOD CONVECTION IN A BINARY NANOFUID SATURATED ROTATING POROUS LAYER	Agarwal, Shilpi; Rana, Puneet	PROCEEDINGS OF THE ASME INTERNATIONAL MECHANICAL ENGINEERING CONGRESS AND EXPOSITION, 2014, VOL. 8B	2015	2015	
891	EMERGING TRENDS IN ENERGY EFFICIENT ROUTING PROTOCOLS	Agrawal, Honey; Johri, Prashant; Kumar, Arun	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
892	Design of High Performance Induction Motor through Multi Objective and Multi Domain Optimization	Ghosh, Santosh; Memane, Hemant; Karpe, M.; Birajdar, Ravindra; Yadav, V. K.; Mukherjee, V.	2015 5TH INTERNATIONAL ELECTRIC DRIVES PRODUCTION CONFERENCE (EDPC)	2015	2015	
893	A Classification Method to Classify High Dimensional Data	Gupta, Amit; Chetty, Naganna; Shukla, Shraddha	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION AND SECURITY (ICCCS)	2015	2015	
894	Novel Approach for Distributed File System with Multiple Layers of Fault Tolerance	Gupta, Keshav; Saini, Jaspal Kaur	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
895	Analyzing students' data using a classification technique based on genetic algorithm and fuzzy logic	Khan, Saddam	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
896	Token Based Group Local Mutual Exclusion Algorithm in MANETs	Khanna, Ashish; Singh, Awadhesh Kumar; Swaroop, Abhishek	INTELLIGENT COMPUTING, COMMUNICATION AND DEVICES	2015	2015	10.1007/978-81-322-2009-1_13
897	Weaving Technique and its impact on execution of classes in Aspect Oriented Programming	Khatri, Sunil Kumar; Narayan, Pankaj; Johri, Prashant	2015 4TH INTERNATIONAL CONFERENCE ON RELIABILITY, INFOCOM TECHNOLOGIES AND OPTIMIZATION (ICRITO) (TRENDS AND FUTURE DIRECTIONS)	2015	2015	
898	RECOGNIZING IMAGES OF HANDWRITTEN DIGITS USING LEARNING VECTOR QUANTIZATION ARTIFICIAL NEURAL NETWORK	Khatri, Sunil Kumar; Dutta, Shivali; Johri, Prashant	2015 4TH INTERNATIONAL CONFERENCE ON RELIABILITY, INFOCOM TECHNOLOGIES AND OPTIMIZATION (ICRITO) (TRENDS AND FUTURE DIRECTIONS)	2015	2015	
899	Fair Allocation of Multi-Resources for Multi-Class Users in Cloud Computing	Kumar, Deepesh; Kumar, Chanchal; Singh, Ajay Shanker	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
900	Result Merging in Meta-search Engine using Genetic Algorithm	Kumar, Jitendra; Kumar, Rajesh; Dixit, Mayank	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
901	Efficient Single Pattern Searching Algorithm for Offline Text by using Binary Search Tree (ESPS Algorithm)	Mishra, Sattiyam Kishor; Pandey, Manish; Astya, Parma Nand	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
902	Novel method for faster restoration of transmission lines	Peesapati, V. V. Rajagopal; Kumar, Niranjani; Yadav, Vinod Kumar	2015 INTERNATIONAL CONFERENCE ON RECENT DEVELOPMENTS IN CONTROL, AUTOMATION AND POWER ENGINEERING (RDCAPE)	2015	2015	
903	Design and Implementation of Modules to Prevent Tampering in Monitoring System to Enhance Security	Pratap, Abhay; Chauhan, Mukul; Sonika; Dixit, Anurag	2015 INTERNATIONAL CONFERENCE ON GREEN COMPUTING AND INTERNET OF THINGS (ICGGIOT)	2015	2015	
904	Improvement of existing security system by using Elliptic Curve and Biometric Cryptography	Rathi, Anu; Rathi, Divya; Astya, Rani; Nand, Parma	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
905	Dynamic Source Routing using Directional Antenna	Rishiwal, Vinay; Lamba, Sonu; Yadav, Mitul; Yadav, Mano	2015 SECOND INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING AND COMMUNICATION ENGINEERING ICACCE 2015	2015	2015	10.1109/ICACCE.2015.114

906	BIG DATA PROCESSING TUNING IN THE CLOUD	Sabharwal, Satwik; Malhotra, Nishchay; Singh, Ajay Shanker	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
907	Principal Component based method for whole genome phylogenetic analysis without alignment: Application to HEV genotype	Sahana, Subrata; Das, Sanjoy; Sarkar, Bimal Kumar	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
908	Development of Distributed Solar Photovoltaic Energy Market in India	Singla, Anu; Singh, Kanwardeep; Yadav, Vinod Kumar; Padhy, N. P.	2015 IEEE POWER & ENERGY SOCIETY GENERAL MEETING	2015	2015	
909	Design & Analysis of 16 bit RISC Processor Using low Power Pipelining	Trivedi, Priyanka; Tripathi, Rajan Prasad	2015 INTERNATIONAL CONFERENCE ON COMPUTING, COMMUNICATION & AUTOMATION (ICCCA)	2015	2015	
910	Understanding Sequence Similarity and Framework Analysis Between Centromere Proteins Using Computational Biology	Doss, C. George Priya; Chakraborty, Chiranjib; Debajyoti, C.; Debotam, S.	CELL BIOCHEMISTRY AND BIOPHYSICS	NOV 2014	2014	10.1007/s12013-014-9997-1
911	Effect of Wnt3a on Keratinocytes Utilizing in Vitro and Bioinformatics Analysis	Nam, Ju-Suk; Chakraborty, Chiranjib; Sharma, Ashish Ranjan; Her, Young; Bae, Kee-Jeong; Sharma, Garima; Doss, George Priya; Lee, Sang-Soo; Hong, Myung-Sun; Song, Dong-Keun	INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES	APR 2014	2014	10.3390/ijms15045472
912	Understanding the conservation patterns and molecular phylogenetics of human death receptors family through computational biology	Tomar, Jinny; Chakraborty, Chiranjib; Doss, C. George Priya; Gera, V. K.	3 BIOTECH	APR 2014	2014	10.1007/s13205-013-0141-5
913	Impact of Single amino acid Polymorphisms in Protein-Protein interactions in tumorigenic cluster A and cluster B of VHL: Computational molecular dynamics	Doss, George Priya C.; Chakraborty, Chiranjib; Siddarth, R.; Nagasundaram, N.; Magesh, R.; Udhayakumar, S.; Priyanka, N.; Christy, Priyadarshini J.	PROCEEDINGS IWBBIO 2014: INTERNATIONAL WORK-CONFERENCE ON BIOINFORMATICS AND BIOMEDICAL ENGINEERING, VOLS 1 AND 2	2014	2014	
914	Best Practices for Managing Risk in Adaptive Agile Process	Khatri, Sunil Kumar; Bahri, Khushboo; Johri, Prashant	2014 3RD INTERNATIONAL CONFERENCE ON RELIABILITY, INFOCOM TECHNOLOGIES AND OPTIMIZATION (ICRITO) (TRENDS AND FUTURE DIRECTIONS)	2014	2014	
915	Sentiment Analysis to Predict Bombay Stock Exchange Using Artificial Neural Network	Khatri, Sunil Kumar; Singhal, Himanshu; Johri, Prashant	2014 3RD INTERNATIONAL CONFERENCE ON RELIABILITY, INFOCOM TECHNOLOGIES AND OPTIMIZATION (ICRITO) (TRENDS AND FUTURE DIRECTIONS)	2014	2014	
916	'RELIABILITY' OF ONLINE PAYMENT PROCESS - A STUDY OF END USER'S PSYCHOLOGY	Kundu, Sukanya; Datta, Saroj Kumar	FUTURE OF ENTREPRENEURSHIP	2014	2014	
917	Software Cost Estimation using the Improved Fuzzy Logic Framework	Kushwaha, Neetu; Suryakant	2014 CONFERENCE ON IT IN BUSINESS, INDUSTRY AND GOVERNMENT (CSIBIG)	2014	2014	
918	COMPETENCE OF BOLLYWOOD CELEBRITIES IN GENERATING BRAND RECALL IN KOLKATA	Patra, Supriyo; Datta, Saroj Kumar	FUTURE OF ENTREPRENEURSHIP	2014	2014	
919	OPTICAL PROPERTIES OF Cd1-XZnXSe FROM DENSITY FUNCTIONAL THEORY	Sarkar, Bimal Kumar; Verma, Ajay Singh; Paviendova, Gabriela; Banik, Ivan	TMS 2014 SUPPLEMENTAL PROCEEDINGS	2014	2014	
920	To Evaluate the Impact of Vector Mobility Modelover Routing Protocols in MANET	Suryakant; Kushwaha, Neetu	2014 CONFERENCE ON IT IN BUSINESS, INDUSTRY AND GOVERNMENT (CSIBIG)	2014	2014	
921	Modified DSR, An Energy Conserving Approach to DSR Protocol in MANET	Upadhyay, Navin Mani; Gaurav, Kuna; Kumar, Arun	2014 INTERNATIONAL CONFERENCE ON COMMUNICATIONS AND SIGNAL PROCESSING (ICCSIP)	2014	2014	
922	AN INNOVATIVE APPROACH FOR MICROGRID AND ITS POWER MANAGEMENT SYSTEM	Verma, R. S.; Pareek, Tripti; Verma, Nitin	2014 INTERNATIONAL CONFERENCE ON POWER ENGINEERING AND RENEWABLE ENERGY (ICPERE)	2014	2014	
923	Antifungal Potential of Transition Metal Hexacyanoferrates for Management of Dry Bubble of Agaricus bisporus	Chugh, C. A.	RESEARCH JOURNAL OF CHEMISTRY AND ENVIRONMENT	JUN 2013	2013	
924	Is India open to scientific criticism?	Agoramoorthy, G.; Chakraborty, C.	CURRENT SCIENCE	FEB 25 2013	2013	
925	Fabrication of nanoporous platinum thin films for hydrogen sensing: a comparison between experimental and simulation results	Abhuri, Aditya	FOURTH INTERNATIONAL CONFERENCE ON SMART MATERIALS AND NANOTECHNOLOGY IN ENGINEERING	2013	2013	10.1117/12.2025478
926	Maintaining The Repository of Search Engine Freshness Using Mobile Crawler	Abu Kausar, Md; Nasar, Md; Singh, Sanjeev Kumar	2013 ANNUAL INTERNATIONAL CONFERENCE ON EMERGING RESEARCH AREAS & 2013 INTERNATIONAL CONFERENCE ON MICROELECTRONICS, COMMUNICATIONS & RENEWABLE ENERGY (AICERA/ICMICR)	2013	2013	

927	A Multi-Agent Based Self-Healing Smart Grid	Gupta, Ruchi; Jha, Deependra Kumar; Yadav, Vinod Kumar; Kumar, Sanjeev	2013 IEEE PES ASIA-PACIFIC POWER AND ENERGY ENGINEERING CONFERENCE (APPEEC)	2013	2013
928	Development of MAS Based SCM Model for Automobile Sectors	Sindhu, Ritu; Pal, Raju; Wahid, Abdul	PROCEEDINGS OF THE 2013 3RD IEEE INTERNATIONAL ADVANCE COMPUTING CONFERENCE (IACC)	2013	2013
929	Benchmarking of Indian Thermal Power Plants	Yadav, Vinod Kumar; Jha, Deependra Kumar; Kumar, Niranjana; Peesapatib, V. V. Rajagopal	2013 IEEE POWER AND ENERGY SOCIETY GENERAL MEETING (PES)	2013	2013
930	A Study of Staircase Modulation Technique for Single Phase Matrix Converter	Biswas, Arinjoy; Jaiswal, Jawahar Lal; Agarwal, Vineeta	2012 2ND INTERNATIONAL CONFERENCE ON POWER, CONTROL AND EMBEDDED SYSTEMS (ICPCES 2012)	2012	2012
931	Implementation of Single phase matrix converter as generalized single phase converter	Jaiswal, Jawahar Lal; Biswas, Arinjoy; Agarwal, Vineeta	2012 2ND INTERNATIONAL CONFERENCE ON POWER, CONTROL AND EMBEDDED SYSTEMS (ICPCES 2012)	2012	2012
932	A Multi Criteria DEA Approach to Performance Evaluation of Indian Thermal Power Plants	Yadav, Vinod Kumar; Jha, Deependra Kumar; Chauhan, Yogesh Kumar	2012 IEEE INTERNATIONAL CONFERENCE ON POWER SYSTEM TECHNOLOGY (POWERCON)	2012	2012