

Scopus Publications

Sr.No	Authors	Title	Year	Volume	Issue	Art. No.	Cited by	DOI	Document Type	Source
1	Kousik N., Natarajan Y., Arshath Raja R., Kallam S., Patan R., Gandomi A.H.	Improved salient object detection using hybrid Convolution Recurrent Neural Network	2021	166		114064		10.1016/j.eswa.2020.114064	Article	Scopus
2	Singh C., Bala A.	An unsupervised orthogonal rotation invariant moment based fuzzy C-means approach for the segmentation of brain magnetic resonance images	2021	164		113989		10.1016/j.eswa.2020.113989	Article	Scopus
3	Sharma A., Khan M.S., Khan M.S., Husain M.	Ab initio study of molybdenum sulfo-selenides alloy as a flexible anode for sodium-ion batteries	2021	536		147973		10.1016/j.apsusc.2020.147973	Article	Scopus
4	Singh H., Singh S., Prasad S., Garg L.	Optimal Sharing of Real Power Using Robust Controller in Multi-terminal DC Systems	2021	699				10.1007/978-981-15-7994-3_12	Conference Paper	Scopus
5	Garg L., Khan S.	Application of FACTS Controllers for Enhancement of Transient Stability	2021	698				10.1007/978-981-15-7961-5_70	Conference Paper	Scopus
6	Ahuja R., Agarwal P.P., Kumar T.	Clustering Methods Analysis in the E-Learning	2021	698				10.1007/978-981-15-7961-5_118	Conference Paper	Scopus
7	Ahuja R., Lakhanpal A., Kumar S.	Social Media Analytics: Techniques, Tools, Platforms a Comprehensive Review	2021	698				10.1007/978-981-15-7961-5_122	Conference Paper	Scopus
8	Rani S., Kumar A., Kumar N.	Detecting Duplicate Bi-Lingual Mash-up Question Pairs Using Siamese Multi-layer Perceptron Network	2021	1175				10.1007/978-981-15-5619-7_23	Conference Paper	Scopus
9	Jerald Nirmal Kumar S., Anandhan K., Suresh Kumar N., Damodharan D.	Smart education using mobile green cloud enabled platform and services	2021					10.1007/978-3-030-48141-4_7	Book Chapter	Scopus
10	Johri P., Saxena V.S., Kumar A.	Rummage of machine learning algorithms in cancer diagnosis	2021	12	1			10.4018/IJEHMC.2021010101	Article	Scopus
11	Daniel A., Bharathi Kannan B., Yuvaraj N., Kousik N.V.	Predicting Energy Demands Constructed on Ensemble of Classifiers	2021	1172				10.1007/978-981-15-5566-4_52	Conference Paper	Scopus
12	Yuvaraj N., Arshath Raja R., Kousik N.V.	Privacy Preservation Between Privacy and Utility Using ECC-based PSO Algorithm	2021	1172				10.1007/978-981-15-5566-4_51	Conference Paper	Scopus
13	Sagar S., Pradhan N.	A review: Recent trends in green computing	2021					10.1007/978-3-030-48141-4_2	Book Chapter	Scopus
14	John A., Ananth Kumar T., Adimoolam M., Blessy A.	Energy management and monitoring using iot with cupcarbon platform	2021					10.1007/978-3-030-48141-4_10	Book Chapter	Scopus
15	Muthusamy A., Anand A., Kannan T.V., Rao D.N.	The modern way for virtual machine placement and scalable technique for reduction of carbon in green combined cloud datacenter	2021					10.1007/978-3-030-48141-4_1	Book Chapter	Scopus
16	Singh A.R., Singh H., Anand A.	Vulnerability Assessment, Risk, and Challenges Associated with Automated Vehicles Based on Artificial Intelligence	2021	668				10.1007/978-981-15-5341-7_100	Conference Paper	Scopus
17	Anand A., Chaudhary A., Arvindhan M.	The Need for Virtualization: When and Why Virtualization Took Over Physical Servers	2021	668				10.1007/978-981-15-5341-7_102	Conference Paper	Scopus
18	Poongodi T., Sumathi D., Suresh P., Balusamy B.	Deep learning techniques for electronic health record (EHR) analysis	2021	903				10.1007/978-981-15-5495-7_5	Book Chapter	Scopus
19	Gopinath, Vijayakumar, Pasupuleti N.S.	On-road crime detection using artificial intelligence	2021	661				10.1007/978-981-15-4692-1_32	Conference Paper	Scopus
20	Mohanty S., Mohapatra B.	Printed slot wideband rectangular dielectric resonator antenna	2021	661				10.1007/978-981-15-4692-1_44	Conference Paper	Scopus
21	Verma R.K., Sankhla M.S., Parihar K., Kumar R., Verma M.K.	The study of assessing the impact on environment by the noxious airborne chemicals: A review	2021	11	3			10.33263/BRIAC113.1084410863	Article	Scopus
22	Shefali, Sankhla M.S., Kumar R., Sonone S.S.	Phyтомicrobiome studies for combating the abiotic stress	2021	11	3			10.33263/BRIAC113.1049310509	Review	Scopus
23	Modanval R.K., Rakesh Kumar S., Gayathri N., Ramesh C., Kumar A., Sharma S.K.	Impact of green computing in shaping education	2021					10.1007/978-3-030-48141-4_9	Book Chapter	Scopus
24	Balusamy B., Chilamkurti N., Kadry S.	Preface	2021						Editorial	Scopus
25	Sharma S.K., Gayathri N., Rakesh Kumar S., Ramesh C., Kumar A., Modanval R.K.	Green ict, communication, networking, and data processing	2021					10.1007/978-3-030-48141-4_8	Book Chapter	Scopus
26	Das I., Shaw R.N., Das S.	Location-based and multipath routing performance analysis for energy consumption in wireless sensor networks	2021	661				10.1007/978-981-15-4692-1_59	Conference Paper	Scopus
27	Kumar M., Shenbagaraman V.M., Shaw R.N., Ghosh A.	Predictive data analysis for energy management of a smart factory leading to sustainability	2021	661				10.1007/978-981-15-4692-1_58	Conference Paper	Scopus
28	Tripathi R., Tiwari G.N., Bhatti T.S.	Electrical energy and power generation from three different photovoltaic module technology in composite climate condition: A comparative study	2021	661				10.1007/978-981-15-4692-1_18	Conference Paper	Scopus
29	Das I., Shaw R.N., Das S.	Analysis of energy consumption of energy models in wireless sensor networks	2021	661				10.1007/978-981-15-4692-1_57	Conference Paper	Scopus
30	Gupta S., Yadav V.K., Ghosh S., Saravanan D.	Non-parametric frontier analysis models for relative performance evaluation	2021	661				10.1007/978-981-15-4692-1_34	Conference Paper	Scopus
31	Shefali, Kumar R., Sankhla M.S., Kumar R., Sonone S.S.	Impact of pesticide toxicity in aquatic environment	2021	11	3			10.33263/BRIAC113.1013110140	Article	Scopus
32	Adimoolam M., John A., Balamurugan N.M., Ananth Kumar T.	Green ict communication, networking and data processing	2021					10.1007/978-3-030-48141-4_6	Book Chapter	Scopus
33	Sharma S., Pattnaik M., Sarswat M., Varshney L.	Comprehension of different techniques used in increasing output of photovoltaic system	2021	661				10.1007/978-981-15-4692-1_16	Conference Paper	Scopus
34	Tripathi R., Agrawal S., Agraawal R., Singh D., Shaw R.N.	Synchronization, fault detection of pv array and grid with mppt techniques using matlab/simulink	2021	661				10.1007/978-981-15-4692-1_21	Conference Paper	Scopus
35	Huda S., Alam M.A., Sharma P.K.	Smart nanocarriers-based drug delivery for cancer therapy: An innovative and developing strategy	2020	60		102018		10.1016/j.jddst.2020.102018	Review	Scopus
36	Tyagi V., Singh V.K., Sharma P.K., Singh V.	Essential oil-based nanostructures for inflammation and rheumatoid arthritis	2020	60		101983		10.1016/j.jddst.2020.101983	Review	Scopus
37	Sahi Y., Chandan S.	Finite Element Analysis of Lead-Free Ceramic Based Cymbal Transducer for Energy Harvesting	2020	212	1			10.1080/10584587.2020.1819037	Article	Scopus
38	Chandran R., Rakesh Kumar S., Gayathri N.	Genetic algorithm-based tabu search for optimal energy-aware allocation of data center resources	2020	24	21			10.1007/s00500-020-05240-9	Article	Scopus
39	Lavanya A.K., Sharma A., Choudhary S.B., Sharma H.K., Nain P.K.S., Singh S., Nain L.	Mesta (Hibiscus spp.)-a potential feedstock for bioethanol production	2020	42	21		3	10.1080/15567036.2019.1618980	Article	Scopus
40	Kumari K., Sharma P.K., Malviya R.	Formulation-development and evaluation of polysorbate-phospholipid mixed micelles of piperine loaded with azithromycin	2020	10	5			10.33263/BRIAC105.61286138	Article	Scopus

41	Reshma M., Priestly Shan B.	A clinical decision support system for micro panoramic melanoma detection and grading using soft computing technique	2020	163			108024		10.1016/j.measurement.2020.108024	Article	Scopus
42	Tripathi S., Mohapatra B., Tiwari P., Pathak N.P., Parida M.	Design of rf receiver front-end subsystems with low noise amplifier and active mixer for intelligent transportation systems application	2020	70	6				10.14429/DSJ.70.13917	Article	Scopus
43	Daniel A., Baalamurugan K.M.	A novel approach to minimize classifier computational overheads in Big Data using neural networks	2020	42			101130		10.1016/j.phycom.2020.101130	Article	Scopus
44	Night D., Jain A.K., Singh M., Rawat V.	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	2020	56	10				10.1007/s10593-020-02825-y	Article	Scopus
45	Aliyu A., Abdullah A.H., Isnin I.F., Radzi R.Z.R.M., Kumar A., Darwish T.S.J., Joda U.M.	Road-based multi-metric forwarder evaluation for multipath video streaming in urban vehicular communication	2020	9	10		1663		10.3390/electronics9101663	Article	Scopus
46	Manuel A.J., Deverajan G.G., Patan R., Gandomi A.H.	Optimization of routing-based clustering approaches in wireless sensor network: Review and open research issues	2020	9	10		1630		10.3390/electronics9101630	Review	Scopus
47	Iqbal M.A., Husain A., Alam O., Khan S.A., Ahmad A., Haider M.R., Alam M.A.	Design, synthesis, and biological evaluation of imidazopyridine-linked thiazolidinone as potential anticancer agents	2020	353	10		2000071		10.1002/ardp.202000071	Article	Scopus
48	Chang Y.-S., Abimannan S., Chiao H.-T., Lin C.-Y., Huang Y.-P.	An ensemble learning based hybrid model and framework for air pollution forecasting	2020	27	30			1	10.1007/s11356-020-09855-1	Article	Scopus
49	Tiwari R.N., Singh P., Kanaujia B.K., Pandit A.K.	A Coalesced Kite Shaped Monopole Antenna for UWB Technology	2020	114	4				10.1007/s11277-020-07516-7	Article	Scopus
50	Shrivastava G., Kumar P., Ojha R.P., Shrivastava P.K., Mohan S., Shrivastava G.	Defensive modeling of fake news through online social networks	2020	7	5			1	10.1109/TCSS.2020.3014135	Article	Scopus
51	Chakraborty P., Nagarajan R.	Effect of trivalent ions containing layered hydroxide acetate on the thermal stability and flame retardancy of poly (methyl methacrylate) composite	2020	2259			20012		10.1063/5.0015653	Conference Paper	Scopus
52	Giri J.M., Nain P.K.S.	Performance optimization of thermoelectric cooler using genetic algorithm	2020	7	3				10.18280/mmep.070313	Article	Scopus
53	Prasad S., Ansari M.R.	Frequency regulation using neural network observer based controller in power system	2020	102			104571		10.1016/j.conengprac.2020.104571	Article	Scopus
54	Damodharan D., Goel A.K., Kumar T.	An improved enhancement technique for cardiovascular ultrasonic image analysis based on DCNN	2020	9	5		30		10.30534/jatsec/2020/30952020	Article	Scopus
55	Prabakaran J., Damodharan D., Anandhan K., Suresh Kumar N., Nallarasan V.	Enhanced predictive learning approaches for tweaked diet proposal system in health care	2020	8	9		229		10.30534/jjeter/2020/229892020	Article	Scopus
56	Ahmad N., Ahmad R., Alrasheed R.A., Almatar H.M.A., Al-Ramadan A.S., Buhezah T.M., AlHomoud H.S., Al-Nasif H.A., Alam M.A.	A Chitosan-PLGA based catechin hydrate nanoparticles used in targeting of lungs and cancer treatment	2020	27	9				10.1016/j.sjbs.2020.05.023	Article	Scopus
57	Sharma S., Dhingra P., Sisodia N.S.	Contamination of Heavy Metals in Human Fingernails due to Occupational Exposure in Agra, India	2020	73	9				10.1007/s12666-020-02029-0	Article	Scopus
58	Sharma A., Malviya R., Kumar V., Gupta R., Awasthi R.	Severity and risk of COVID-19 in cancer patients: An evidence-based learning	2020	33	5		e13778	3	10.1111/dth.13778	Note	Scopus
59	Bhati B.S., Rai C.S., Balamurugan B., Al-Turjman F.	An intrusion detection scheme based on the ensemble of discriminant classifiers	2020	86			106742	2	10.1016/j.compeleceng.2020.106742	Article	Scopus
60	Krishnasamy L., Dhanaraj R.K., Gopal D.G., Gadekallu T.R., Aboudaif M.K., Nasr E.A.	A heuristic angular clustering framework for secured statistical data aggregation in sensor networks	2020	20	17		4937		10.3390/s20174937	Article	Scopus
61	Sharma A., Pranaw K., Singh S., Khare S.K., Chandel A.K., Nain P.K.S., Nain L.	Efficient two-step lactic acid production from cassava biomass using thermostable enzyme cocktail and lactic acid bacteria: insights from hydrolysis optimization and proteomics analysis	2020	10	9		409		10.1007/s13205-020-02349-4	Article	Scopus
62	Mukherjee S., Kumar G., Patnaik R.	Withanolide penetrates brain via intra-nasal administration and exerts neuroprotection in cerebral ischemia reperfusion injury in mice	2020	50	8			2	10.1080/00498254.2019.1709228	Article	Scopus
63	Uthirapathy S.E., Sandanam D.	Real-time opinion prediction method for emergency public events in social media networks using opinion hit matrix	2020	34	4				10.18280/ria.340417	Article	Scopus
64	Jha R., Singh A., Sharma P.K., Fuloria N.K.	Smart carbon nanotubes for drug delivery system: A comprehensive study	2020	58			101811	5	10.1016/j.jddst.2020.101811	Review	Scopus
65	Chang Y.-S., Chiao H.-T., Abimannan S., Huang Y.-P., Tsai Y.-T., Lin K.-M.	An LSTM-based aggregated model for air pollution forecasting	2020	11	8			3	10.1016/j.apr.2020.05.015	Article	Scopus
66	Qureshi K.N., Ul Islam F., Kaiwartya O., Kumar A., Lloret J.	Improved road segment-based geographical routing protocol for vehicular AD-HOC networks	2020	9	8		1248		10.3390/electronics9081248	Article	Scopus
67	Balavigneswaran C.K., Kumar G., Vignesh Kumar C., Sellamuthu S., Kasiviswanathan U., Ray B., Muthuvijayan V., Mahto S.K., Misra N.	Gelatin grafted poly(D,L-lactide) as an inhibitor of protein aggregation: An in vitro case study	2020	111	8		e23383		10.1002/bip.23383	Article	Scopus
68	Sivaram M., Rohini R., Rajanarayanan S., Mascleno A., Mohammed A.S., Fared Ibrahim B., Goel P.M.	Efficient coverage greedy packet stateless routing in wireless sensor networks	2020	53	7-8				10.1177/0020294020932359	Article	Scopus
69	Mohan B., Choudhary M., Kumar G., Muhammad S., Das N., Singh K., Al-Sehemi A.G., Kumar S.	An experimental and computational study of pyrimidine based bis-uracil derivatives as efficient candidates for optical, nonlinear optical, and drug discovery applications	2020	50	14				10.1080/00397911.2020.1771369	Article	Scopus
70	Kumar V., Devi S., Singh K.	A review on holoprosencephaly disease (CYCLOPIA): Risk factors, causes, pathophysiology and diagnosis with spotlight of various features reported in cases	2020	11	3				10.26452/jrtps.v11i3.2624	Review	Scopus
71	Kumar J., Gupta A., Tapar A.V., Khan M.C.R.	EXOS: does the retention of salesforce matter in entrepreneurial start-ups?	2020	10	3				10.1108/EEMCS-03-2020-0085	Article	Scopus
72	Joshi K., Goel A.K., Kumar T.	Online career counsellor system based on artificial intelligence: An approach	2020				9202024		10.1109/ICSSS49621.2020.9202024	Conference Paper	Scopus
73	Kumar A., Sahi Y., Chandan S., Suresh P.	Modal Analysis of Helical Gear Train using Ansys	2020				9200162		10.1109/ComPE49325.2020.9200162	Conference Paper	Scopus
74	Sahi Y., Chandan S., Satapathy S.N.	Design and Simulation of PZT based Energy Harvester Embedded in Asphalt Pavement	2020				9200108		10.1109/ComPE49325.2020.9200108	Conference Paper	Scopus
75	Sharma P., Chandan S., Agrawal B.P.	Vibration Signal-based Diagnosis of Defect Embedded in Outer Race of Ball Bearing using 1-D CNN	2020				9199994		10.1109/ComPE49325.2020.9199994	Conference Paper	Scopus

76	Sharma S., Chandan S., Johri P., Sahi Y.	Optimization of MEMS Type Pressure Sensor with Pressure Range 0 to 1.1 Bar	2020			9200073		10.1109/ComPE49325.2020.9200073	Conference Paper	Scopus
77	Singh P.	Network and pathway enrichment analysis of Attention Deficit/Hyperactivity Disorder candidate genes	2020	62	4			10.4103/psychiatry.IndianJPsychiatry_105_17	Article	Scopus
78	Sheikh M.A., Goel A.K., Kumar T.	An Approach for Prediction of Loan Approval using Machine Learning Algorithm	2020			9155614		10.1109/ICESC48915.2020.9155614	Conference Paper	Scopus
79	Rajabather K., Abimannan S., Kumar T., Kumari B.	Restoration of Digital Design Using Row and Column Major Parsing a Technique	2020			9198323		10.1109/CONECCT50063.2020.9198323	Conference Paper	Scopus
80	Devi S., Singh K.	Is covid-19 sibling of sars and mers? A review on: Novel covid-19	2020	54	3			10.5530/ijper.54.3.97	Review	Scopus
81	Vatshayan S., Haidri R.A., Verma J.K.	Design of Hybrid Cryptography System based on Vigenere Cipher and Polybius Cipher	2020			9199997		10.1109/ComPE49325.2020.9199997	Conference Paper	Scopus
82	Uddin A., Devi S., Verma J.K.	Qualitative Software Process Management for Developing Countries-An Exploratory Study	2020			9199995		10.1109/ComPE49325.2020.9199995	Conference Paper	Scopus
83	Shrivastva N., Devi S., Verma J.K.	Digital Money: The Empowering New Currency	2020			9200036		10.1109/ComPE49325.2020.9200036	Conference Paper	Scopus
84	Sharma A., Devi S., Verma J.K.	Braille Book Reader using Raspberry Pi	2020			9200110		10.1109/ComPE49325.2020.9200110	Conference Paper	Scopus
85	Parvez B., Haidri R.A., Verma J.K.	IoT in Agriculture	2020			9200035		10.1109/ComPE49325.2020.9200035	Conference Paper	Scopus
86	Arun M., Balamurali S., Rawal B.S., Duan Q., Kumar R.L., Balamurugan B.	Mutual authentication and authorized data access between fog and user based on blockchain technology	2020			9162915		10.1109/INFOCOMWKSHP50562.2020.9162915	Conference Paper	Scopus
87	Kirubakaran J., Prasanna Venkatesan G.K.D., Kumar K.S., Dhanabal S., Baskar K.	Delay sensitive aware distributed data fault recognition algorithm for distributed sensor networks	2020	13	4			10.1007/s12083-019-00804-5	Article	Scopus
88	Iwendi C., Bashir A.K., Peshkar A., Sujatha R., Chatterjee J.M., Pasupuleti S., Mishra R., Pillai S., Jo O.	COVID-19 patient health prediction using boosted random forest algorithm	2020	8		357	7	10.3389/fpubh.2020.00357	Article	Scopus
89	Arora P., Dixit A.	An elephant herd grey wolf optimization (EHGWO) algorithm for load balancing in cloud	2020	16	3			10.1108/IJPC-09-2019-0070	Article	Scopus
90	Yadav O., Prasad S., Kishor N., Negi R., Purwar S.	Controller design for MTDC grid to enhance power sharing and stability	2020	14	12			10.1049/iet-gtd.2019.0880	Article	Scopus
91	Sharma A., Sharma P.K., Malviya R.	Role of different parameters and mathematical models for metal ions adsorption from industrial waste water	2020	10	3			10.33263/BRIAC103.516523	Article	Scopus
92	Malviya R.	Non-invasive drug delivery system for the delivery of protein/peptide using neem gum and its derivatives	2020	10	3		1	10.33263/BRIAC103.460465	Article	Scopus
93	Tiwari R.N., Singh P., Kanaujia B.K., Kumar S., Gupta S.K.	A low profile dual band MIMO antenna for LTE/Bluetooth/Wi-Fi/WLAN applications	2020	34	9			10.1080/09205071.2020.1716859	Article	Scopus
94	Bahel V., Pillai S., Malhotra M.	A Comparative Study on Various Binary Classification Algorithms and their Improved Variant for Optimal Performance	2020			9230877		10.1109/TENSYMP50017.2020.9230877	Conference Paper	Scopus
95	Chhabra P., Chauhan G., Kumar A.	Augmented healing of full thickness chronic excision wound by rosmarinic acid loaded chitosan encapsulated graphene nanopockets	2020	46	6		1	10.1080/03639045.2020.1762200	Article	Scopus
96	Singh M., Naib B.B., Goel A.K.	Facial emotion detection using action units	2020			9137919		10.1109/ICCES48766.2020.09137919	Conference Paper	Scopus
97	Sharma V., Walde P., Siddiqui A.S.	Hourly congestion management by adopting distributed energy storage system using hybrid optimization	2020	16	2				Article	Scopus
98	Farooqui S., Mohammad S., Srivastava S., Mehrotra D., Bhattacharya S.	A Study on Metabolic, Nutritional and Biochemical Profile of Tobacco Users With and Without Oral Precancer Lesions	2020	19	2			10.1007/s12663-019-01200-5	Article	Scopus
99	Kumar M., Kumar Verma H., Sikka G.	A secure data transmission protocol for cloud-assisted edge-Internet of Things environment	2020	31	6	e3883	1	10.1002/ett.3883	Article	Scopus
100	Sathyaprakash P., Prakasam P.	Boltzmann Randomized Clustering Algorithm for Providing Quality of Evolution in Wireless Multimedia Sensor Networks	2020	112	4			10.1007/s11277-020-07152-1	Article	Scopus
101	Katiyar S., Walia H., Kumar S.	Personality Classification System using Data Mining	2020			9197803		10.1109/ICRITO48877.2020.9197803	Conference Paper	Scopus
102	Kumar V., Sharma S.C., Narwat K.	Analysis of control flow valve compensated thrust bearing considering thrust pad flexibility	2020	25					Article	Scopus
103	Pandey B.V., Dubey M.K., Upadhyay R.S.	Enhanced Biodecolorization of Synthetic Textile Dyes by NTG Mutagenesis	2020	43	3			10.1007/s40009-019-00858-2	Article	Scopus
104	Chauhan B.V.S., Vedrtam A., Pratap V.	Designing Rear View Mirror of Car Using CFD and Reverse Engineering	2020	41	3				Article	Scopus
105	Sahoo K.S., Mishra P., Tiwary M., Ramasubbareddy S., Balusamy B., Gandomi A.H.	Improving End-Users Utility in Software-Defined Wide Area Network Systems	2020	17	2	8903453	1	10.1109/TNSM.2019.2953621	Article	Scopus
106	Sarkar A., Dutta D., Chakraborty P., Dutta S.K., Majumdar S., Payra S., Bhatla R.	Influence of cumulus convection and cloud microphysics parameterizations on the prediction of Western Disturbances	2020	132	3			10.1007/s00703-019-00697-2	Article	Scopus
107	Arif R., Rana M., Yasmeen S., Amaduddin, Khan M.S., Abid M., Khan M.S., Rahisuddin	Facile synthesis of chalcone derivatives as antibacterial agents: Synthesis, DNA binding, molecular docking, DFT and antioxidant studies	2020	1208		127905	6	10.1016/j.molstruc.2020.127905	Article	Scopus
108	Kousik N.V., Yuvaraj N., Arshath Raja R., Palanivel P., Kousik N.V.	EDM Process by Using Copper Electrode with INCONEL 625 Material	2020	811	1	12011		10.1088/1757-899X/811/1/012011	Conference Paper	Scopus
109	Rani L., Shekhar S.	Response of ramp-type heating in a monoclinic generalized thermoelastic material	2020	16	6			10.1108/MMMS-12-2019-0214	Article	Scopus
110	Ponmaniraj S., Kumar T., Goel A.K.	Web intrusion detection system through Crawler's event analysis	2020	9	3		1	10.30534/ijatse/2020/03932020	Article	Scopus
111	Sagar A.K., Singh S., Kumar A.	Correction to: Energy-Aware WBAN for Health Monitoring Using Critical Data Routing (CDR) (Wireless Personal Communications, (2020), 112, 1, (273-302), 10.1007/s11277-020-07026-6)	2020	112	1			10.1007/s11277-020-07191-8	Erratum	Scopus
112	Sagar A.K., Singh S., Kumar A.	Energy-Aware WBAN for Health Monitoring Using Critical Data Routing (CDR)	2020	112	1		7	10.1007/s11277-020-07026-6	Article	Scopus
113	Kolhe M., Paturkar R., Sahu U., Pillai S., Titarmare A.	Analytic for Temperature and Humidity-Cloud based Forecasting and Dashboard	2020			9120944		10.1109/ICCS48265.2020.9120944	Conference Paper	Scopus
114	Agarwal M., Singh M., Hussain J.	Evaluation of Groundwater Quality for Drinking Purpose using Different Water Quality Indices in Parts of Gautam Budh Nagar District, India	2020	32	5			10.14233/ajchem.2020.22531	Article	Scopus
115	Dhanasekaran K., Ramasamy M., Shanmugam R., Prathilothamai M.	A dependency-directed opinion analytics for product review classification based on keyphrase	2020	9	5				Article	Scopus
116	Khaitan S., Mitra A., Shukla P., Chakraborty S.	Statistical investigation of novel corona virus covid-19	2020	13	2	Special	1		Article	Scopus

117	Roy G., Prakash S., Bhardwaj L.	Surveillance system using abandoned luggage detection using video processing	2020	29	8 Special					Article	Scopus
118	Alam M., Haidri R.A., Shahid M.	Resource-aware load balancing model for batch of tasks (BoT) with best fit migration policy on heterogeneous distributed computing systems	2020	16	2			10.1108/JPCC-10-2019-0081		Article	Scopus
119	Vermani B., Mukherjee S., Kumar G., Patnaik R.	Prolactin attenuates global cerebral ischemic injury in rat model by conferring neuroprotection	2020	34	5		1	10.1080/02699052.2020.1726466		Article	Scopus
120	Saxena P., Sharma P.K., Purohit P.	A journey of celecoxib from pain to cancer	2020	147		106379	3	10.1016/j.prostaglandins.2019.106379		Review	Scopus
121	Sharma A., Sharma S., Tomar D.S.	Optimization of in-situ nanoparticulate gel of ofloxacin using factorial design to improve treatment strategy for conjunctivitis and corneal ulcers	2020	54	2			10.5530/ijper.54.2.33		Article	Scopus
122	Jeba Derwin D., Tamil Selvi S., Jeba Singh O., Priestly Shan B.	A novel automated system of discriminating Microaneurysms in fundus images	2020	58		101839	2	10.1016/j.bspc.2019.101839		Article	Scopus
123	Solomon M.M., Umoren S.A., Quraishi M.A., Tripathy D.B., Abai E.J.	Effect of alkyl chain length, flow, and temperature on the corrosion inhibition of carbon steel in a simulated acidizing environment by an imidazole-based inhibitor	2020	187		106801	8	10.1016/j.petrol.2019.106801		Article	Scopus
124	Kirubakaran J., Prasanna Venkatesan G.K.D., Baskar S., Kumaresan M., Annamalai S.	Prediction of cirrhosis disease from radiologist liver medical image using hybrid coupled dictionary pairs on longitudinal domain approach	2020	79	15-16			10.1007/s11042-019-7259-3		Article	Scopus
125	Soundararajan R., Palanisamy N., Patan R., Nagasubramanian G., Khan M.S.	Secure and concealed watchdog selection scheme using masked distributed selection approach in wireless sensor networks	2020	14	6		1	10.1049/iet-com.2019.0494		Article	Scopus
126	Singhal R., Rani R.	Relationship of information technology with management in unified communication – Importance towards e-commerce & digital marketing	2020	29	5 Special Issue					Article	Scopus
127	Zafar F., Gupta A., Thangavel K., Khatana K., Sani A.A., Ghosal A., Tandon P., Nishat N.	Physicochemical and Pharmacokinetic Analysis of Anacardic Acid Derivatives	2020	5	11		1	10.1021/acsomega.9b04398		Article	Scopus
128	Irfan S., Rajesh Kumar D.	Ranking algorithm to optimize the retrieval process using genetic algorithm	2020	13	2					Article	Scopus
129	Kohar R.	IoT systems based on SOA services: Methodologies, Challenges and Future directions	2020			9076474		10.1109/ICCMC48092.2020.ICCMC-000103		Conference Paper	Scopus
130	Tiwari S.P., Upadhyay A., Karthikeyan S.	Artificial Intelligence based Comparative Study of Mortality Prediction	2020			9076379		10.1109/ICCMC48092.2020.ICCMC-000168		Conference Paper	Scopus
131	Singh G., Goel A.K.	Face Detection and Recognition System using Digital Image Processing	2020			9074838	2	10.1109/ICIMIA48430.2020.9074838		Conference Paper	Scopus
132	Vetrivendan L., Viswanathan R.	Analysis of efficient predictive algorithms for fraud detection in credit cards	2020	9	3					Article	Scopus
133	Dinesh Babu M., Saminathan R., Baalamurugan K.M.	Sensors working process on wireless network technology	2020	9	3					Article	Scopus
134	Sagia S., Sharma A., Singh S., Chaturvedi S., Nain P.K.S., Nain L.	Single cell oil production by a novel yeast Trichosporon mycotxinivorans for complete and ecofriendly valorization of paddy straw	2020	44			2	10.1016/j.ejbt.2020.01.009		Article	Scopus
135	Prakash A., Sundar G., Sharma B., Hagen F., Meis J.F., Chowdhary A.	Genotypic diversity in clinical and environmental isolates of Cryptococcus neoformans from India using multilocus microsatellite and multilocus sequence typing	2020	63	3			10.1111/myc.13041		Article	Scopus
136	Sahi Y., Sharma S., Chandan S.	Design of Piezoresistive Sensor using FEA in ANSYS	2020	748	1	12011		10.1088/1757-899X/748/1/012011		Conference Paper	Scopus
137	Chandan S., Singh A.	Optimizing Connecting Rod Design Using Fillet Radius Modifications in ANSYS	2020	748	1	12010		10.1088/1757-899X/748/1/012010		Conference Paper	Scopus
138	Karn H., Kumari S., Varshney L., Garg L.	Energy Management Strategy for Prosumers under Time of Use Pricing	2020			9087120		10.1109/SCEECS48394.2020.161		Conference Paper	Scopus
139	Arulprakash A., Viswanathan R.	Preservation of iris biometrics in cloud with cloud id screen algorithm	2020	9	2					Article	Scopus
140	Shaw R.N., Walde P., Ghosh A.	IOT based MPPT for performance improvement of solar PV arrays operating under partial shade dispersion	2020			9112952		10.1109/PIICON49524.2020.9112952		Conference Paper	Scopus
141	Kumari S., Karn H., Varshney L., Garg L., Kumari N.	Energy Management Strategy for Cost Minimization under Time of Use Pricing for Residential Application	2020			9087141	1	10.1109/SCEECS48394.2020.198		Conference Paper	Scopus
142	Singhal K., Anand A.	Monetisation of youtube content using data mining techniques	2020	9	2					Article	Scopus
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144	Sahana S., Singh K.	Cluster Based Localization Scheme with Backup Node in Underwater Wireless Sensor Network	2020	110	4			10.1007/s11277-019-06807-y		Article	Scopus
145	Pattnaik M., Sharma S., Sarswat M., Varshney L.	Analysis of Equipment Sizing and Designing of 132/33/11KV Substation	2020			9087149		10.1109/SCEECS48394.2020.163		Conference Paper	Scopus
146	Govindarajan P., Soundarapandian R.K., Gandomi A.H., Patan R., Javaraman P., Manikandan R.	Classification of stroke disease using machine learning algorithms	2020	32	3		4	10.1007/s00521-019-04041-y		Article	Scopus
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148	Karakoti A., Biswas S., Aseer J.R., Sindhu N., Sanjay M.R.	Characterization of microfiber isolated from Hibiscus sabdariffa var. altissima fiber by steam explosion	2020	17	2		8	10.1080/15440478.2018.1477085		Article	Scopus
149	Suresh P., Mathivalagan P., Srikanth K.S.	Structural, ferroelectric and photocatalytic performance of Ba1-xCaxTiO3 ceramics	2020	555	1		1	10.1080/00150193.2019.1691385		Article	Scopus
150	Khatoon R., Alam M.A., Sharma P.K.	Current approaches and prospective drug targeting to brain	2020			102098		10.1016/j.jiddst.2020.102098		Review	Scopus
151	Yadav S., Kumarkumar M.	Commercial mediation: With special reference to India	2020	12	7 Special			10.5373/JARDCS/V12SP7/20202370		Article	Scopus
152	Kumar D., Sharma P.K.	A review on opuntia species and its chemistry, pharmacognosy, pharmacology and bioapplications	2020	16	8			10.2174/1573401316666200220092414		Review	Scopus
153	Sharma Y., Balamurugan B.	Preserving the Privacy of Electronic Health Records using Blockchain	2020	173			1	10.1016/j.procs.2020.06.021		Conference Paper	Scopus
154	Jena S.R., Shanmugam R., Saini K., Kumar S.	Cloud Computing Tools: Inside Views and Analysis	2020	173				10.1016/j.procs.2020.06.045		Conference Paper	Scopus
155	Indrakumari R., Poongodi T., Jena S.R.	Heart Disease Prediction using Exploratory Data Analysis	2020	173				10.1016/j.procs.2020.06.017		Conference Paper	Scopus
156	Sharma A., Malviya R.	Effects of corona virus on the skin: Symptoms and risks	2020	14	1			10.2174/1874372202014010028		Article	Scopus
157	Singh A.K., Sharma P.K., Kaushik N.	An overview on acne vulgaris	2020	12				10.31838/ijpr/2020.SP1.051		Review	Scopus
158	Shekhar S.	Study of deformation due to thermal shock in porous thermoelastic material with reference temperature dependent properties	2020					10.1080/15397734.2020.1792314		Article	Scopus

159	Suresh P., Mathiyalagan P., Srikanth K.S.	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} Ti _{0.85} Zr _{0.15} O ₃ ceramics	2020					10.1108/MMMS-10-2019-0185	Article	Scopus
160	Mishra U., Srikanth K.S., Vidya S., Shukla S., Parveen, Maurya S.	Microstructural and Photocatalytic Performance of BaZrxTi1-xO3 Ceramics	2020	174				10.1007/978-981-15-2647-3_28	Conference Paper	Scopus
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164	Gopal G.	Emerging trends and the importance of network evolution in big data	2020	13		2		10.2174/266625581302200402094851	Editorial	Scopus
165	Rajesh E., Sharma N., Kousik N.V.	Different dimensions on healthcare using Internet of things (IoT): Health monitoring	2020	7		9		10.31838/jcr.07.09.73	Review	Scopus
166	Malviya R.	Exploration of neem gum-chitosan and kheri gum-chitosan polyelectrolyte complex based film for transdermal delivery of protein/peptide	2020	10		4		10.33263/BRIAC104.860868	Article	Scopus
167	Arjun K.P., Sampath Kumar K.	Machine learning - a neoteric medicine to healthcare	2020	11		3			Article	Scopus
168	Suresh Kumar N., Kumar T.	A civilized method to fetal brain segmentation with U-Net architecture using optimal semantic blend algorithm	2020	11		2			Article	Scopus
169	Khanam R., Khan R., Parashar P.	Design of low power montgomery multiplier using clock technique	2020	1064				10.1007/978-981-15-0339-9_1	Conference Paper	Scopus
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171	Sharma A., Sharma P.K., Malviya R.	Stimuli-responsive supramolecules for bone tissue engineering	2020	10		2		10.33263/BRIAC102.122127	Review	Scopus
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173	Kaswan K.S., Singh S.P., Sagar S.	Role of Arduino in real world applications	2020	9		1			Article	Scopus
174	Irfan S., Ghosh S.	Efficient ranking framework for information retrieval using similarity measure	2020	1108	AISC		1	10.1007/978-3-030-37218-7_141	Conference Paper	Scopus
175	Indrakumari R., Poongodi T., Suresh P., Balamurugan B.	The growing role of integrated and insightful big and real-time data analytics platforms	2020	117		1		10.1016/bs.adcom.2019.09.009	Book Chapter	Scopus
176	Narayan R., Mehta G.	Design of Customer Information Management System	2020	1049				10.1007/978-981-15-0132-6_13	Conference Paper	Scopus
177	Saeed F., Dixit A.	Hybrid HSW Based Zero Watermarking for Tampering Detection of Text Contents	2020	31			1	10.1007/978-3-030-24643-3_96	Book Chapter	Scopus
178	Upadhayay A., Jotheeswaran J.	Improved Multi-feature Computer Vision for Video Surveillance	2020	937				10.1007/978-981-13-7403-6_35	Conference Paper	Scopus
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181	Gaur N., Mishra S., Srivastava S., Parvez N.	Naturapolyceutics – emerging science & technology in drug delivery system	2020	12				10.31838/ijpr/2020.SP1.224	Article	Scopus
182	Kumar A., Aggarwal R.K.	Hindi speech recognition using time delay neural network acoustic modeling with i-vector adaptation	2020					10.1007/s10772-020-09757-0	Article	Scopus
183	Kumar A., Aggarwal R.K.	Discriminatively trained continuous Hindi speech recognition using integrated acoustic features and recurrent neural network language modeling	2020	30		1		10.1515/jisys-2018-0417	Article	Scopus
184	Raushan R.K., Ansari M.R., Chauhan U., Khalid M., Mohapatra B.	Implementation of 12T and 14T SRAM Bitcell Using FinFET with Optimized Parameters	2020					10.1007/s42341-020-00243-7	Article	Scopus
185	Mohanty S., Mohapatra B.	Leaky Wave-Guide Based Dielectric Resonator Antenna for Millimeter-Wave Applications	2020					10.1007/s42341-020-00240-w	Article	Scopus
186	Dhanaraj R.K., Rajkumar K., Hariharan U.	Enterprise IoT Modeling: Supervised, Unsupervised, and Reinforcement Learning	2020					10.1007/978-3-030-44407-5_3	Book Chapter	Scopus
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188	Katti A., Lobiyal D.K.	Energy Efficient Location Error Resilient Connectivity in Wireless Sensor Networks	2020					10.1007/s11277-020-07735-y	Article	Scopus
189	Bhardwaj I., Khara S., Shan P.	A framework to systematically analyse the trustworthiness of nodes for securing iov interactions	2020	21		3		10.12694/sepe.v21i3.1743	Article	Scopus
190	Mallikarjuna B., Sathish K., Venkata Krishna P., Viswanathan R.	The effective SVM-based binary prediction of ground water table	2020					10.1007/s12065-020-00447-z	Article	Scopus
191	Singh G., Sharma P.K., Malviya R., Awasthi R.	Novel corona virus disease (COVID-19) and ophthalmic manifestations: Clinical evidences	2020					10.1111/dth.13814	Letter	Scopus
192	Srivastava S., Sharda S., Ranjan A.	An Explicit Analysis of Best Tourist Destinations	2020	1230	CCIS			10.1007/978-981-15-5830-6_13	Conference Paper	Scopus
193	Vidya S., Srikanth K.S., Tariq A.H., Mathiyalagan P.	Tolerance Estimation of Different Cavity Geometries Produced by CO ₂ Laser	2020	174				10.1007/978-981-15-2647-3_27	Conference Paper	Scopus
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198	Kumar S., Singh J.N., Kumar N.	An amalgam method efficient for finding of cancer gene using CSC from micro array data	2020	11		3			Article	Scopus
199	Poongodi T., Ramya S.R., Suresh P., Balusamy B.	Application of IoT in Green Computing	2020					10.1007/978-981-15-4246-6_19	Book Chapter	Scopus
200	Bahadur S., Sachan N., Harwansh R.K., Deshmukh R.	Nanoparticized system: Promising approach for the management of alzheimer's disease through intranasal delivery	2020	26		12	1	10.2174/138161282666200311131658	Review	Scopus
201	Anand P., Singh A.S., Thirunavukkarasu K.	Role of data analytics as as service (DaaS) in cloud computing	2020	29		6			Article	Scopus
202	Chandran R., Kumar S.R., Gayathri N.	Designing a Locating Scams for Mobile Transaction with the Aid of Operational Activity Analysis in Cloud	2020				1	10.1007/s11277-020-07302-5	Article	Scopus
203	Javid S.R., Dubey S.K., Singh A.S.	Network Simulation and Performance Analysis Using Riverbed Modeler	2020	1118				10.1007/978-981-15-2475-2_39	Conference Paper	Scopus
204	Sayal R., Jayanthi S., Suresh Kumar N.	Investigation on Aggregated Weighted Ensemble Framework for Data Stream Classification	2020	103				10.1007/978-981-15-2043-3_70	Book Chapter	Scopus
205	Gupta P., Malsa N., Saxena N., Agarwal S., Singh S.P.	Short-Term Load Forecasting Using Parametric and Non-parametric Approaches	2020	1053				10.1007/978-981-15-0751-9_68	Conference Paper	Scopus
206	Hwang R.-H., Peng M.-C., Wu C.-Y., Abimannan S.	A novel RPL-based multicast routing mechanism for wireless sensor networks	2020	33		2		10.1504/IJAHUC.2020.105464	Article	Scopus
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210	Prasad V., Lukose S., Agarwal P., Prasad L.	Role of Nanomaterials for Forensic Investigation and Latent Fingerprinting—A Review	2020	65	1		4	10.1111/1556-4029.14172	Review	Scopus
211	Poongodi T., Krishnamurthi R., Indrakumari R., Suresh P., Balusamy B.	Wearable devices and IoT	2020	165			4	10.1007/978-3-030-23983-1_10	Book Chapter	Scopus
212	Agrawal S.K., Kumar V., Agrawal B.N.	Analysis of tri-cum biserial bulk queue model connected with a common server	2020	10	6			10.28919/jms/4967	Article	Scopus
213	Sahoo K.S., Ramasubbareddy S., Balusamy B., Deep B.V.	Analysing control plane scalability issue of software defined wide area network using simulated annealing technique	2020	11	6			10.1504/IJGUC.2020.110898	Article	Scopus
214	Chakraborty S., Khandai M., Dhibar M., Yadav S., Kumari H.	Isolation and characterization of dilemia fruit mucilage: A novel polymer for microspheric delivery of Losartan potassium	2020	10	4			10.2174/2210303110999200802030342	Article	Scopus
215	Khari M., Kumar P., Shrivastava G.	Test optimisation: An approach based on modified algorithm for software network	2020	17	3-4			10.1504/IJAIIP.2020.109508	Article	Scopus
216	Dubey M.K., Gajbhive M.H., Upadhay R.S.	Achlya bisexualis (Achlyaceae, saprolegniales, oomycota) – A new record for India	2020	111	1-2			10.1127/nova_hedwigia/2020/0589	Article	Scopus
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219	Malsa N., Singh P., Gautam J., Srivastava A., Singh S.P.	Source of Treatment Selection for Different States of India and Performance Analysis Using Machine Learning Algorithms for Classification	2020	1154				10.1007/978-981-15-4032-5_23	Conference Paper	Scopus
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221	Soundararajan R., Kumar S.R., Gayathri N., Al-Turjman F.	Skyline Query Optimization for Preferable Product Selection and Recommendation System	2020					10.1007/s11277-020-07592-9	Article	Scopus
222	Agrawal V., Singh J.N., Negi A., Kumar S.	Comparison-Based Analysis of Travel Time Using Support Vector Regression	2020	174				10.1007/978-981-15-2647-3_20	Conference Paper	Scopus
223	Prema N.K., Sivaram M., Kousik N.V.	Divide and compress discrete cosine lossless compression coder to reduce dimensionality of test data	2020					10.1007/s12652-020-02124-6	Article	Scopus
224	Malviya R., Sharma P.K., Dubey S.K.	Microwave facilitated green synthesis and characterization of acrylamide grafted copolymer of Kheri (Acacia Chundra) gum polysaccharide	2020	10	4		1	10.2174/2210315509666190515112704	Article	Scopus
225	Rupa P., Singh S.P., Arvind S., Johri P.	A Comprehensive Survey on Applications of Wireless Sensor Networks and Approaches to Control Congestion	2020	601				10.1007/978-981-15-1420-3_87	Conference Paper	Scopus
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228	Baliyan M., Bandooni A., Sharad, Akshansh, Viswanathan R., Mallikarjuna B., Edison T.	Prediction of decay modes of higgs boson using classification algorithms	2020	7	7		1	10.31838/jcr.07.07.48	Review	Scopus
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233	Ahmad N., Ahmad R., Alam M.A., Ahmad F.J., Rub R.A.	Quantification and evaluation of glycyrrhizic acid-loaded surface decorated nanoparticles by thp-les/ms and used in the treatment of cerebral ischemia	2020	16	1		1	10.2174/1573412914666180530073613	Article	Scopus
234	Kumari R., Nand P., Astva R., Chaudhary S.	Implementation of Square-Odd Scanning Technique in WBAN for Energy Conservation	2020	1059				10.1007/978-981-15-0324-5_1	Conference Paper	Scopus
235	Das I., Shaw R.N., Das S.	Analysis of Energy Consumption in Dynamic Mobile Ad Hoc Networks	2020	1049			4	10.1007/978-981-15-0132-6_15	Conference Paper	Scopus
236	Sankar S., Srinivasan P., Ramasubbareddy S., Balamurugan B.	Energy-aware multipath routing protocol for internet of things using network coding techniques	2020	11	6			10.1504/IJGUC.2020.110899	Article	Scopus
237	Sivaram M., Batri K., Mohammed A.S., Porkodi V., Kousik N.V.	Data fusion using Tabu crossover genetic algorithm in information retrieval	2020	39	4			10.3233/IFIS-189025	Article	Scopus
238	Iqbal A., Amir M., Kumar V., Alam A., Umair M.	Integration of next generation IIoT with blockchain for the development of smart industries	2020	4	Special Issue			10.28991/esj-2020-SP1-01	Article	Scopus
239	Ojha R.P., Srivastava P.K., Sanyal G., Gupta N.	Improved Model for the Stability Analysis of Wireless Sensor Network Against Malware Attacks	2020					10.1007/s11277-020-07809-x	Article	Scopus
240	Kumar P., Kumar V., Kumar M., Kumar C., Anupama	Mathematical calculation of ground potential rise in power station	2020	9	10			10.37418/amsl.9.10.20	Article	Scopus
241	Sharma N., Sharma R., Sharma K.	Gray world based fuzzy c-means satellite image segmentation	2020	664				10.1007/978-981-15-5089-8_18	Conference Paper	Scopus
242	Mishra S., Gaur N., Shaw A., Chatterjee S., Sarkar P.	Microsponges-A novel approach for drug targeting	2020	12				10.31838/ijpr/2020.SP1.327	Article	Scopus
243	Saluja S., Dominic M., Gaur A., Ahmad K., Abbas S.	A Novel Approach in Selection of Municipal Solid Waste Incinerator (MSWI) Ash as an Embankment Material: VIKOR Method	2020	58			1	10.1007/978-981-15-2545-2_34	Book Chapter	Scopus
244	Stephan T., Al-Turjman F., Suresh Joseph K., Balusamy B.	Energy and spectrum aware unequal clustering with deep learning based primary user classification in cognitive radio sensor networks	2020				2	10.1007/s13042-020-01154-y	Article	Scopus
245	Tripathi R., Sharma D., Gupta N.K., Tiwari G.N., Bhatti T.S., Dwivedi V.K.	Experimental Validation for Electrical, Thermal and Overall Energy Generation from Open Low Concentration Ratio-Based Photovoltaic Hybrid Collector	2020	174				10.1007/978-981-15-2647-3_58	Conference Paper	Scopus
246	Khari M., Garg A.K., Gandomi A.H., Gupta R., Patan R., Balusamy B.	Securing Data in Internet of Things (IoT) Using Cryptography and Steganography Techniques	2020	50	1	8675777	9	10.1109/TSMC.2019.2903785	Article	Scopus
247	Venington K., Kadry S., Kalash H.S., Balamurugan B., Sathiyaraj R.	Intelligent social network based data modeling for improving health care	2020	10	1		1	10.1007/s12553-019-00303-w	Article	Scopus

248	Tiwari R.N., Singh P., Kanaujia B.K.	Asymmetric U-shaped printed monopole antenna embedded with T-shaped strip for bluetooth, WLAN/WiMAX applications	2020	26	1		8	10.1007/s11276-018-1781-5	Article	Scopus
249	Nirala A., Kumar N., Bandhu Singh D., Kumar Singh A., Kumar Sharma S., Kumar Yadav J., Prasad H., Chandan S., Kumar Shrivastava A.	Simulation analysis of composite helical spring for compression, torsional and transverse mode	2020	28				10.1016/j.matpr.2020.04.558	Conference Paper	Scopus
250	Nirala A., Kumar N., Singh D.B., Sharma S.K., Shrivastava A.K., Chandan S., Prasad H.	Fabrication of a tubular furnace for sintering and heat treatment of metals/alloys	2020	28				10.1016/j.matpr.2020.04.222	Conference Paper	Scopus
251	Kumar P., Kumar V., Krumar M., Kumar S., Kumar C., Anupama	Mathematical calculation of voltage hazard in power station	2020	9	10			10.37418/amsj.9.10.23	Article	Scopus
252	Nagasubramanian G., Sakthivel R.K., Patan R., Ehtemami A., Meyer-Baeese A., Tahmassebi A., Gandomi A.H.	Detection and isolation of black hole attack in mobile ad hoc networks: A review	2020	11419		114190N		10.1117/12.2557080	Conference Paper	Scopus
253	Kousik N.G.V., Yuvraj N., Suresh K., Patan R., Gandomi A.H.	Improving power and resource management in heterogeneous downlink OFDMA networks	2020	11	4	203		10.3390/info11040203	Article	Scopus
254	Namasudra S., Deka G.C., Johri P., Hosseinpour M., Gandomi A.H.	The Revolution of Blockchain: State-of-the-Art and Research Challenges	2020				4	10.1007/s11831-020-09426-0	Article	Scopus
255	Samuel P., Subbaiyan S., Balusamy B., Doraikannan S., Gandomi A.H.	A Technical Survey on Intelligent Optimization Grouping Algorithms for Finite State Automata in Deep Packet Inspection	2020					10.1007/s11831-020-09419-z	Article	Scopus
256	Udaya Suriya Rajkumar D., Gavaskar P.S., Al-Turjman F., Sathiyaraj R., Balusamy B.	Artificial bee colony method for identifying eavesdropper in terrestrial cellular networks	2020				1	10.1002/ett.3941	Article	Scopus
257	Birla H., Minocha T., Kumar G., Misra A., Singh S.K.	Role of oxidative stress and metal toxicity in the progression of Alzheimer's disease	2020	18	7		5	10.2174/1570159X18666200122122512	Article	Scopus
258	Liu T., Zhu Y., Wang H., Balamurugan B., Vijayakumar P., Peng J.	Transformer anomaly detection based on time-frequency domain software-hardware cooperative analysis	2020			e3865	1	10.1002/ett.3865	Article	Scopus
259	Ahmad N., Ahmad R., Ahmad F.J., Ahmad W., Alam M.A., Amir M., Ali A.	Poloxamer-chitosan-based Naringenin nanoformulation used in brain targeting for the treatment of cerebral ischemia	2020	27	1		13	10.1016/j.sjbs.2019.11.008	Article	Scopus
260	Shanmugasundar G., Vanitha M., Babu L.G., Suresh P., Mathiyalagan P., Krishnan G.S., Makos M.	Fabrication and analysis of mechanical properties of PVC/Glass fiber/graphene nano composite pipes	2020	7	11	115303		10.1088/2053-1591/abc277	Article	Scopus
261	Kumar P., Alam M.L., Kumar V., Priye G., Kumar M., Anupama	Calculation and simulation of ground potential rise in combined cycle power station	2020	9	10			10.37418/amsj.9.10.29	Article	Scopus
262	Kumar P., Alam M.L., Kumar V., Kumar S., Priye G., Anupama	Mathematical calculation and simulation of earthing grid design in combined cycle power station	2020	9	10			10.37418/amsj.9.10.30	Article	Scopus
263	Sahoo K.S., Tripathy B.K., Naik K., Ramasubbareddy S., Balusamy B., Khari M., Burgos D.	An Evolutionary SVM Model for DDOS Attack Detection in Software Defined Networks	2020	8		9142183		10.1109/ACCESS.2020.3009733	Article	Scopus
264	Vallathan G., John A., Thirumalai C., Mohan S.K., Srivastava G., Lin J.C.-W.	Suspicious activity detection using deep learning in secure assisted living IoT environments	2020				1	10.1007/s11227-020-03387-8	Article	Scopus
265	Zhu H., Zhu Y., Wang H., Wang S., Liu Z., Balamurugan B., Vijayakumar P., Xia M.	Multiscale deep network based multistep prediction of high-dimensional time series from power transmission systems	2020			e3890		10.1002/ett.3890	Article	Scopus
266	Sanyal P., Navak A.C., Kashyap G., Jain P.	Cosmological dark matter in a conformal model	2019	100	11	115032	1	10.1103/PhysRevD.100.115032	Article	Scopus
267	Tripathy D.B., Murmu M., Banerjee P., Quraishi M.A.	Palmitic acid based environmentally benign corrosion inhibiting formulation useful during acid cleansing process in MSF desalination plants	2019	472		114128	7	10.1016/j.desal.2019.114128	Article	Scopus
268	Ahmad N., Al-Subaie A.M., Ahmad R., Sharma S., Alam M.A., Ashfaq M., Abdur Rub R., Ahmad F.J.	Brain-targeted glycyrrhizic-acid-loaded surface decorated nanoparticles for treatment of cerebral ischaemia and its toxicity assessment	2019	47	1		23	10.1080/21691401.2018.1561458	Article	Scopus
269	Zaidi N., Tvagi P., Singh A.	Nokia's Comeback - Is it Revival of an Iconic Brand?	2019	23	2			10.1142/S0218927519500172	Review	Scopus
270	Ramalingam V., Saminathan R., Baalamurugan K.M.	A novel survey on intrusion detection system and intrusion prevention system	2019	8	12				Article	Scopus
271	Dubey M.K., Zehra A., Samal S., Upadhyay R.S.	First report on Obelidium megarhizum (Chytridiaceae) from India	2019	32	4		1	10.1007/s42535-019-00073-w	Article	Scopus
272	Garg V., Deep K.	Portfolio optimization using Laplacian biogeography based optimization	2019	56	4			10.1007/s12597-019-00400-4	Article	Scopus
273	Quasim M.T., Khan M.A., Abdullah M., Meraj M., Singh S.P., Johri P.	Internet of Things for Smart Healthcare: A Hardware Perspective	2019			9035175	1	10.1109/ICOICE48418.2019.9035175	Conference Paper	Scopus
274	Sugumaran S., Sharma L., Choudhary S.	Optimized FWM Parameters for FTTH Using DWDM Network	2019			9004281		10.1109/ICCIKE47802.2019.9004281	Conference Paper	Scopus
275	Deka P.K., Bhuvan M.H., Kadobayashi Y., Elmroth E.	Adversarial impact on anomaly detection in cloud datacenters	2019	2019-December		8952139		10.1109/PRDC47002.2019.00049	Conference Paper	Scopus
276	Singh J., Poelman D., Dubey V.	Spectral modifications and enhancement of red light yield tailored by Y3+ incorporation in the SrGd1.94Eu0.06O4 system	2019	30	23			10.1007/s10854-019-02461-z	Article	Scopus
277	Vengatesan K., Kumar A., Karupuchamy V., Shaktivel R., Singhal A.	Face Recognition of Identical Twins Based on Support Vector Machine Classifier	2019			9032548	1	10.1109/I-SMAC47947.2019.9032548	Conference Paper	Scopus
278	Verma A., Goyal S., Thakur S.K., Gupta A., Gupta I.	Mortality Prediction using Machine Learning Techniques: Comparative Analysis	2019			8971566		10.1109/IACCA48062.2019.8971566	Conference Paper	Scopus
279	Chauhan A., Varghese B.K., Rahman L.M.A., Mohapatra V., Badal T.	WIDER Face Challenge using Multi-Task Cascading Neural Network	2019			8971598		10.1109/IACCA48062.2019.8971598	Conference Paper	Scopus
280	Vianny D.M.M., Atlas L.G.	Performance comparison of geographic routing in WSN for measuring coverage constraints and energy consumption in cloud environments	2019	28	16				Article	Scopus
281	Bhatia V., Jaglan V., Kumawat S., Kaswan K.S.	A Hidden Markov Model based prediction mechanism for cluster head selection in WSN	2019	28	15				Article	Scopus
282	Kasinathan G., Jayakumar S., Gandomi A.H., Ramachandran M., Fong S.J., Patan R.	Automated 3-D lung tumor detection and classification by an active contour model and CNN classifier	2019	134			10	10.1016/j.eswa.2019.05.041	Article	Scopus
283	Chugh M., Prasad S.	Mitigation of False Data Injection on Frequency Regulation using Non-linear Sliding Mode Control	2019	2019-November		8975504		10.1109/ICPECA47973.2019.8975504	Conference Paper	Scopus
284	Khalid M., Ansari M.R., Ahmed S.F.	Synaptic behaviour of memristor model and its analysis of power and data transfer rate	2019	2019-November		8975466	1	10.1109/ICPECA47973.2019.8975466	Conference Paper	Scopus
285	Dhakad P.K., Sharma P.K., Kumar S.	A review on bioremediation perspective of citrullus colocynthis (L.) schrad	2019	8	11				Review	Scopus

286	Tiwari R.N., Singh P., Kanaujia B.K.	A compact UWB MIMO antenna with neutralization line for WLAN/ISM/mobile applications	2019	29	11	e21907	6	10.1002/mmce.21907	Article	Scopus
287	Ahmad M.T., Kumar N., Singh B., Khan S.	Efficient Matrix Wiener Filter Implementation Improves Power Quality in Distribution System	2019			8980035		10.1109/UPCON47278.2019.8980035	Conference Paper	Scopus
288	Tomar S.K., Singh S.P., Husain A., Kaswan K.S., Tomar K.	Face acknowledgement framework using hybrid of genetic algorithm and ant colony optimization algorithm	2019	8	11				Article	Scopus
289	Senthilkumar V.M., Ravindrakumar S., Nithya D., Kousik N.V.	A vedic mathematics based processor core for discrete wavelet transform using FinFET and CNTFET technology for biomedical signal processing	2019	71		102875	4	10.1016/j.micpro.2019.102875	Article	Scopus
290	Selvaraj A., Patan R., Gandomi A.H., Deverajan G.G., Pushparaj M.	Optimal virtual machine selection for anomaly detection using a swarm intelligence approach	2019	84		105686	5	10.1016/j.asoc.2019.105686	Article	Scopus
291	Kumar G., Kasiviswanathan U., Mukherjee S., Kumar Mahto S., Sharma N., Patnaik R.	Changes in electrolyte concentrations alter the impedance during ischemia-reperfusion injury in rat brain	2019	40	10	105004	3	10.1088/1361-6579/ab47ee	Article	Scopus
292	Kumar V., Sharma S.C., Narwat K.	Influence of micro-groove attributes on frictional power loss and load-carrying capacity of hybrid thrust bearing	2019	72	5		1	10.1108/ILT-07-2019-0278	Article	Scopus
293	Agarwal M., Singh M., Hussain J.	Assessment of groundwater quality with special emphasis on nitrate contamination in parts of Gautam Budh Nagar district, Uttar Pradesh, India	2019	38	5		5	10.1007/s11631-018-00311-z	Article	Scopus
294	Saeed F., Dixit A.	Integrity verification & temper detection of english documents using hybrid structural component and word length	2019	9	1			10.35940/ijeat.A1999.109119	Article	Scopus
295	Kulshreshth A., Anand A., Lakanpal A.	Neuralink- An Elon Musk Start-up Achieve symbiosis with Artificial Intelligence	2019	2019-January		8974470	2	10.1109/ICCCIS48478.2019.8974470	Conference Paper	Scopus
296	Gupta R., Jaglan V., Kaswan K.S.	Fault model for UML behavioral activity and sequence diagrams	2019	9	1			10.35940/ijeat.A2044.109119	Article	Scopus
297	Gupta H.M., Kumar Y.	Eightdirectional smart reconfigurable router design for network on chip (Noc)	2019	9	1			10.35940/ijeat.A9677.109119	Article	Scopus
298	Lal R., Singh S.P., Garg A., Negi P.S.	Brain tumor detection using pso-fcm based segmentation	2019	9	1			10.35940/ijeat.A1903.109119	Article	Scopus
299	Shaw R.N., Walde P., Ghosh A.	A new model to enhance the power and performances of 4x4 PV arrays with puzzle shade dispersion	2019	8	12		1	10.35940/ijitee.L3338.1081219	Article	Scopus
300	Johri P., Kumar L., Kumar A., Saxena V.S.	Recapitulation of machine learning algorithms in diabetic detection	2019	8	12			10.35940/ijitee.L3459.1081219	Article	Scopus
301	Chandan S., Chauhan A.P.S.	Modeling and fuzzy logic control of photovoltaic-fuel cell-battery hybrid vehicle	2019	2061		20026		10.1063/1.5086648	Conference Paper	Scopus
302	Khan S., Bhowmick S.	A Generalized Power-Flow Model of VSC-Based Hybrid AC-DC Systems Integrated with Offshore Wind Farms	2019	10	4	8466927	3	10.1109/TSTE.2018.2870914	Article	Scopus
303	Shaw R.N., Basu D., Walde P., Ghosh A.	Effects of solar irradiance on load sharing of integrated photovoltaic system with IEEE standard bus network	2019	9	1		1	10.35940/ijeat.A3188.109119	Article	Scopus
304	Kumar M., Sharma S.C., Goel A., Singh S.P.	A comprehensive survey for scheduling techniques in cloud computing	2019	143			24	10.1016/j.jnca.2019.06.006	Review	Scopus
305	Kumar C., Tiwari R.N., Singh P., Kumar D.	Compact Circularly Polarized Printed Antenna with Defected Ground Plane for Multiband Applications	2019			8976632		10.1109/PVEIC47157.2019.8976632	Conference Paper	Scopus
306	Kumar P., Sharma V., Sharma G., Bhatia T.	An efficient and secure certificateless aggregate signature from bilinear maps	2019	13	4			10.4018/IJISP.2019100106	Article	Scopus
307	Tiwari R.N., Singh P., Kanaujia B.K., Srivastava K.	Neutralization technique based two and four port high isolation MIMO antennas for UWB communication	2019	110		152828	7	10.1016/j.aee.2019.152828	Article	Scopus
308	Jagan J., Samui P., Kim D.	Reliability analysis of simply supported beam using GRNN, ELM and GPR	2019	71	6		1	10.12989/sem.2019.71.6.739	Article	Scopus

309	Bajaj A., Mathew S., Vellarikkal S.K., Sivadas A., Bhojar R.C., Joshi K., Jain A., Mishra A., Verma A., Jayarajan R., Nalini A., Ravi Kumar A., Arasar Seeralar A.T., Gupta A., Srivastava A.K., Joshi A., Sinha A., Jandial A., Khan A., Sonakar A.K., Chandy A., Sharma A., Roy A., Rawat A., Biswas A., Vanlalawma A., Chaudhary A., Chopra A., Panday A., Sabharwal A., Mitra A., Narang A., Rajab A., Kumar A., Gurjar A.S., Ranawat A.S., Anu R.L., Tiwary A.K., Anuradha, Kalanad A., Mathur A., Lakshman A., Batra A., Bagga A., Aggarwal A., Gupta A., Rastogi A., Aslam P.K., Astha V., Nair A., Athulya E.P., Chatterjee A., Jindal A., Kashyap A.K., Priyadarshini B., Thapa B.R., Bhargava B., Sharma B., Jolly B., Uppilli B.R., Balachander B., Shankar B., Kar B., Binukumar B.K., Lalchandama C., Datar C., Sachidanandan C., Master D.C., Khera D., Chowdhury D., Danda D., Kumar D., Pandhi D., Siddharthan D., Sharma D., Pachat D., Sharma B., Vegulada D.R., Naidu G.S.R.S.N.K., Padma G., Vishnu Priya G., Sharma G., Gauthamen R., Govindaraj G., Varghese G.M., Gireesh S., Umnikrishnan G.K., Hafiz S.A., Hazena K.R., Dhiman H., Singh H., Sarkar H., Ahmed I., Menon J., Goraya J., Mathew J., Thottath J., Sahu J.K., Oswal J., Menachery J., Hariprakash J.M., Bhargava K., Talwar K.K., Cherian K.M., Aravindan K.P., Pramila K., Saroja K., Shantaraman K., Pandhare K., Mandapati K.K., Kiran P., Rakesh K., Shah K., Krishnan C., Shah K., Singh K., Anand K., Pachauu L., Chandrashekar L., Rajasekhar L., Mishra L., Padma M.V., Kabra M., Chowdhary M.R., Seth M., Rai M., Kumar M., Parakh M., Goyal M., Gurjar M., Sahay M., Rophina M., Mukerji M., Ali M., Faruq M., Karipphoth M.N., Divakar M.K., Jayakrishnan M.P., Kumar M., Poojary M., Prabhu M.A., Kumar N.S., Rais N., Bhaskaranand N., Bagri N.K., Sankhyan N., Awasthy N., Gupta N., Parakh N., Gupta N., Bhari N., Kushwaha N., Sharma N., Virmani N., Kundu N., Plakkal N., Tyagi N., Radhakrishnan N., Naik N., Rai N., Mondal N., Bhargava N., Hari P., Sehgal P., Kumar P., Chauhan P., Mailankody P., Sharma P., Parakh P., Nair P.A., Chakraborty P., Shirod P.K.	Genomics of rare genetic diseases - Experiences from India	2019	14	1	1	10.1186/s40246-019-0215-5	Review	Scopus	
310	Irfan S., Ghosh S.	Ranking Web Pages Using Cosine Similarity Measure	2019			8940454		Conference Paper	Scopus	
311	Kumar P.	Message from Co-Patron	2019			8940506		Editorial	Scopus	
312	Shan P.	Message from the General Co-Chair	2019			8940506		Editorial	Scopus	
313	Gaur D., Dixit A.	Prioritizing Software Process Models Using AHP Methodology	2019			8940525		Conference Paper	Scopus	
314	Galgotia D.	Message from Patron	2019			8940506		Editorial	Scopus	
315	RameshKumar C., Viswanathan	A novel of multi-agent based architecture design for wireless body-area network monitoring system	2019	8	9			Article	Scopus	
316	Dubey K.K., Mishra R.S.	Energy-exergy analysis of combined reheating-regenerative rankine cycle using entropy generation principle	2019	8	3		10.35940/ijrte.C5008.098319	Article	Scopus	
317	Shukla M., Gupta T., Tiwari A.	Comparative Analysis of Aperture Antennae and Microstrip Patch Antennae	2019			8940492		Conference Paper	Scopus	
318	Krishnamoorthy R., Manivel K., Suresh Kumar A., Vairavel C.	FPGA implementation of polar codes for low complexity decoder for high speed applications	2019	8	11		10.35940/ijitee.K2535.0981119	Article	Scopus	
319	Krishnamurthi R., Patan R., Gandomi A.H.	Assistive pointer device for limb impaired people: A novel Frontier Point Method for hand movement recognition	2019	98			2	10.1016/j.future.2019.02.010	Article	Scopus
320	Kumar A., Ramachandran M., Gandomi A.H., Patan R., Lukasiak S., Soundarapandian R.K.	A deep neural network based classifier for brain tumor diagnosis	2019	82		105528	6	10.1016/j.asoc.2019.105528	Article	Scopus
321	Srikanth K.S., Mishra U., Modi Y., Srivastava V.S., Gupta R.	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	2019	2142		70036	1	10.1063/1.5122428	Conference Paper	Scopus
322	Tripathi A., Maiti S.N., Jacob J., Singh J., Chakraborty P.	Biofriendly and green biocomposites based on poly (ε-caprolactone): Post-yield fracture, crystallization, rheological and micromechanical behaviors	2019	2142		70011		10.1063/1.5122403	Conference Paper	Scopus
323	Chakraborty P., Singh P., Singh J., Tripathi A.	Novel layered Zn-Y hydroxide and study of their UV properties by intercalation of organic aliphatic and aromatic UV-absorbent molecules	2019	2142		170026		10.1063/1.5122624	Conference Paper	Scopus
324	Singh J., Dubey V., Chakraborty P., Tripathi A.	Formation and luminescence studies of SrGd _{1.94} Dy _{0.06} O ₄ host to investigate its suitability for display and dosimetric applications	2019	2142		120003		10.1063/1.5122499	Conference Paper	Scopus
325	Krishnamoorthy S., Muthukumar V., Yu J., Balamurugan B.	A secure privacy preserving proxy re-encryption scheme for IoT security using near-ring	2019				2	10.1145/3357777.3359011	Conference Paper	Scopus
326	Singh K., Devi S., Prabhakar P.K.	Relationship of TSH with BMI in subclinical hypothyroid patients	2019	9	4		4	10.33263/BRIAC94.193198	Article	Scopus
327	Khan S., Bhowmick S., Ahmad T.	A Unified AC-MTDC Power-Flow Algorithm with IDCPFC	2019	44	8			10.1007/s13369-018-3637-9	Article	Scopus
328	Tiwari R.P., Hashmi S.Z.H., Sharma R., Khan S.A., Birajdar B.	Synthesis of highly pure and dense 0.9(KNbO ₃)-0.1(BaNi _{1/2} Nb _{1/2} O _{3-δ}) ceramic with superior magnetic properties	2019	102	8			10.1111/jace.16330	Article	Scopus

329	Tiwari S., Sharma V., Mujawar M., Mishra Y.K., Kaushik A., Ghosal A.	Erratum: Biosensors for epilepsy management: State-of-art and future aspects. sensors 2019, 19, 1525	2019	19	15	3288		10.3390/s19153288	Erratum	Scopus
330	Chakravarthy S., Jagannathan M.A., Ranjani J.J., Baluswamy B., Kadry S.	An optimized hierarchical encryption technique for tamper recognition	2019	78	13		1	10.1007/s11042-019-7265-5	Article	Scopus
331	Sehgal A., Garg A.	Inconsistent Framework of Online Education: A Comparative analysis	2019			8944539		10.1109/ICCCNT45670.2019.8944539	Conference Paper	Scopus
332	Arora P., Dixit A.	The hybrid optimization algorithm for load balancing in cloud	2019	8	5 Special		1	10.35940/jjeat.E1017.07855319	Article	Scopus
333	Chishiti S.N., Singh S.K.	Exploring the quality improvement in small-scale project using aspect-oriented design	2019	8	2			10.35940/jirte.B1490.078219	Article	Scopus
334	Das S., Sahana S., Das I.	Energy Efficient Area Coverage Mechanisms for Mobile Ad Hoc Networks	2019	107	2		2	10.1007/s11277-019-06312-2	Article	Scopus
335	Tripathi R., Tiwari G.N.	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	2019	186			7	10.1016/j.solener.2019.05.023	Article	Scopus
336	Samui P., Kim D., Jagan J., Roy S.S.	Determination of Uplift Capacity of Suction Caisson Using Gaussian Process Regression, Minimax Probability Machine Regression and Extreme Learning Machine	2019	43			2	10.1007/s40996-018-0155-7	Article	Scopus
337	Dhingra S., Madda R.B., Gandomi A.H., Patan R., Daneshmand M.	Internet of things mobile-air pollution monitoring system (IoT-Mobair)	2019	6	3	8663367	42	10.1109/IJOT.2019.2903821	Article	Scopus
338	Singh D., Parihar A.K., Patel S., Srivastava S., Diwan P., Singh M.R.	Scleroderma: An insight into causes, pathogenesis and treatment strategies	2019	26	2		8	10.1016/j.pathophys.2019.05.003	Review	Scopus
339	Madhavan P., Thamizharasi V., Ranjith Kumar M.V., Suresh Kumar A., Asaduzzaman Jabin M., Sampathkumar A.	Numerical investigation of temperature dependent water infiltrated D-shaped dual core photonic crystal fiber (D-DC-PCF) for sensing applications	2019	13		102289	8	10.1016/j.rinp.2019.102289	Article	Scopus
340	Kumar P., Kumari S., Sharma V., Li X., Sangaiyah A.K., Islam S.H.	Secure CLS and CL-AS schemes designed for VANETs	2019	75	6		21	10.1007/s11227-018-2312-y	Article	Scopus
341	Ramana T.V., Pandian A., Ellammal C., Jarin T., Rashed A.N.Z., Sampathkumar A.	Numerical analysis of circularly polarized modes in coreless photonic crystal fiber	2019	13		102140	8	10.1016/j.rinp.2019.02.076	Article	Scopus
342	Chandravanshi L.P., Gupta R., Shukla R.K.	Arsenic-Induced Neurotoxicity by Dysfunctioning Cholinergic and Dopaminergic System in Brain of Developing Rats	2019	189	1		9	10.1007/s12011-018-1452-5	Article	Scopus
343	Sharma V., Walde P., Siddiqui A.S.	A New Hybrid PSOGSA-TVAC Algorithm for Transmission Line Congestion Management in Deregulated Environment	2019			8711773	2	10.1109/SPIN.2019.8711773	Conference Paper	Scopus
344	Bhat R., Khanam R.	Integrated power and clock distribution circuits in a wired and wireless clock network	2019	8	7				Article	Scopus
345	Vajpavee A., Ramachandran K.K.	Reconnoitring artificial intelligence in knowledge management	2019	8	7				Article	Scopus
346	Vajpayee A., Karthick K.K.	Organizational pyramid and size as a moderator variable in manufacturing industries of Bhutan	2019	8	7				Article	Scopus
347	Prasad S., Purwar S., Kishor N.	Non-linear sliding mode control for frequency regulation with variable-speed wind turbine systems	2019	107			7	10.1016/j.jepes.2018.11.005	Article	Scopus
348	Tiwari R.N., Singh P., Kanaujia B.K.	A modified microstrip line fed compact UWB antenna for WiMAX/ISM/WLAN and wireless communications	2019	104			11	10.1016/j.aeue.2019.03.008	Article	Scopus
349	Ahmad N., Ahmad R., Alam M.A., Ahmad F.J., Amir M., Pottou F.H., Sarafroz M., Jafar M., Umar K.	Daunorubicin oral bioavailability enhancement by surface coated natural biodegradable macromolecule chitosan based polymeric nanoparticles	2019	128			24	10.1016/j.ijbiomac.2019.01.142	Article	Scopus
350	Khanam R., Khan R., Ranjan R.	Analysis of Finger Vein Feature Extraction and Recognition using da and KNN Methods	2019			8701253	2	10.1109/AICAL.2019.8701253	Conference Paper	Scopus
351	Mittal G., Sharma M., Khatri S.K., Johri P.	Optimizing Autonomous Vehicles to Prevent On-Road Congestion	2019			8701385		10.1109/AICAL.2019.8701385	Conference Paper	Scopus
352	Dutta K., Sharma M., Sharma U., Khatri S.K., Johri P.	Information Gain Model for Efficient Influential Node Identification in Social Networks	2019			8701344		10.1109/AICAL.2019.8701344	Conference Paper	Scopus
353	Kumar R., Chattopadhyaya S., Agrawal B.P., Kumar S., Devkumaran K., Arvindan S.	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	2019	6	7	76572	3	10.1088/2053-1591/ab16fe	Article	Scopus
354	Pandey R., Singh A., Kashyap A., Anand A.	Comparative Study on Realtime Data Processing System	2019			8777499	1	10.1109/IoT-SIU.2019.8777499	Conference Paper	Scopus
355	Dwivedi N.	An analysis on the effects of social media on e-commerce in India	2019	9	1				Article	Scopus
356	SURESH P., MATHIYALAGAN P., SRIKANTH K.S.	Electrocaloric behavior of Ba0.85Ca0.15Zr0.1Ti0.88Sn0.02O3 cement composites	2019	29	4		1	10.1016/S1003-6326(19)64989-7	Article	Scopus
357	Sachdeva M., Kumar A.	Intelligent software agent	2019	7	6				Article	Scopus
358	Mandal K., Ghantasala G.S.P.	A complete survey on technological challenges of IoT in security and privacy	2019	7	6		1		Article	Scopus
359	Ghosh S., Gupta U.K., Ghosh U., Shetty S.	A Grid based Approach for Handwritten Text Segmentation	2019	2019-April		9020578		10.1109/SoutheastCon42311.2019.9020578	Conference Paper	Scopus
360	Shankar A., Jaisankar N., Khan M.S., Patan R., Balamurugan B.	Hybrid model for security-aware cluster head selection in wireless sensor networks	2019	9	2		4	10.1049/iet-wss.2018.5008	Article	Scopus
361	Pandi V., Perumal P., Balusamy B., Karuppiah M.	A novel performance enhancing task scheduling algorithm for cloud-based e-health environment	2019	10	2		7	10.4018/DEHMC.2019040106	Article	Scopus
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363	Tiwari S., Sharma V., Mujawar M., Mishra Y.K., Kaushik A., Ghosal A.	Biosensors for epilepsy management: State-of-art and future aspects	2019	19	7	1525	8	10.3390/s19071525	Review	Scopus
364	Raj M., Chandan S.	Real-time vehicle and pedestrian detection through SSD in Indian Traffic conditions	2019			8675105	2	10.1109/GUCON.2018.8675105	Conference Paper	Scopus
365	Saini K.	A future's dominant technology blockchain: Digital transformation	2019			8675075		10.1109/GUCON.2018.8675075	Conference Paper	Scopus
366	Saeed F., Dixit A.	Digital watermarking techniques for content integrity on E-learning systems	2019			8675038		10.1109/GUCON.2018.8675038	Conference Paper	Scopus
367	Shivi, Varshney L., Mishra A., Joshi S.	Electric power generation from piezoelectric system under several configurations	2019			8675058	4	10.1109/GUCON.2018.8675058	Conference Paper	Scopus
368	Agarwal K., Agarwal K., Muruganandam K.	Low energy adaptive clustering hierarchy (LEACH) Protocol: Simulation and analysis using MATLAB	2019			8674988	1	10.1109/GUCON.2018.8674988	Conference Paper	Scopus
369	Luthra R.	Message from Patron	2019			8674926		10.1109/GUCON.2018.8674926	Editorial	Scopus
370	Galgotia S., Galgotia D.	Message from Chief Patron	2019			8674926		10.1109/GUCON.2018.8674926	Editorial	Scopus
371	Varshney L., Meenakshi, Joshi S., Debnath D.	Comparison between several mitigation techniques of inrush current in transformer	2019			8674951	3	10.1109/GUCON.2018.8674951	Conference Paper	Scopus

372	Bhardwaj I., Khara S.	Research trends in architecture, security, services and applications of internet of vehicles (IOV)	2019			8674992		10.1109/GUCON.2018.8674992	Conference Paper	Scopus
373	Chaudhary N., Verma M.K., Jha S.K.	Performance evaluation space-time interest points using branching particle filters	2019			8674991		10.1109/GUCON.2018.8674991	Conference Paper	Scopus
374	Mehta G., Yadav V.K.	Design of photovoltaic and fuel cells based distributed generation system: Entire system survey	2019			8675106		10.1109/GUCON.2018.8675106	Conference Paper	Scopus
375	Kumar S., Swetha S., Kiran V.T., Johri P.	IoT based smart home surveillance and automation	2019			8674999	7	10.1109/GUCON.2018.8674999	Conference Paper	Scopus
376	Shinde S., Kumar S., Johri P.	A review: Eye tracking interface with embedded system & IOT	2019			8674924	1	10.1109/GUCON.2018.8674924	Conference Paper	Scopus
377	Tomar N., Srivastava R., Verma J.K.	Mining public opinion on aadhaar card linking in India	2019			8674918		10.1109/GUCON.2018.8674918	Conference Paper	Scopus
378	Ponmaniraj S., Rashmi R., Anand M.V.	IDS based network security architecture with TCP/IP parameters using machine learning	2019			8674974	2	10.1109/GUCON.2018.8674974	Conference Paper	Scopus
379	Tomar N., Srivastava R., Verma J.K.	Analysing public sentiment on GST implementation in India	2019			8675016		10.1109/GUCON.2018.8675016	Conference Paper	Scopus
380	Mehta G., Mitra G., Yadav V.K.	Application of IoT to optimize data center operations	2019			8674939	1	10.1109/GUCON.2018.8674939	Conference Paper	Scopus
381	Bansal B., Soni S., Jain N., Mishra V.K.	An analytical time-domain channel characterization of UWB propagation in railway environment	2019			8674890		10.1109/GUCON.2018.8674890	Conference Paper	Scopus
382	Indu, Khara S.	Internet of vehicles (IOV): Evolution, architectures, security issues and trust aspects	2019	7	6		1		Article	Scopus
383	Dubey K., Sharma V., Gupta A., Srivastava A., Mishra S., Rajpoot P.	Load Balanced Clustering protocol for lifetime enhancement of WSN	2019			8819854		10.1109/ICCMC.2019.8819854	Conference Paper	Scopus
384	Hati M.K., Bhattacharyya T.K.	A constant loop bandwidth in delta sigma fractional-N PLL frequency synthesizer with phase noise cancellation	2019	65				10.1016/j.vlsi.2018.12.003	Article	Scopus
385	Bansal B., Mishra V.K., Soni S., Jain N.	Deterministic Millimeter-Wave Channel Modeling Based on Ray-Tracing in Urban Scenario	2019			8938246		10.1109/ICSC45622.2019.8938246	Conference Paper	Scopus
386	Hati M.K., Bhattacharyya T.K.	A High Power GaN MMIC 36.5 Watt X Band Power Amplifier	2019	2018-October		8650508		10.1109/TENCON.2018.8650508	Conference Paper	Scopus
387	Hati M.K., Bhattacharyya T.K.	A New Open Loop Linearization Technique for Power Amplifier Circuit in MMIC for 5G Wireless Backhaul Application	2019	2018-October		8650481		10.1109/TENCON.2018.8650481	Conference Paper	Scopus
388	Saju S., Ghosh S., Ghoshz U.	EFA-An efficient algorithm for front allocation in non-dominated sorting	2019			8642790		10.1109/ISSPIT.2018.8642790	Conference Paper	Scopus
389	Charanpahari A., Gupta N., Devthade V., Ghugal S., Bhatt J.	Ecofriendly nanomaterials for sustainable photocatalytic decontamination of organics and bacteria	2019	3				10.1007/978-3-319-68255-6_179	Book Chapter	Scopus
390	Namasudra S.	An improved attribute-based encryption technique towards the data security in cloud computing	2019	31	3	e4364	19	10.1002/cpe.4364	Conference Paper	Scopus
391	Sreehari E., Pradeep Ghantasala G.S.	Climate changes prediction using simple linear regression	2019	16	2			10.1166/jctn.2019.7785	Article	Scopus
392	Srivastava P.K., Pandey S.P., Gupta N., Singh S.P., Ojha R.P.	Modeling and analysis of antimicrobial effect on wireless sensor network	2019			8821631		10.1109/CCOMS.2019.8821631	Conference Paper	Scopus
393	Gopinath M.P., Tamizharasi G.S., Kavisankar L., Sathiyaraj R., Karthi S., Aarth S.L., Balamurugan B.	A secure cloud-based solution for real-time monitoring and management of Internet of underwater things (IOUT)	2019	31			7	10.1007/s00521-018-3774-9	Article	Scopus
394	Indrakumari R., Poongodi T., Suresh P., Balamurugan B.	The growing role of internet of things in healthcare wearables	2019				1	10.1016/B978-0-12-819593-2.00006-6	Book Chapter	Scopus
395	Sachan N., Bahadur S., Sharma P.K.	Recent advances and novel approaches for nose to brain drug delivery for treatment of migraine	2019	9	3		1	10.2174/2210303109666190508083142	Article	Scopus
396	Indu, Khara S.	Review of nature and computation methods of trust models in vehicular networks	2019	11			7 Special		Review	Scopus
397	Kori S.	Cloud point extraction coupled with back extraction: a green methodology in analytical chemistry	2019				3	10.1080/20961790.2019.1643567	Review	Scopus
398	Rameshkumar C., Viswanathan R., Kousik N.V.	An efficient elliptic curve cryptography (ECC) encryption scheme for wireless body area network healthcare system	2019	11			8 Special Issue		Article	Scopus
399	Nagarajan G., Sampath Kumar K.	A security risk on data storage in cloud based system-survey	2019	10	2		1		Article	Scopus
400	Katti A.	Target coverage in random wireless sensor networks using cover sets	2019				7	10.1016/j.jksuci.2019.05.006	Article	Scopus
401	Gaur D., Aggarwal S.	Selection of software development model using TOPSIS methodology	2019	847			1	10.1007/978-981-13-2254-9_11	Conference Paper	Scopus
402	Khanam R., Haseen Z., Rahman N., Singh J.	Performance analysis of iris recognition system	2019	847			1	10.1007/978-981-13-2254-9_14	Conference Paper	Scopus
403	Karthikeyan S., Patan R., Balamurugan B.	Enhancement of security in the internet of things (IoT) by using X.509 authentication mechanism	2019	524			5	10.1007/978-981-13-2685-1_22	Conference Paper	Scopus
404	Singh M., Sachan S., Singh A., Singh K.K.	Internet of Things in pharma industry: Possibilities and challenges	2019					10.1016/B978-0-12-819593-2.00007-8	Book Chapter	Scopus
405	Rameshkumar C., Hemlathadhevi A.	Automatic edge detection and growth prediction of pleural effusion using raster scan algorithm	2019	28				10.1007/978-981-13-6459-4_9	Book Chapter	Scopus
406	Kumar C.R., Uma K.	Dog breed classifier using non-linear convolutional neural network (CNN)	2019	11			8 Special		Article	Scopus
407	Uma K., Rameshkumar C.	Human body and face recognition using local binary pattern histogram algorithm	2019	11			8 Special		Article	Scopus
408	Dome M.M., Prusty S.	Critical analysis of factors impacting trust and opportunism in agri-food supply chains: The case of tomato in the Northern Tanzania	2019	9			4	10.1504/IJBPIM.2019.105677	Article	Scopus
409	Suri A., Sharma S.K., Yadav D.K.	Moving object detection using optical flow and fuzzy algorithm	2019	11			11 Special	10.5373/JARDCS/V11ISP11/20193105	Article	Scopus
410	Poongodi T., Rathee A., Indrakumari R., Suresh P.	IoT sensing capabilities: Sensor deployment and node discovery, wearable sensors, wireless body area network (WBAN), data acquisition	2019	174			1	10.1007/978-3-030-33596-0_5	Book Chapter	Scopus
411	Shukla A.K., Pippal S.K., Chauhan S.S.	An empirical evaluation of teaching-learning-based optimization, genetic algorithm and particle swarm optimization	2019				6	10.1080/1206212X.2019.1686562	Article	Scopus
412	Mallikarjuna B., Arun Kumar Reddy D.	The role of load balancing algorithms in next generation of cloud computing	2019	11			7 Special		Article	Scopus
413	Kaimal A.B., Priestly Shan B.	Removing the traces of median filtering via unsharp masking as an anti-forensic approach in medical imaging	2019	12			3	10.13005/bpj/1768	Article	Scopus
414	Dohare A., Tulika, Mallikarjuna B.	Data collection in wireless sensor networks using prediction method	2019	11			9 Special	10.5373/JARDCS/V11/20192637	Article	Scopus
415	Jeba Shiney O., Amar Pratap Singh J., Priestly Shan B.	Extraction of fetal features from B mode ultrasonograms for efficient diagnosis of down syndrome in first and second trimester	2019	12			3	10.13005/bpj/1741	Article	Scopus

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417	Haidri R.A., Katti C.P., Saxena P.C.	Capacity based deadline aware dynamic load balancing (CPDALB) model in cloud computing environment	2019				2	10.1080/1206212X.2019.1640932	Article	Scopus	
418	Dube S., Sharma K.	Hybrid approach to enhance contrast of image for forensic investigation using segmented histogram	2019	13	1-2		5	10.1504/IJAIP.2019.099943	Article	Scopus	
419	Suresh K., Rizwan P., Balamurugan B., Rajasekharababu M., Sreeji S.	To Identify Visible or Non-visible-Based Vehicular Ad Hoc Networks Using Proposed BBICR Technique	2019	924				10.1007/978-981-13-6861-5_12	Conference Paper	Scopus	
420	Singhal A., Bansal A., Kumar A.	An Approach for Test Case Prioritization Using Harmony Search for Aspect-Oriented Software Systems	2019	904			1	10.1007/978-981-13-5934-7_23	Conference Paper	Scopus	
421	Kumar V., Ahmad M., Kumar P.	An Identity-Based Authentication Framework for Big Data Security	2019	46			9	10.1007/978-981-13-1217-5_7	Book Chapter	Scopus	
422	Dwivedi R.K., Aggarwal M., Keshari S.K., Kumar A.	Sentiment analysis and feature extraction using rule-based model (RBM)	2019	56			3	10.1007/978-981-13-2354-6_7	Book Chapter	Scopus	
423	Mallikarjuna B., Dohare A., Shahajad M., Tulika	Master slave scheduling architecture for data processing on internet of things	2019	8	5		2		Article	Scopus	
424	Mallikarjuna B., Dohare A., Shahajad M., Tulika	Feed forward approach for data processing in IoT over cloud	2019	8	5		2		Article	Scopus	
425	Chauhan S.B., Naved T., Parvez N.	Formulation and development of transdermal drug delivery system of ethinylestradiol and testosterone: In vitro evaluation	2019	11	1		1	10.22159/ijap.2019v11i1.28564	Article	Scopus	
426	Chauhan S.B., Naved T., Parvez N.	Effect of hydrophilic and hydrophobic polymer matrix on the transdermal drug delivery of ethinylestradiol and medroxyprogesterone acetate	2019	11	1		2	10.22159/ijap.2019v11i1.29886	Article	Scopus	
427	Mohapatra B., Sain K.	Protecting multicast sessions against single-link failure in survivable WDM mesh networks	2019	847				10.1007/978-981-13-2254-9_7	Conference Paper	Scopus	
428	Saxena M., Shaw R.N., Verma J.K.	A novel hash-based mutual RFID tag authentication protocol	2019	847				10.1007/978-981-13-2254-9_1	Conference Paper	Scopus	
429	Gupta S., Tiwari P., Singh K.	Study of various technologies in solar power generation	2019	741				10.1007/978-981-13-0761-4_49	Conference Paper	Scopus	
430	Dhingra P., Gayathri N., Rakesh Kumar S., Singanamalla V., Ramesh C., Balamurugan B.	Internet of Things-based pharmaceuticals data analysis	2019					10.1016/B978-0-12-819593-2.00004-2	Book Chapter	Scopus	
431	Samui P., Jagan J., Kim D.	Development of equation for determining the compression index of marine clay	2019	48	11				Article	Scopus	
432	Poonam, Kumar H., Singh S.P.	An energy constraint approach to improve lifetime and reduce routing overhead in heterogeneous MANET	2019	13	3			10.5614/itbj.ict.res.appl.2019.13.3.4	Article	Scopus	
433	Daniel A., Krishnaraj N.	Optimization of load balancing using hybrid aco	2019	11			8 Special		Article	Scopus	
434	Daniel A., Rajakumar P., Kousik N.V., Yuvaraj N., Jayasri S.	A survey on various load balancing algorithm to improve the task scheduling in cloud computing environment	2019	11			8 Special Issue	5		Article	Scopus
435	Malviya R., Sharma P.K., Dubey S.K.	Characterization of neem (Azadirachita indica) gum exudates using analytical tools and pharmaceutical approaches	2019	15	6		2	10.2174/1573401314666180821150254	Article	Scopus	
436	Aruna S.K., Sindhanaiselvan K., Kumaresan M.	A unique adventure - unity based 3D game	2019	11			2 Special		Article	Scopus	
437	Dhull A., Khanna K., Singh A., Gupta G.	ACO inspired computer-aided detection/diagnosis (CADE/CADx) model for medical data classification	2019	12	4		1	10.2174/2213275912666181205155018	Article	Scopus	
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439	Yadav S.K., Tayal D.K., Shivhare S.N.	Perplexed Bayes classifier-based secure and intelligent approach for aspect level sentiment analysis	2019	13	1-2			10.1504/IJAIP.2019.099941	Article	Scopus	
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441	Renold Elsen S., Jegadeesan K., Ronald Aseer J.	A Comparative Study of Flow Characteristics of BMW M6 and AUDI R8 Commercial Sports Car Using Flow Design Software	2019					10.1007/978-981-13-6374-0_29	Book Chapter	Scopus	
442	Warsi F., Khanam R., Kamya S., Suárez-Araujo C.P.	An efficient 3D color-texture feature and neural network technique for melanoma detection	2019	17		100176	5	10.1016/j.imu.2019.100176	Article	Scopus	
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444	Anuradha, Singh A., Gupta G.	ANT-FDCSM: A novel fuzzy rule miner derived from ant colony meta-heuristic for diagnosis of diabetic patients	2019	36	1		2	10.3233/JIFS-172240	Article	Scopus	
445	Pradhan S., Pradhan G., Naik S.N.	Analysis of antinutritional components of oil and meal in different provenances of jatropha curcas from India	2019	31	3			10.14233/ajchem.2019.21698	Article	Scopus	
446	Gautam P., Ansari M.D., Sharma S.K.	Enhanced security for electronic health care information using obfuscation and RSA algorithm in cloud computing	2019	13	1		10	10.4018/DISP.2019010105	Article	Scopus	
447	Kumar S., Negi A., Singh J.N.	Semantic segmentation using deep learning for brain tumor mri via fully convolution neural networks	2019	106			6	10.1007/978-981-13-1742-2_2	Conference Paper	Scopus	
448	Goyal S., Amar S.K., Srivastav A.K., Chopra D., Pal M.K., Arjaria N., Ray R.S.	Corrigendum to "ROS mediated crosstalk between endoplasmic reticulum and mitochondria by Phloxine B under environmental UV irradiation" (ROS mediated crosstalk between endoplasmic reticulum and mitochondria by Phloxine B under environmental UV irradiation (2016) 161 (284–294), (S1011134416300495) (10.1016/j.jphotobiol.2016.05.031))	2019	190			1	10.1016/j.jphotobiol.2018.09.020	Erratum	Scopus	
449	Prasad S., Purwar S., Kishor N.	Load frequency regulation using observer based non-linear sliding mode control	2019	104			12	10.1016/j.ijepes.2018.06.035	Article	Scopus	
450	Padikkapparambil J., Neube C., Singh K.K., Singh A.	Internet of things technologies for elderly health-care applications	2019					10.1016/B978-0-12-819593-2.00008-X	Book Chapter	Scopus	
451	Rathee M., Kumar S., Gandomi A.H., Dilip K., Balusamy B., Patan R.	Ant Colony Optimization Based Quality of Service Aware Energy Balancing Secure Routing Algorithm for Wireless Sensor Networks	2019				2	10.1109/TEM.2019.2953889	Article	Scopus	
452	Aggarwal S., Paliwal D., Kaushik D., Gupta G.K., Kumar A.	Synthesis, antimalarial evaluation and SAR study of some 1,3,5-trisubstituted pyrazoline derivatives	2019	16	10		1	10.2174/1570178616666190212145754	Article	Scopus	
453	Alzubi J.A., Manikandan R., Alzubi O.A., Gavathri N., Patan R.	A survey of specific iot applications	2019	10	1		6		Article	Scopus	
454	Poongodi T., Khan M.S., Patan R., Gandomi A.H., Balusamy B.	Robust Defense Scheme Against Selective Drop Attack in Wireless Ad Hoc Networks	2019	7		8628956	6	10.1109/ACCESS.2019.2896001	Article	Scopus	

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456	Srivastava R., Bhatia M.P.S., Tayal V., Verma J.K.	Framework for real-world event detection through online social networking sites	2019	847			1	10.1007/978-981-13-2254-9_17	Conference Paper	Scopus
457	Das S., Das L., Singh R.P., Johri P., Kumar A.	Trust-based scheme for location finding in VANETs using trustworthiness of node	2019	847			3	10.1007/978-981-13-2254-9_5	Conference Paper	Scopus
458	Basha S.M., Rajput D.S., Bhushan S.B., Poluru R.K., Patan R., Manikandan R., Kumar A.	Recent trends in sustainable big data predictive analytics: Past contributions and future roadmap	2019	10	2		1		Article	Scopus
459	Lawanya Shri M., Ganga Devi E., Balusamy B., Kadry S., Misra S., Odusami M.	A fuzzy based hybrid firefly optimization technique for load balancing in cloud datacenters	2019	939			2	10.1007/978-3-030-16681-6_46	Conference Paper	Scopus
460	Tiwari R.N., Singh P., Kanaujia B.K., Barman P.B.	Wideband Monopole Planar Antenna with Stepped Ground Plane for WLAN/WiMAX Applications	2019	958				10.1007/978-981-13-3804-5_19	Conference Paper	Scopus
461	Raghunathan K., Soundarapandian R.K., Gandomi A.H., Ramachandran M., Patan R., Madda R.B.	Duo-Stage Decision: A Framework for Filling Missing Values, Consistency Check, and Repair of Decision Matrices in Multicriteria Group Decision Making	2019					10.1109/TEM.2019.2928569	Article	Scopus
462	Thillaiarasu N., Pandian S.C., Vijayakumar V., Prabakaran S., Ravi L., Subramaniaswamy V.	Designing a trivial information relaying scheme for assuring safety in mobile cloud computing environment	2019				1	10.1007/s11276-019-02113-4	Article	Scopus
463	Sekaran K., Khan M.S., Patan R., Gandomi A.H., Krishna P.V., Kallam S.	Improving the Response Time of M-Learning and Cloud Computing Environments Using a Dominant Firefly Approach	2019	7		8640814	9	10.1109/ACCESS.2019.2896253	Article	Scopus
464	Jain L.C., Balas V.E., Johri P.	Preface	2019	847					Editorial	Scopus
465	Suresh P., Poongodi T.	Evaluation of surface roughness during turning of Al-SiC and Al-SiC-Gr composites	2018	14	5			10.1108/MMMS-11-2017-0138	Article	Scopus
466	Singh S.P., Kumar H.	SSFS: A stackable survivable storage file system	2018			8777719		10.1109/CCAA.2018.8777719	Conference Paper	Scopus
467	Galgotia S.	Message from chancellor	2018			8777723		10.1109/CCAA.2018.8777723	Editorial	Scopus
468	Thirunavukkarasu K., Singh A.S., Rai P., Gupta S.	Classification of IRIS dataset using classification based KNN Algorithm in supervised learning	2018			8777643	2	10.1109/CCAA.2018.8777643	Conference Paper	Scopus
469	Yadav S., Rajput N.K., Sagar A.K., Maheshwari D.	Secure and reliable routing protocols for VANETs	2018			8777690	1	10.1109/CCAA.2018.8777690	Conference Paper	Scopus
470	Thirunavukkarasu K., Singh A.S., Irfan M., Chowdhury A.	Prediction of liver disease using classification Algorithms	2018			8777655	3	10.1109/CCAA.2018.8777655	Conference Paper	Scopus
471	Luthra R.	Message from vice chancellor	2018			8777723		10.1109/CCAA.2018.8777723	Editorial	Scopus
472	Irfan S., Ghosh S.	Analysis challenges of web ranking Algorithms	2018			8777451		10.1109/CCAA.2018.8777451	Conference Paper	Scopus
473	Kumar S.	Message from general chair	2018			8777723		10.1109/CCAA.2018.8777723	Editorial	Scopus
474	Galgotia D.	Message from CEO	2018			8777723		10.1109/CCAA.2018.8777723	Editorial	Scopus
475	Sreehari E., Srivastava S.	Prediction of climate variable using multiple linear regression	2018			8777452		10.1109/CCAA.2018.8777452	Conference Paper	Scopus
476	Singh R., Kathuria K., Sagar A.K.	Secure routing protocols for wireless sensor networks	2018			8777557	1	10.1109/CCAA.2018.8777557	Conference Paper	Scopus
477	Joseph N., Murugan D., Ramya A., Ganesh Kumar T.	Performance study on brain tumor segmentation techniques	2018			8777660		10.1109/CCAA.2018.8777660	Conference Paper	Scopus
478	Ramya A., Kumar T.G., Murugan D.	Performance analysis of the bio-inspired algorithm with adaptive recursive denoising	2018			8777461		10.1109/CCAA.2018.8777461	Conference Paper	Scopus
479	Cynthia J., Sankari M., Suguna M., Kumar D.R.	Survey on disaster management using VANET	2018			8777331		10.1109/CCAA.2018.8777331	Conference Paper	Scopus
480	Lalitha K., Varadhaganapathy S., Santhoshi S., Kumar D.R.	A review on possibilities of hearing loss and implantable hearing devices for teenagers	2018			8777336		10.1109/CCAA.2018.8777336	Conference Paper	Scopus
481	Prasanth T., Gunasekaran M., Kumar D.R.	Big data applications on health care	2018			8777586		10.1109/CCAA.2018.8777586	Conference Paper	Scopus
482	Arora P., Dixit A.	Cloud testing-proposed framework with its scope, importance, methodologies, challenges	2018			8777697		10.1109/CCAA.2018.8777697	Conference Paper	Scopus
483	Srikrishnaswetha K., Kumar S., Johri P.	Comparison study on various face detection techniques	2018			8777656	1	10.1109/CCAA.2018.8777656	Conference Paper	Scopus
484	Chahar R.K., Prasad S.	Comparison of a novel method based on taguchi's loss function with NSGA II algorithm for a solution of economic dispatch of an all-thermal power system	2018			8777601		10.1109/CCAA.2018.8777601	Conference Paper	Scopus
485	Pattanaik L., Pradhan S., Shaoo N.K., Naik S.N.	Extraction and rapid quantification of pure bixin from bixa orellana L.	2018	9	4				Article	Scopus
486	Singh A., Singh K.K.	Unsupervised change detection in remote sensing images using fusion of spectral and statistical indices	2018	21	3		11	10.1016/j.ejrs.2018.01.006	Article	Scopus
487	Kumar S., Negi A., Singh J.N., Verma H.	A deep learning for brain tumor MRI images semantic segmentation using FCN	2018			8777675	4	10.1109/CCAA.2018.8777675	Conference Paper	Scopus
488	Paul S., Verma J.K., Datta A., Shaw R.N., Saikia A.	Deep learning and its importance for early signature of neuronal disorders	2018			8777527	1	10.1109/CCAA.2018.8777527	Conference Paper	Scopus
489	Anand A., Krishna A., Tiwari R., Sharma R.	Comparative analysis between proprietary software VS. Open-source software VS. free software	2018			8745951	2	10.1109/PDGC.2018.8745951	Conference Paper	Scopus
490	Sk W.H., Wilfred Blessing N.R., Johri P., Singh S.P., Sutherlin Subitha G.	EEapp: An effective application for mobile based student centered learning system	2018			8777733	1	10.1109/CCAA.2018.8777733	Conference Paper	Scopus
491	Ahmad N., Ahmad R., Alam M.A., Ahmad F.J.	Enhancement of oral bioavailability of doxorubicin through surface modified biodegradable polymeric nanoparticles	2018	12	1	65	24	10.1186/s13065-018-0434-1	Article	Scopus
492	Paul B.K., Rajesh E., Asaduzzaman S., Islam M.S., Ahmed K., Amiri I.S., Zakaria R.	Design and analysis of slotted core photonic crystal fiber for gas sensing application	2018	11			14	10.1016/j.rinp.2018.10.004	Article	Scopus
493	Annamalai S., Kumaresan M., Venkatesan G.K.D.P.	A low profile higher band IOT antenna for security applications	2018	2039		20048	1	10.1063/1.5079007	Conference Paper	Scopus
494	Ahmad N., Ahmad R., Alam M.A., Ahmad F.J., Amir M.	Impact of ultrasonication techniques on the preparation of novel Amiloride-nanoemulsion used for intranasal delivery in the treatment of epilepsy	2018	46	sup3		14	10.1080/21691401.2018.1489826	Article	Scopus
495	Rani L., Singh V.	Thermal disturbances in twinned orthotropic thermoelastic material	2018	23	4		1	10.2478/ijame-2018-0050	Article	Scopus
496	Verma M.K., Yadav V.K., Mukherjee V., Mehta G.	Planning and optimizing the cost of DGs for Stability of Green Field Distribution Network	2018			8519912		10.1109/IoT-SIU.2018.8519912	Conference Paper	Scopus
497	Kumar A., Ansari A.Q., Kanaujia B.K., Kishor J., Kandpal P.	Design of CPW-Fed triple-band two-port MIMO antenna with U-Shaped slot isolation structure for high isolation	2018			8877330	1	10.1109/IMaRC.2018.8877330	Conference Paper	Scopus
498	Irfan S., Ghosh S.	A Review on Different Ranking Algorithms	2018			8748837	3	10.1109/ICACCCN.2018.8748837	Conference Paper	Scopus
499	Saini K., Agarwal V., Varshney A., Gupta A.	E2EE for Data Security for Hybrid Cloud Services: A Novel Approach	2018			8748782	1	10.1109/ICACCCN.2018.8748782	Conference Paper	Scopus
500	Rai K.M., Yadav A., Sagar A.K., Sagar S.	Security Provision in VANETs Using Group Based Key Share Algorithm	2018			8748323	1	10.1109/ICACCCN.2018.8748323	Conference Paper	Scopus

501	Yadav L., Kumar S., Kumarsagar A., Sahana S.	Architecture, Applications and Security for IOV: A Survey	2018				8748363		10.1109/ICACCCN.2018.8748363	Conference Paper	Scopus
502	Varshney R.K., Sagar A.K.	An Improved AODV Protocol to Detect Malicious Node in Ad hoc Network	2018				8748359		10.1109/ICACCCN.2018.8748359	Conference Paper	Scopus
503	Ahmad S., Singh P., Sagar A.K.	A Survey on Big Data Analytics	2018				8748774	1	10.1109/ICACCCN.2018.8748774	Conference Paper	Scopus
504	Kaushik R., Arora T., Sukanya, Tripathi R.	Design of Ewriter for ALS Patients through Eyecon	2018				8748520		10.1109/ICACCCN.2018.8748520	Conference Paper	Scopus
505	Raj M., Chandan D.S.	Pedestrian and Vehicle Detection Using Night-Vision Camera through CNN on Indian Roads	2018				8748339		10.1109/ICACCCN.2018.8748339	Conference Paper	Scopus
506	Kumar P., Sharma V.	Insecurity of a Certificateless Signature Scheme	2018				8748296		10.1109/ICACCCN.2018.8748296	Conference Paper	Scopus
507	Gupta B., Kumar A., Dwivedi R.K.	Big Data and Its Applications- A Review	2018				8748743		10.1109/ICACCCN.2018.8748743	Conference Paper	Scopus
508	Arora P., Dixit A.	Comparison of Traditional Testing and Cloud Testing	2018				8748403		10.1109/ICACCCN.2018.8748403	Conference Paper	Scopus
509	Kativar S., Kumar S.	An Efficient Topology Management Algorithm in MANETs	2018				8748563	1	10.1109/ICACCCN.2018.8748563	Conference Paper	Scopus
510	Kumar P., Sharma V.	Insecurity of a Secure Certificate-Based Signature Scheme	2018				8748312	1	10.1109/ICACCCN.2018.8748312	Conference Paper	Scopus
511	Namasudra S., Roy P.	PpBAC: Popularity based access control model for cloud computing	2018	30	4			16	10.4018/JOEUC.2018100102	Article	Scopus
512	Kumar B., Bhaduri S.	Disaster risk in the urban villages of Delhi	2018	31				5	10.1016/j.jdr.2018.04.022	Article	Scopus
513	Alam M., Haidri R.A., Shahid M.	Enhanced load balancing strategy with migration cost on heterogeneous distributed systems	2018				9007257	1	10.1109/IC3I44769.2018.9007257	Conference Paper	Scopus
514	Malik A., Kumar R., Singh S.	A New Image Steganography Technique Based on Pixel Intensity and Similarity in Secret Message	2018				8748668	1	10.1109/ICACCCN.2018.8748668	Conference Paper	Scopus
515	Vij A., Sharma V., Nand P.	Selfish Node Detection using Game Theory in MANET	2018				8748632	1	10.1109/ICACCCN.2018.8748632	Conference Paper	Scopus
516	Saha A.K., Kumar A., Tyagi V., Das S.	Big Data and Internet of Things: A Survey	2018				8748630		10.1109/ICACCCN.2018.8748630	Conference Paper	Scopus
517	Berwal D., Kumar A., Kumar Y.	Design of high performance QRS complex detector for wearable healthcare devices using biorthogonal spline wavelet transform	2018	81				12	10.1016/j.isatra.2018.08.002	Article	Scopus
518	Malviya R., Sharma P.K., Dubey S.K.	Stability facilitation of nanoparticles prepared by ultrasound assisted solvent-antisolvent method: Effect of neem gum, acrylamide grafted neem gum and carboxymethylated neem gum over size, morphology and drug release	2018	91				8	10.1016/j.msec.2018.06.013	Article	Scopus
519	Kumar S., Negi A., Singh J.N., Gaurav A.	Brain Tumor Segmentation and Classification Using MRI Images via Fully Convolution Neural Networks	2018				8748614	1	10.1109/ICACCCN.2018.8748614	Conference Paper	Scopus
520	Islam S.H., Vijayakumar P., Bhuiyan M.Z.A., Amin R., Rajeev V., Balusamy B.	A Provably Secure Three-Factor Session Initiation Protocol for Multimedia Big Data Communications	2018	5	5		8010815	8	10.1109/IIOT.2017.2739921	Article	Scopus
521	Varshney L., Shivi	Enhanced Power Generation from Piezoelectric System under Partial Vibration Condition	2018				8468920	3	10.1109/WIECON-ECE.2017.8468920	Conference Paper	Scopus
522	Srinivasan B.N., Mukherjee D.	Agile teams as complex adaptive systems (CAS)	2018	10	3			1	10.1007/s41870-018-0122-3	Article	Scopus
523	Hati M.K., Bhattacharyya T.K.	Phase noise analysis of proposed PFD and CP switching circuit and its advantages over various PFD/CP switching circuits in phase-locked loops	2018	63				1	10.1016/j.vlsi.2018.06.002	Article	Scopus
524	Sangwan V., Sharma A., Kumar M., Singh A.	An improved high payload steganography mechanism using hybrid edge detector	2018				8742844		10.1109/ICMETE.2018.00036	Conference Paper	Scopus
525	Anant R., Dahiya J.P., Agrawal B.P., Ghosh P.K., Kumar R., Kumar S., Kumar K.	SMA, GTA and P-GMA dissimilar weld joints of 304LN stainless steel to HSLA steel; Part-2: Hot corrosion kinetics	2018	5	9		96503	3	10.1088/2053-1591/aad3fd	Article	Scopus
526	Anant R., Dahiya J.P., Agrawal B.P., Ghosh P.K., Kumar R., Kumar S., Kumar K.	SMA, GTA and P-GMA dissimilar weld joints of 304LN stainless steel to HSLA steel; Part-1: Thermal and microstructure characteristics	2018	5	9		96502	2	10.1088/2053-1591/aad403	Article	Scopus
527	Kumar A., Berwal D., Kumar Y.	Design of High-Performance ECG Detector for Implantable Cardiac Pacemaker Systems using Biorthogonal Wavelet Transform	2018	37	9			11	10.1007/s00034-018-0754-3	Article	Scopus
528	Tiwari R.N., Singh P., Kanaujia B.K.	Small-size scarecrow-shaped CPW and microstrip-line-fed UWB antennas	2018	17	3			7	10.1007/s10825-018-1182-0	Article	Scopus
529	Sharma V., Walde P., Saurabh K.	A Levy Flight Based Modified Artificial Wolf Group Technique for Transmission Line Congestion Management in Deregulated Environment	2018				8442642	2	10.1109/CONFUENCE.2018.8442642	Conference Paper	Scopus
530	Kallam S., Basha S.M., Singh Rajput D., Patan R., Balamurugan B., Khalandar Basha S.A.	Evaluating the Performance of Deep Learning Techniques on Classification Using Tensor Flow Application	2018				8441674	3	10.1109/ICACCE.2018.8441674	Conference Paper	Scopus
531	Awasthi S., Johri P., Khatri S.K.	IoT based Security Model to Enhance Blockchain Technology	2018				8441720	1	10.1109/ICACCE.2018.8441720	Conference Paper	Scopus
532	Nalinipriya G., Baluswamy B., Patan R., Kallam S., Tamizharasi G.S., Babu M.R.	To detect and Recognize Object from Videos for Computer Vision by Parallel Approach using Deep Learning	2018				8441718	3	10.1109/ICACCE.2018.8441718	Conference Paper	Scopus
533	Kumar A., Gupta M.M., Medhekar S.	All-optical NOT and AND gates based on 2D nonlinear photonic crystal ring resonant cavity	2018	167				11	10.1016/j.jlleo.2018.04.042	Article	Scopus
534	Srivastava M., Khatri S.K., Sinha S., Ahluwalia A.S., Johri P.	Understanding Relation between Public Sentiments and Government Policy Reforms	2018				8748655		10.1109/ICRITO.2018.8748655	Conference Paper	Scopus
535	Ahmad N., Alam M.A., Ahmad F.J., Sarafroz M., Ansari K., Sharma S., Amir M.	Ultrasonication techniques used for the preparation of novel Eugenol-Nanoemulsion in the treatment of wounds healings and anti-inflammatory	2018	46				11	10.1016/j.jddst.2018.06.003	Article	Scopus
536	Pal M., Misra K.	Cordyceps sp.: The Precious Mushroom for High-Altitude Maladies	2018					1	10.1016/B978-0-12-813999-8.00006-9	Book Chapter	Scopus
537	Shanthi K., Murugan D., Ganesh Kumar T.	Trust-based intrusion detection with secure key management integrated into MANET	2018	27	4			3	10.1080/19393555.2018.1505007	Article	Scopus
538	Mehta G., Yadav V.K.	Impact of Renewable Distributed Generators in Competitive Electricity Markets Considering Economic Factors	2018				8707683		10.1109/PEDES.2018.8707683	Conference Paper	Scopus
539	Koushik S., Das S., Sharma V., Walde P., Maji N.	PV and TEG Hybrid Power Generation for Enhancement of Efficiency	2018	2018-December			8709422		10.1109/ICPE.2018.8709422	Conference Paper	Scopus
540	Vijayan R., Mareeswari V., Guneseakaran G., Balasubramanian V., Senthil Kumar R.	Online compilers for android using mobile cloud computing	2018	9	7					Article	Scopus
541	Vijayan R., Mareeswari V., Guneseakaran G., Balasubramanian V., Senthil Kumar R.	Online compilers for android using mobile cloud computing	2018	9	7				ICIET_09_07_154	Article	Scopus

542	Singh S.K., Singh I.V., Mishra B.K., Bhardwaj G., Singh S.K.	Analysis of cracked plate using higher-order shear deformation theory: Asymptotic crack-tip fields and XIGA implementation	2018	336			23	10.1016/j.cma.2018.03.009	Article	Scopus
543	Kirti, Agrawal N., Kumar S.	Centralized mechanism for device encapsulation prevention in internet of things	2018				1	10.1109/RAIT.2018.8389038	Conference Paper	Scopus
544	Chaya S., Javaree P.V.Y., Kumar S., Sah D.K.	Boolean directional sensor orientation solution for K-coverage in wireless sensor network	2018				2	10.1109/RAIT.2018.8389090	Conference Paper	Scopus
545	Kirti, Agrawal N., Kumar S., Sah D.K.	Prevention of DDoS attack through harmonic homogeneity difference mechanism on traffic flow	2018				1	10.1109/RAIT.2018.8389081	Conference Paper	Scopus
546	Sharma M., Chaudhary D., Sudhakar S., Jadhkar S., Kumar S.	Investigation on sub nano-crystalline silicon thin films grown using pulsed PECVD process	2018	80			2	10.1016/j.mssp.2018.02.016	Article	Scopus
547	Singh P., Shah N.D.	An experimental investigation on sustainable concrete with flyash and steel fibers	2018	9	6				Article	Scopus
548	Tripathi D., Hans S., Tyagi B.	Generalization of an inequality concerning the polar derivative of a polynomial	2018	23	2				Article	Scopus
549	Kosakowska-Berezecka N., Safdar S., Jurek P., Bhardwaj G.	Evaluations of Men in Domestic Roles in Canada, Norway, Poland, and India	2018	26	2		1	10.1177/1060826517734379	Article	Scopus
550	Kumar P., Kumari S., Sharma V., Sangaiah A.K., Wei J., Li X.	A certificateless aggregate signature scheme for healthcare wireless sensor network	2018	18			47	10.1016/j.suscom.2017.09.002	Article	Scopus
551	Singh A., Jotheeswaran J.	Cognitive science based inclusive border management system	2018					10.1109/MINTC.2018.8363158	Conference Paper	Scopus
552	Rizwan P., Rajasekhara Babu M., Balamurugan B., Suresh K.	Real-time big data computing for Internet of Things and cyber physical system aided medical devices for better healthcare	2018				2	10.1109/MINTC.2018.8363160	Conference Paper	Scopus
553	Singh J., Bhadane M.S., Dubey V., Dhole S.D., Manam J., Dahiwal S.S.	Phosphors for various dosimetry applications derived by different synthesis routes	2018					10.4018/978-1-5225-5170-6.ch003	Book Chapter	Scopus
554	Ahmad N., Alam M.A., Ahmad R., Umar S., Jalees Ahmad F.	Improvement of oral efficacy of Irinotecan through biodegradable polymeric nanoparticles through in vitro and in vivo investigations	2018	35	4		25	10.1080/02652048.2018.1485755	Article	Scopus
555	Ahmad N., Ahmad R., Naqvi A.A., Alam M.A., Ashafaq M., Abdur Rub R., Ahmad F.J.	Intranasal delivery of quercetin-loaded mucoadhesive nanoemulsion for treatment of cerebral ischaemia	2018	46	4		41	10.1080/21691401.2017.1337024	Article	Scopus
556	Arora S., Pal M., Bordoloi M., Nandi S.P.	Effect of hexane extract of Syzygium aromaticum on haematological profile of rats	2018	39	3			10.22438/jeb/39/3/MRN-679	Article	Scopus
557	Ahmad N., Ahmad R., Naqvi A.A., Alam M.A., Rub R.A., Ahmad F.J.	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)	2018	14	3		1	10.2174/1573412913666170503121839	Article	Scopus
558	Ahmad N., Ahmad R., Alam M.A., Ahmad F.J.	Quantification and Brain Targeting of Eugenol-Loaded Surface Modified Nanoparticles Through Intranasal Route in the Treatment of Cerebral Ischemia	2018	68	10		20	10.1055/a-0596-7288	Article	Scopus
559	Kumari R., Sharma K.	Cross-layer based intrusion detection and prevention for network	2018				6	10.4018/978-1-5225-4100-4.ch003	Book Chapter	Scopus
560	Ahmad F.A., Kumar P., Shrivastava G., Bouhlef M.S.	Bitcoin: Digital decentralized cryptocurrency	2018				1	10.4018/978-1-5225-4100-4.ch021	Book Chapter	Scopus
561	Singh D.K., Dass P.	On a functional equation related to some entropies in information theory	2018	21	3		1	10.1080/09720529.2018.1445809	Article	Scopus
562	Mittal H., Kumar Y.	Simulation analysis and performance evaluation of four innovative routers for network on chip	2018	2018-January			1	10.1109/WiSPNET.2017.8299806	Conference Paper	Scopus
563	Ahmad N., Alam M.A., Ahmad R., Naqvi A.A., Ahmad F.J.	Preparation and characterization of surface-modified PLGA-polymeric nanoparticles used to target treatment of intestinal cancer	2018	46	2		26	10.1080/21691401.2017.1324466	Article	Scopus
564	Irfan S., Dwivedi G., Ghosh S.	Optimization of K-means clustering using genetic algorithm	2018	2017-October			5	10.1109/IC3TSN.2017.8284468	Conference Paper	Scopus
565	Khatri S.K., Batham T., Johri P.	Optimizing search query using feature thesaurus and optimization tool	2018	2018-January			1	10.1109/ICTUS.2017.8285999	Conference Paper	Scopus
566	Praveen Kumar Y.	Perfluorocarbons as a blood in future	2018	7	2				Article	Scopus
567	Alam R., Alam A., Panda A.K., Rahisuddin	Design, synthesis and cytotoxicity evaluation of pyrazolyl pyrazoline and pyrazolyl aminopyrimidine derivatives as potential anticancer agents	2018	27	2		7	10.1007/s00044-017-2082-8	Article	Scopus
568	Agarwal M., Anand A., Aggrawal D., Mittal R.	Understanding time delay based modeling and diffusion of technological products	2018						Book Chapter	Scopus
569	Ghosh S., Yadav V.K., Mehta G., Birajdar R.	Evaluation of Indian power sector reform strategies and improvement direction though DEA	2018	2018-January			3	10.1109/PESGM.2017.8274162	Conference Paper	Scopus
570	Hans S., Tripathi D., Mogbademu A.A., Tyagi B.	Inequalities For rational functions with prescribed poles	2018	21	1		2	10.1080/09720502.2015.1033837	Article	Scopus
571	Johri P., Arora S., Kumar M.	Privacy Preserve Hadoop (PPH)—An Implementation of BIG DATA Security by Hadoop with Encrypted HDFS	2018	10			3	10.1007/978-981-10-3920-1_35	Book Chapter	Scopus
572	Jotheeswaran J., Singh A., Pippal S.	Hybrid video surveillance systems using P300 based computational cognitive threat signature library	2018	145			2	10.1016/j.procs.2018.11.115	Conference Paper	Scopus
573	Singh A., Jotheeswaran J.	P300 Brain Waves Instigated Semi Supervised Video Surveillance for Inclusive Security Systems	2018	10989 LNAI			1	10.1007/978-3-030-00563-4_18	Conference Paper	Scopus
574	Singh R., Kumar A.	Designing and simulation of s-shaped dielectric resonator antenna with air gap	2018	732			1	10.1007/978-981-10-8533-8_20	Conference Paper	Scopus
575	Kumar P., Sharma V.	On the Security of Certificateless Aggregate Signature Scheme in Vehicular Ad Hoc Networks	2018	583			6	10.1007/978-981-10-5687-1_63	Conference Paper	Scopus
576	Srivastava S.	Novel method for predicting academic performance of students by using modified particle swarm optimization (PSO)	2018	652				10.1007/978-981-10-6747-1_21	Conference Paper	Scopus
577	Mallikarjuna B., Krishna P.V.	A nature inspired bee colony optimization model for improving load balancing in cloud computing	2018	8	2 Special Issue 2		5		Article	Scopus
578	Mallikarjuna B., Venkata Krishna P.	A nature-inspired approach for load balancing of tasks in cloud computing using equal time allocation	2018	8	2 Special Issue 2		4		Article	Scopus
579	Khan S.A., Yusuf M., Agarwal P., Prasad L.	Chlorophylls as pigment: A contemporary approach	2018					10.1002/9781119407850.ch7	Book Chapter	Scopus
580	Agarwal P., Yusuf M., Khan S.A., Prasad L.	Bio-colorants as photosensitizers for dye sensitized solar cell (DSSC)	2018				1	10.1002/9781119407850.ch12	Book Chapter	Scopus
581	Mathur G., Sharma P.K., Nainb S.	A review on Isatin metal complexes derived from schiff bases	2018	14	3		3	10.2174/1573407213666170221154354	Review	Scopus
582	Narwaria M., Mishra S.	Semantic security for sharing computing knowledge/information	2018	729				10.1007/978-981-10-8536-9_45	Conference Paper	Scopus
583	Balamurugan B., Sridhar D., Vignesh S.	Scala Programming for Big-Data Application	2018	29				10.3233/978-1-61499-814-3-535	Article	Scopus

584	Singh S., Anand A., Tiwari R.	Optimization of data centres for heat management	2018	624				3	10.1007/978-981-10-5903-2_108	Conference Paper	Scopus
585	Mehta G., Yadav V.K., Verma R.	Design and Analysis of SEPIC-Based Single-Stage Three-Phase Inverter	2018	624				1	10.1007/978-981-10-5903-2_161	Conference Paper	Scopus
586	Chakraborty C., Sharma A.R., Sharma G., Sarkar B.K., Lee S.-S.	The novel strategies for next-generation cancer treatment: miRNA combined with chemotherapeutic agents for the treatment of cancer	2018	9	11			30	10.18632/oncotarget.24309	Review	Scopus
587	Sahana S., Singh K., Kumar R., Das S.	A review of underwater wireless sensor network routing protocols and challenges	2018	638				6	10.1007/978-981-10-6005-2_51	Conference Paper	Scopus
588	Yadav B., Kumar A., Kumar Y.	A Robust Digital Image Watermarking Algorithm Using DWT and SVD	2018	583				10	10.1007/978-981-10-5687-1_3	Conference Paper	Scopus
589	Patel K., Dubey S.K., Singh A.S.	A clustering techniques to detect e-mail spammer and their domains	2018	84					10.1007/978-3-319-63645-0_71	Conference Paper	Scopus
590	Kundu S.K., Chakraborty C., Yagihara S., Teoh S.L., Das S.	Anesthetic molecule interaction of noble gases with proteins and lipids and their effect: A review	2018	15		10		2	10.2174/1567201815666180820101255	Review	Scopus
591	Elsen S.R., Dhamodaran K., Aseer J.R.	Multi-objective optimization of end milling process parameter for stir casted alumina reinforced aluminium metal matrix composite using RSM	2018	402	1	12193		2	10.1088/1757-899X/402/1/012193	Conference Paper	Scopus
592	Nain S., Mathur G., Karana P., Singh H.O.	Nanobiomaterials: Applications in drug delivery	2018						10.1201/9781315204918	Book Chapter	Scopus
593	Ganesh Kumar T., Asha V., Manish T.L., Muthalakshmi G.	Empirical system of image enhancement for digital microscopic pneumonia bacteria images	2018	119	8				10.4149/BLL_2018_096	Article	Scopus
594	Easwaramoorthy S., Anilkumar C., Moorthy U., Sravankumar B.	Review on dynamic group data sharing in cloud environment	2018	7	2			1	10.14419/ijet.v7i2.9770	Article	Scopus
595	Khatri S.K., Sharma G., Johri P., Mohan S.	Smart gesture control for home automation using internet of things	2018	673				3	10.1007/978-981-10-7245-1_62	Conference Paper	Scopus
596	Krishna Lal R., Kumar Choubey V., Dwivedi J.P., Yadav A., Singh V.P.	Residual Stress analysis of Equilateral Triangular Sectioned bar of Linear Work- Hardening Materials under Torsional Loading	2018	5	2				10.1016/j.matpr.2017.11.568	Conference Paper	Scopus
597	Krishna Lal R., Kumar Choubey V., Dwivedi J.P., Srivastava S.K.	Residual Stress analysis of Triangular Sectioned bar of Non-Linear Work-Hardening Materials under Torsional Loading	2018	5	2				10.1016/j.matpr.2018.01.136	Conference Paper	Scopus
598	Chauhan R.P.S., Dwivedi R., Asthana R.	A high-speed image fusion method using hardware and software co-simulation	2018	83					10.1007/978-3-319-63673-3_6	Conference Paper	Scopus
599	Kaushik N., Kumar N., Kumar A., Singh U.K.	Tetrazoles: Synthesis and biological activity	2018	18	1			8	10.2174/1871522218666180525100850	Review	Scopus
600	Lal R.K., Choubey V.K., Dwivedi J.P., Kumar S.	Study of factors affecting Springback in Sheet Metal Forming and Deep Drawing Process	2018	5	2			5	10.1016/j.matpr.2017.12.002	Conference Paper	Scopus
601	Lal R.K., Choubey V.K., Dwivedi J.P., Kumar S., Shah S.K.	Residual stress analysis in torsion of elliptical sectioned bar of non-linear work-hardening materials	2018	5	2				10.1016/j.matpr.2017.12.199	Conference Paper	Scopus
602	Krishna Lal R., Kumar Choubey V., Dwivedi J.P., Sinha S., Gond S.P.	Study and analysis of meshfree methods in elastic-plastic torsion problem	2018	5	2				10.1016/j.matpr.2017.12.091	Conference Paper	Scopus
603	Kumar A., Ansari A.Q., Kanaujia B.K., Kishor J., Tewari N.	Design of triple-band MIMO antenna with one band-notched characteristic	2018	86				13	10.2528/piere18051902	Article	Scopus
604	Ghosal A., Tiwari S., Mishra A., Vashist A., Rawat N.K., Ahmad S., Bhattacharya J.	Chapter 2: Design and Engineering of Nanogels	2018	2018-January	30			3	10.1039/9781788010481-00009	Book Chapter	Scopus
605	Aseer J.R., Sankaranarayananamy K.	Effect of fiber content on tensile retention properties of Cellulose Microfiber Reinforced Polymer Composites for Automobile Application	2017	272	1	12020		4	10.1088/1757-899X/272/1/012020	Conference Paper	Scopus
606	Kumari R., Nand P.	"An optimized routing algorithm for BAN by considering hop-count, residual energy and link quality for route discovery"	2017	2017-January				5	10.1109/CCAA.2017.8229884	Conference Paper	Scopus
607	Pandey S., Astya P.	Real time database management in mobile computing	2017	2017-January					10.1109/CCAA.2017.8229909	Conference Paper	Scopus
608	Mehrotra C., Chitransh N., Singh A.S.	Building blocks for visualanalytics	2017	2017-January					10.1109/CCAA.2017.8229986	Conference Paper	Scopus
609	Das A., Swaroop A.	Energy efficient routing protocol for linear wireless sensor network	2017	2017-January				1	10.1109/CCAA.2017.8229892	Conference Paper	Scopus
610	Kumar P., Sharma V.	A comment on efficient certificateless aggregate signature scheme	2017	2017-January				1	10.1109/CCAA.2017.8229854	Conference Paper	Scopus
611	Mehrotra C., Chitransh N., Singh A.	Scope and challenges of visual analytics: A survey	2017	2017-January				2	10.1109/CCAA.2017.8229987	Conference Paper	Scopus
612	Dahiya S., Vijayalakshmi S.	A review and proposal of an innovative approach for medical image segmentation	2017	2017-January					10.1109/CCAA.2017.8229974	Conference Paper	Scopus
613	Irfan S., Ghosh S.	Optimization of information retrieval using evolutionary computation: A survey	2017	2017-January				8	10.1109/CCAA.2017.8229837	Conference Paper	Scopus
614	Dev R., Khanam R.	Review on finger vein feature extraction methods	2017	2017-January				5	10.1109/CCAA.2017.8229983	Conference Paper	Scopus
615	Khan M.S., Sharma V.	Ant colony optimization routing in mobile adhoc networks-A survey paper	2017	2017-January				3	10.1109/CCAA.2017.8229858	Conference Paper	Scopus
616	Sharma V., Vij A.	Broadcasting methods in mobile ad-hoc networks	2017	2017-January				3	10.1109/CCAA.2017.8229868	Conference Paper	Scopus
617	Rishikesh, Das A., Astya P.N.	A relative survey of various LEACH based routing protocols in wireless sensor networks	2017	2017-January				6	10.1109/CCAA.2017.8229878	Conference Paper	Scopus
618	Chitransh N., Mehrotra C., Singh A.S.	Risk for big data in the cloud	2017	2017-January				1	10.1109/CCAA.2017.8229815	Conference Paper	Scopus
619	Singh V.K., Kumar R., Sahana S.	To enhance the reliability and energy efficiency of WSN using new clustering approach	2017	2017-January				4	10.1109/CCAA.2017.8229849	Conference Paper	Scopus
620	Pal R., Singh R.P., Das S.	Design and implementation of EF-MAC protocol to optimize WSN communication	2017	2017-January				1	10.1109/CCAA.2017.8229876	Conference Paper	Scopus
621	Tyagi V., Kumar A.	Internet of Things and social networks: A survey	2017	2017-January				4	10.1109/CCAA.2017.8230013	Conference Paper	Scopus
622	Shahnawaz S., Astya P.	Sentiment analysis: Approaches and open issues	2017	2017-January				11	10.1109/CCAA.2017.8229791	Conference Paper	Scopus
623	Baghel D.K., Singh A., Deka P.K.	Agricultural management using cloud computing in India	2017	2017-January					10.1109/CCAA.2017.8229905	Conference Paper	Scopus
624	Tripathi S.P., Kumar A., Astya R.	Study on secured framework for cloud based online banking	2017	2017-January				1	10.1109/CCAA.2017.8229915	Conference Paper	Scopus
625	Khanam R., Rahman A., Pushpam P.	Review on reversible logic circuits and its application	2017	2017-January				2	10.1109/CCAA.2017.8230046	Conference Paper	Scopus
626	Johri P., Kumar A., Das S., Arora S.	Security framework using Hadoop for big data	2017	2017-January				5	10.1109/CCAA.2017.8229813	Conference Paper	Scopus
627	Shama S., Kumar A., Kumar Y.	Hamming filter design for eeg signal detection and processing using co-simulation	2017	2017-January				1	10.1109/CCAA.2017.8229992	Conference Paper	Scopus
628	Kashyap V.K., Astya R., Nand P., Pandey G.	Comparative study of AODV and DSR routing protocols in wireless sensor network using NS-2 simulator	2017	2017-January				4	10.1109/CCAA.2017.8229889	Conference Paper	Scopus
629	Ali S., Nand P., Tiwari S.	Secure message broadcasting in VANET over Wormhole attack by using cryptographic technique	2017	2017-January				4	10.1109/CCAA.2017.8229856	Conference Paper	Scopus
630	Pant S., Chauhan Y.S., Singh K.K., Singh J.N.	Comparative study of rate of convergence & complex dynamics of trigonometric functions using Jungck Ishikawa iteration scheme	2017	2017-January					10.1109/CCAA.2017.8229800	Conference Paper	Scopus
631	Danish S., Mehta G., Yadav V.K.	Assessing the performance of partially shaded photovoltaic array under different radiations	2017			8204125		2	10.1109/ICCCNT.2017.8204125	Conference Paper	Scopus
632	Kumari S., Walde P., Iqbal A., Tyagi A.	Optimal phasor measuring unit placement by binary particle swarm optimization	2017			8204051		1	10.1109/ICCCNT.2017.8204051	Conference Paper	Scopus

633	Kumar S., Kakkar S., Iqbal A.	Effect of topology on the performance of PV module	2017				8204046	2	10.1109/ICCCNT.2017.8204046	Conference Paper	Scopus
634	Dwivedi M., Mehta G., Iqbal A., Shekhar H.	Performance enhancement of solar PV system under partial shaded condition using PSO	2017				8204082	5	10.1109/ICCCNT.2017.8204082	Conference Paper	Scopus
635	Srivastava A., Sahoo J.R.	Media markets vs. media institutions: An analysis from the perspective of students choice and aspirations at private universities in India	2017	6						Article	Scopus
636	Mukherjee D., Natrajan N.S.	Comparative Analysis of Social Media Tool Used in Software Projects Deploying Virtual Teams	2017	21	4			1	10.1177/0972262917733180	Article	Scopus
637	Agrawal B.P., Ghosh P.K.	Assembling of thick-section HSLA steel with one seam per layer multi-pass PC-GMA welding producing superior quality	2017	39	12			7	10.1007/s40430-017-0911-9	Article	Scopus
638	Kennedy S., Kumaran S., Srinivasa Rao T.	Microstructure and mechanical properties of γ -TiAl consolidated by spark plasma sintering	2017	185	1			1	10.1080/10584587.2017.1370272	Article	Scopus
639	Deepa N., Vijayakumar P., Rawal B.S., Balamurugan B.	An Extensive Review and Possible Attack on the Privacy Preserving Ranked Multi-Keyword Search for Multiple Data Owners in Cloud Computing	2017				8118433	6	10.1109/SmartCloud.2017.30	Conference Paper	Scopus
640	Agrawal B.P., Chauhan A.K., Kumar R., Anant R., Kumar S.	GTA pulsed current welding of thin sheets of SS304 producing superior quality of joint at high welding speed	2017	39	11			15	10.1007/s40430-017-0813-x	Article	Scopus
641	Tiwari R., Singh P.K., Singh S., Nain P.K.S., Nain L., Shukla P.	Bioprospecting of novel thermostable β -glucosidase from <i>Bacillus subtilis</i> RA10 and its application in biomass hydrolysis	2017	10	1		246	15	10.1186/s13068-017-0932-8	Article	Scopus
642	Gupta A., Mishra A., Puri N.	Peptide nucleic acids: Advanced tools for biomedical applications	2017	259				41	10.1016/j.jbiotec.2017.07.026	Review	Scopus
643	Velmurugan T., Khara S., Nandakumar S., Sumathi D.	Seamless vertical handoff using modified weed optimization algorithm for heterogeneous wireless networks	2017	60	10			5	10.3103/S073527217100028	Article	Scopus
644	Muheem A., Shakeel F., Warsi M.H., Jain G.K., Ahmad F.J.	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	2017	106	10			12	10.1016/j.xphs.2017.05.026	Article	Scopus
645	Ahmad N., Ahmad R., Naqvi A.A., Alam M.A., Abdur Rub R., Ahmad F.J.	Enhancement of Quercetin Oral Bioavailability by Self-Nanoemulsifying Drug Delivery System and their Quantification Through Ultra High Performance Liquid Chromatography and Mass Spectrometry in Cerebral Ischemia	2017	67	10			10	10.1055/s-0043-109564	Article	Scopus
646	Chakraborty C., Sharma A.R., Sharma G., Doss C.G.P., Lee S.-S.	Therapeutic miRNA and siRNA: Moving from Bench to Clinic as Next Generation Medicine	2017	8				331	10.1016/j.omtn.2017.06.005	Review	Scopus
647	Tiwari R.N., Singh P., Kanaujia B.K.	Dual U-Slot loaded patch antenna with a modified L-probe feeding	2017	16	3			6	10.1590/2179-10742017v16i3867	Article	Scopus
648	Srivastava P., Sharma P.K., Muheem A., Warsi M.H.	Magnetic nanoparticles: A review on stratagems of fabrication and its biomedical applications	2017	11	2			9	10.2174/1872211311666170328150747	Review	Scopus
649	Jagan J., Samui P., Roy S.S., Kurup P.	Intelligent models applied to elastic modulus of jointed rock mass	2017					1	10.4018/978-1-5225-2709-1.ch001	Book Chapter	Scopus
650	Aseer J.R., Sethupathi P.B., Chandradass J., Elsen R.	Taguchi Based Analysis on Hole Diameter Error of Drilled Glass/Bahunia Racemosa Fiber Polymer Composites	2017	2017-July	July			2	10.4271/2017-28-1983	Conference Paper	Scopus
651	Yusuf M., Khan S.A., Shabbir M., Mohammad F.	Developing a Shade Range on Wool by Madder (<i>Rubia cordifolia</i>) Root Extract with Gallnut (<i>Quercus infectoria</i>) as Biomordant	2017	14	4			14	10.1080/15440478.2016.1240641	Article	Scopus
652	Patel K., Patel D.K.	Medicinal importance, pharmacological activities, and analytical aspects of hispidulin: A concise report	2017	7	3			31	10.1016/j.jtcm.2016.11.003	Review	Scopus
653	Varshney L., Upadhyay A.P.	Comparison of techniques for designing and modeling of high power piezoelectric devices	2017	2018-January				8	10.1109/UPCON.2017.8251082	Conference Paper	Scopus
654	Mehta G., Dwivedi M., Yadav V.K.	Comparison of advance intelligence algorithms for maximum power point tracking	2017	2018-January				2	10.1109/UPCON.2017.8251058	Conference Paper	Scopus
655	Singh A., Wadhwa N.	Biochemical characterization and thermal inactivation of polyphenol oxidase from elephant foot yam (<i>Amorphophallus paeoniifolius</i>)	2017	54	7			7	10.1007/s13197-017-2647-z	Article	Scopus
656	Sarkar S., Ranakoti G.	Effect of vortex generators on film cooling effectiveness	2017	139	6		61009	9	10.1115/1.4035275	Article	Scopus
657	Singh A., Sharma P.K., Majumdar D.K.	Susceptibility and comparative bioassay study for determination of fluconazole concentrations in <i>Candida</i> spp. by broth microdilution and disc diffusion methods	2017	55	6					Article	Scopus
658	Chakraborty C., George Priya Doss C., Zhu H., Agoramoorthy G.	Rising Strengths Hong Kong SAR in Bioinformatics	2017	9	2			1	10.1007/s12539-016-0147-x	Review	Scopus
659	Ahmad N., Ahmad R., Abbas Naqvi A., Ashafaq M., Alam M.A., Ahmad F.J., Al-Ghamdi M.S.	The effect of saffranal loaded mucoadhesive nanoemulsion on oxidative stress markers in cerebral ischemia	2017	45	4			28	10.1080/21691401.2016.1228659	Article	Scopus
660	Maniraj M., Pakkirisamy V., Jayapaul R.	An ant colony optimization-based approach for a single-product flow-line reconfigurable manufacturing systems	2017	231	7			12	10.1177/0954405415585260	Article	Scopus
661	Kumar N., Bhatnagar A., Dudhe R.	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	2017	10				7	10.1016/j.arabj.2013.09.008	Article	Scopus
662	Tiwari R.N., Singh P., Kanaujia B.K.	Design of microstrip antenna with modified feeding technique for S-band communication system	2017				7894518	2	10.1109/SYSMART.2016.7894518	Conference Paper	Scopus
663	Thirumal Kumar D., George Priya Doss C., Sneha P., Tayubi I.A., Siva R., Chakraborty C., Magesh R.	Influence of V54M mutation in giant muscle protein titin: a computational screening and molecular dynamics approach	2017	35	5			36	10.1080/07391102.2016.1166456	Article	Scopus
664	Gupta A.	Synthesis and characterization of novel α -monomers of peptide nucleic acid	2017	15	2			3	10.1016/j.jart.2017.01.006	Article	Scopus
665	Sharma V., Kaur J.	Effect of core strengthening with pelvic proprioceptive neuromuscular facilitation on trunk, balance, gait, and function in chronic stroke	2017	13	2			11	10.12965/jer.1734892.446	Article	Scopus
666	Nguyen L.T., Sharma A.R., Chakraborty C., Saibaba B., Ahn M.-E., Lee S.-S.	Review of prospects of biological fluid biomarkers in osteoarthritis	2017	18	3		601	51	10.3390/ijms1803601	Review	Scopus
667	Agrawal B.P., Ghosh P.K.	Characteristics of Extra Narrow Gap Weld of HSLA Steel Welded by Single-Seam per Layer Pulse Current GMA Weld Deposition	2017	26	3			8	10.1007/s11665-017-2516-y	Article	Scopus
668	Nam J.-S., Sharma A.R., Jagga S., Lee D.-H., Sharma G., Nguyen L.T., Lee Y.H., Chang J.-D., Chakraborty C., Lee S.-S.	Suppression of osteogenic activity by regulation of WNT and BMP signaling during titanium particle induced osteolysis	2017	105	3			7	10.1002/jbm.a.36004	Article	Scopus

669	Ronald Aseer J., Sankaranarayanan K., Jayabalan P., Natarajan R., Priva Dasan K.	Thermal and dielectric properties of chemically modified municipal solid waste and banana fiber reinforced polymer composites	2017	36	2		2	10.1002/ep.12498	Article	Scopus
670	Hans S., Tripathi D., Tyagi B.	Inequalities describing the growth of polynomials	2017	22	1				Article	Scopus
671	Sharma A., Nain V., Tiwari R., Singh S., Adak A., Nain P.K.S., Nain L.	Simultaneous saccharification and fermentation of alkali-pretreated corncob under optimized conditions using cold-tolerant indigenous holo cellulase	2017	34	3		4	10.1007/s11814-016-0334-9	Article	Scopus
672	Ali I., Dutta K.K., Jain A.K., Alothman Z.A., Alwarthan A.	Synchronized fast SPE and UFLC methods for the analyses of eight antidiabetic drugs in human plasma	2017	20	3		4	10.2174/1386207319666161220123655	Article	Scopus
673	Kumari R., Asthana A., Kumar V.	A novel approach of restoration of digital images degraded by impulse noise	2017	1-3			1	10.4018/978-1-5225-1908-9.ch006	Book Chapter	Scopus
674	Agarwal P.	AGRO CLOUD - Open surveillance of Indian agriculture via cloud	2017			7857613	2	10.1109/INCITE.2016.7857613	Conference Paper	Scopus
675	Ahmad N., Ahmad R., Naqvi A.A., Alam M.A., Ashafaq M., Iqbal Z., Ahmad F.J.	Isolation, characterization, and quantification of curcuminoids and their comparative effects in cerebral ischemia	2017	40	3		12	10.1080/10826076.2017.1293549	Article	Scopus
676	Doss C.G.P., Siva R., Christopher B.P., Chakraborty C., Zhu H.	Zika: How safe is India?	2017	6	1	37	6	10.1186/s40249-016-0234-6	Article	Scopus
677	Patel K., Laloo D., Singh G.K., Gadewar M., Patel D.K.	A review on medicinal uses, analytical techniques and pharmacological activities of Strychnos nux-vomica Linn.: A concise report	2017				7	10.1007/s11655-016-2514-1	Article in Press	Scopus
678	Singh S.K., Chakrabarti A.	Hygrothermal analysis of laminated composites using C0 FE model based on higher order zigzag theory	2017	23	1		2	10.12989/scs.2017.23.1.041	Article	Scopus
679	Kumar M., Thirunavukkarasu K., Singh A.S.	A survey on elasticity improvement in cloud computing	2017			7813906		10.1109/CCAA.2016.7813906	Conference Paper	Scopus
680	Das S., Nand P.	Survey of hash security on DSR routing protocol	2017			7813775	1	10.1109/CCAA.2016.7813775	Conference Paper	Scopus
681	Sharma P.K., Sharma V.	Survey on security issues in MANET: Wormhole detection and prevention	2017			7813799	6	10.1109/CCAA.2016.7813799	Conference Paper	Scopus
682	Prakash S., Swaroop A.	A brief survey of blackhole detection and avoidance for ZRP protocol in MANETs	2017			7813802	4	10.1109/CCAA.2016.7813802	Conference Paper	Scopus
683	Singh R.K., Nand P.	Literature review of routing attacks in MANET	2017			7813776	7	10.1109/CCAA.2016.7813776	Conference Paper	Scopus
684	Kumari R., Nand P.	Performance comparison of various routing protocols in WSN and WBAN	2017			7813814	8	10.1109/CCAA.2016.7813814	Conference Paper	Scopus
685	Dixit M., Kumar R., Sagar A.K.	VANET: Architectures, research issues, routing protocols, and its applications	2017			7813782	29	10.1109/CCAA.2016.7813782	Conference Paper	Scopus
686	Shukla D., Vaibhav A., Das S., Johri P.	Security and attack analysis for vehicular ad hoc network - A survey	2017			7813797	6	10.1109/CCAA.2016.7813797	Conference Paper	Scopus
687	Gupta K., Kumar S., Agnihotri O.	Data isolation in multi-tenant SaaS environment	2017			7813917	2	10.1109/CCAA.2016.7813917	Conference Paper	Scopus
688	Sonika, Pratap A., Chauhan M., Dixit A.	New technique for detecting fraudulent transactions using hybrid network consisting of full-counter propagation network and probabilistic network	2017			7813713		10.1109/CCAA.2016.7813713	Conference Paper	Scopus
689	Irfan S., Babu B.V.	Information retrieval in big data using evolutionary computation: A survey	2017			7813720	5	10.1109/CCAA.2016.7813720	Conference Paper	Scopus
690	Sabharwal S., Gupta S., Thirunavukkarasu K.	Insight of big data analytics in healthcare industry	2017			7813696	6	10.1109/CCAA.2016.7813696	Conference Paper	Scopus
691	Chaudhari N., Srivastava S.	Big data security issues and challenges	2017			7813690	12	10.1109/CCAA.2016.7813690	Conference Paper	Scopus
692	Singh M.	Incremental checkpoint based failure-aware scheduling algorithm in grid computing	2017			7813820	3	10.1109/CCAA.2016.7813820	Conference Paper	Scopus
693	Chauhan A., Sharma V.	Review of performance analysis of different routing protocols in MANETs	2017			7813779	5	10.1109/CCAA.2016.7813779	Conference Paper	Scopus
694	Gambhir A., Khara S.	Integrating RSA cryptography & audio steganography	2017			7813767	14	10.1109/CCAA.2016.7813767	Conference Paper	Scopus
695	Kumar M., Kumar K., Gupta S.K., Kumar Y.	FPGA based design of area efficient router architecture for Network on Chip (NoC)	2017			7813980	3	10.1109/CCAA.2016.7813980	Conference Paper	Scopus
696	Kaur M.	Testing in the cloud: New challenges	2017			7813826	5	10.1109/CCAA.2016.7813826	Conference Paper	Scopus
697	Vij A., Sharma V.	Security issues in mobile adhoc network: A survey paper	2017			7813784	7	10.1109/CCAA.2016.7813784	Conference Paper	Scopus
698	Dev Mishra A., Beer Singh Y.	Big data analytics for security and privacy challenges	2017			7813688	17	10.1109/CCAA.2016.7813688	Conference Paper	Scopus
699	Kaur S., Narwaria M.	Resource tracker: A purposed remote system monitoring methodology	2017			7813834		10.1109/CCAA.2016.7813834	Conference Paper	Scopus
700	Kumar P., Sharma V., Sharma G.	Certificateless aggregate signature schemes: A review	2017			7813777	2	10.1109/CCAA.2016.7813777	Conference Paper	Scopus
701	Kumar A., Tyagi V.	Predicting maintainability of autonomic software systems using fuzzy logic	2017			7813744		10.1109/CCAA.2016.7813744	Conference Paper	Scopus
702	Ali A.W., Nand P., Astya R.	Elongate the lifetime of the network using grid based cluster with backbone spanning tree for wireless sensor networks	2017			7813783	2	10.1109/CCAA.2016.7813783	Conference Paper	Scopus
703	Kumar S.R., Sharma R., Gupta K.	Strategies for web application development methodologies	2017			7813710	1	10.1109/CCAA.2016.7813710	Conference Paper	Scopus
704	Kumar A., Kumar Y., Bernal D.	Low power dual edge triggered flip flop using multi threshold CMOS	2017			7813929	3	10.1109/CCAA.2016.7813929	Conference Paper	Scopus
705	Ali S., Nand P.	Comparative performance analysis of AODV and DSR routing protocols under wormhole attack in mobile ad hoc network on different node's speeds	2017			7813800	6	10.1109/CCAA.2016.7813800	Conference Paper	Scopus
706	Arora S., Kumar M., Johri P., Das S.	Big heterogeneous data and its security: A survey	2017			7813727	2	10.1109/CCAA.2016.7813727	Conference Paper	Scopus
707	Khanam R., Ahmad Z.	Finite state machine based arbiter for on chip communication architecture	2017			7813974	1	10.1109/CCAA.2016.7813974	Conference Paper	Scopus
708	Shahana K., Ghosh S., Jeganathan C.	A survey of particle swarm optimization and random forest based land cover classification	2017			7813756	3	10.1109/CCAA.2016.7813756	Conference Paper	Scopus
709	Kumar P., Sharma V., Sharma G.	Cryptanalysis of a certificateless aggregate signature scheme	2017			7813879	1	10.1109/CCAA.2016.7813879	Conference Paper	Scopus
710	De S., Mishra J., Ghosh S.	Query processing of inconsistent data using neutrosophic set	2017			7813723	1	10.1109/CCAA.2016.7813723	Conference Paper	Scopus
711	Sahana S., Singh K., Das S., Kumar R.	Energy efficient shortest path routing protocol in underwater sensor networks	2017			7813780	4	10.1109/CCAA.2016.7813780	Conference Paper	Scopus
712	Nand P., Astya R., Ali A.W.	Performance analysis and impact of different mobility model on specific configured network with IEEE 802.15.4 for WSNs	2017			7813772	4	10.1109/CCAA.2016.7813772	Conference Paper	Scopus
713	Roy N.R., Khanna A.K., Aneja L.	Android phone forensic: Tools and techniques	2017			7813792	10	10.1109/CCAA.2016.7813792	Conference Paper	Scopus
714	Khanna A.K., Roy N.R., Verma B.	Digital image watermarking and its optimization using genetic algorithm	2017			7813888	11	10.1109/CCAA.2016.7813888	Conference Paper	Scopus
715	Singh V.K., Sharma V., Sagar A.K.	Hybrid genetic algorithm based technique to maximize the network lifetime in WSN	2017			7813751		10.1109/CCAA.2016.7813751	Conference Paper	Scopus
716	Kumarsaraj S., Sharma A.K., Chauhan S.K.	A novel CPU scheduling with variable time quantum based on mean difference of burst time	2017			7813986		10.1109/CCAA.2016.7813986	Conference Paper	Scopus
717	Kochher R., Oberoi A., Goel P.	Image restoration on mammography images	2017			7813894	1	10.1109/CCAA.2016.7813894	Conference Paper	Scopus
718	Singh S., Swaroop A., Kumar A., Anamika	A survey on techniques to achieve energy efficiency in cloud computing	2017			7813915	9	10.1109/CCAA.2016.7813915	Conference Paper	Scopus
719	Saluja R., Singh S.K., Chaturvedi A.K.	Security checking in ABPMN	2017			7813818	1	10.1109/CCAA.2016.7813818	Conference Paper	Scopus
720	Sharma A.K., Saroj S.K., Chauhan S.K., Saini S.K.	Sybil attack prevention and detection in vehicular ad hoc network	2017			7813790	11	10.1109/CCAA.2016.7813790	Conference Paper	Scopus

721	Chandan S., Chauhan A.P.S.	Geometrical nonlinearity of 14-node brick finite element	2017	1802			20003		10.1063/1.4973253	Conference Paper	Scopus
722	Basanwani L.V., Sharma S.	Impact of pay commissions' recommendations on public employees wages/salaries and public expenditure	2017	14	16					Article	Scopus
723	Mishra A., Ghosal A.	Synthesis and applications of biopolymeric nanoparticles	2017							Book Chapter	Scopus
724	Sahoo J.R., Srivastava A.	Students' choice and motivation for journalism education in Indian private universities	2017	8	1		7		10.15655/mw/2017/v8i1/41269	Article	Scopus
725	Kumar A., Sharma S.	Determinants of performance of other parties in 2014 parliamentary elections	2017	14	18					Review	Scopus
726	Madan P., Srivastava S.	Does personal growth initiative lead to impression management: Role of personality?	2017	8	3		1		10.1504/IJWOE.2017.088214	Article	Scopus
727	Madan P., Srivastava S.	Assessing the impact of demographic variables on mentoring-managerial effectiveness relationship: An empirical study of Indian bank managers	2017	32	5		2		10.1108/GM-03-2016-0036	Article	Scopus
728	Ghosal A., Ahmad S.	High performance anti-corrosive epoxy-titania hybrid nanocomposite coatings	2017	41	11		23		10.1039/c6nj03906e	Article	Scopus
729	Kumar S., Sharma G., Chakraborty C., Sharma A.R., Kim J.	Regulatory functional territory of PLK-1 and their substrates beyond mitosis	2017	8	23		4		10.18632/oncotarget.16290	Review	Scopus
730	Ali I., Nighot D., Lone M.N., Jain A.	Efficient copper-catalyzed Sonogashira coupling reactions and simulation studies	2017	47	12		1		10.1080/00397911.2017.1319488	Article	Scopus
731	Dome M.M., Prusty S.	Determination of vegetable postharvest loss in the last-mile supply chain in Tanzania: A lean perspective	2017	27	2		4		10.1504/IJLSM.2017.083808	Article	Scopus
732	Shedbale A.S., Singh L.V., Mishra B.K., Singh S.K.	Numerical Prediction of Indentation Behavior of Metal Matrix Composites Using XFEM	2017	173					10.1016/j.proeng.2016.12.187	Conference Paper	Scopus
733	Yadav P., Kumar A., Gupta A., Pachauri R.K., Chauhan Y.K., Yadav V.K.	Investigations on the effects of partial shading and dust accumulation on PV module performance	2017	479			3		10.1007/978-981-10-1708-7_118	Conference Paper	Scopus
734	Peesapati R., Kumar N., Yadav V.K., Mehta G.	Line flow indices for placement of distributed energy sources in relieving transmission line congestion	2017	479					10.1007/978-981-10-1708-7_60	Conference Paper	Scopus
735	Ghosal A., Mishra A., Tiwari S.	Polymers and nanocomposites for biomedical applications	2017							Book Chapter	Scopus
736	Ur Rahman O.	Biopolymer nanocomposite as biosensors	2017							Book Chapter	Scopus
737	Seakaran K., Saravanan R., Singh S., Prasad N., Gutierrez F.G.	A novel cloud based industrial Internet of Things (IIoT) architecture for healthcare applications	2017	12		Specialissue10			10.3923/jeasci.2017.8790.8795	Article	Scopus
738	Gupta P., Bhattacharjee S., Sharma A.R., Sharma G., Lee S.-S., Chakraborty C.	miRNAs in Alzheimer disease - A therapeutic perspective	2017	14	11		30		10.2174/1567205014666170829101016	Review	Scopus
739	Tiwari R.N., Singh P., Kanaujia B.K.	Butter fly shape compact microstrip antenna for wideband applications	2017	69			11		10.2528/PIERL17042703	Article	Scopus
740	Mishra R., Sharma P.K., Verma P.K., Tomer I., Mathur G., Dhakad P.K.	Biological Potential of Thiazole Derivatives of Synthetic Origin	2017	54	4		23		10.1002/jhet.2827	Review	Scopus
741	Alam R., Alam M.A., Panda A.K., Rahisuddin	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	2017	54	3		3		10.1002/jhet.2768	Article	Scopus
742	Kulkarni S.G., Agrawal B.P., Ghosh P.K., Ray S.	Critical aspects of pulse current GMA welding of stainless steel influencing metallurgical characteristics	2017	12	5-6		3		10.1504/IJMMP.2017.092164	Article	Scopus
743	Yadav A.S., Tyagi B., Sharma S., Swami A.	Effect of inflation on a two-warehouse inventory model for deteriorating items with time varying demand and shortages	2017	10	6		10		10.1504/IJPM.2017.087318	Article	Scopus
744	Thent Z.C., Chakraborty C., Mahakkanukrauh P., Mahmood N.R.K.N., Rajan R., Das S.	The molecular concept of atheromatous plaques	2017	18	11		1		10.2174/1389450117666160502151600	Review	Scopus
745	Chakraborty C., Mallick B., Sharma A.R., Sharma G., Jagga S., Doss C.G.P., Nam J.-S., Lee S.-S.	Micro-environmental signature of the interactions between druggable target protein, dipeptidyl peptidase-IV, and anti-diabetic drugs	2017	19	1					Article	Scopus
746	Bhattacharya M., Sharma A.R., Sharma G., Patra B.C., Nam J.-S., Chakraborty C., Lee S.-S.	The crucial role and regulations of miRNAs in zebrafish development	2017	254	1		19		10.1007/s00709-015-0931-1	Review	Scopus
747	Vashist A., Kaushik A., Jayant R.D., Vashist A., Ghosal A., Nair M.	Hydrogels: Stimuli responsive to on-demand drug delivery systems	2017				3		10.1007/978-3-319-63633-7_8	Book Chapter	Scopus
748	Ghosal A., Vashist A., Tiwari S., Sharmin E., Ahmad S., Bhattacharya J.	Nanotechnology for therapeutics	2017				1		10.1007/978-3-319-63633-7_3	Book Chapter	Scopus
749	Khatri S.K., Kaur G., Johri P.	Multi-level selection of reusable software components	2016				7784928		10.1109/ICRITO.2016.7784928	Conference Paper	Scopus
750	Khatri S.K., Malhotra S., Johri P.	Use case point estimation technique in software development	2016				7784938		10.1109/ICRITO.2016.7784938	Conference Paper	Scopus
751	Jha S., Sharma P.K., Malviya R.	Liposomal drug delivery system for cancer therapy: Advancement and patents	2016	10	3		7		10.2174/1872211310666161004155757	Review	Scopus
752	Shaik M.A., Babu B.V.	Differential evolution for optimal design of shelland-tube heat exchangers	2016						10.4324/9781315366388	Book Chapter	Scopus
753	Gujarathi A.M., Babu B.V.	Preface	2016						10.4324/9781315366388	Editorial	Scopus
754	Gujarathi A.M., Babu B.V.	Introduction	2016						10.4324/9781315366388	Editorial	Scopus
755	Gujarathi A.M., Babu B.V.	Evolutionary computation: Techniques and applications	2016				6		10.4324/9781315366388	Book	Scopus
756	Niharika, Agrawal B.P., Khan I.A., Khan Z.A.	Effects of Cutting Parameters on Quality of Surface Produced by Machining of Titanium Alloy and Their Optimization	2016	63	4		4		10.1515/meceng-2016-0030	Article	Scopus
757	Khanna A., Singh A.K., Swaroop A.	A Token-Based Solution to Group Local Mutual Exclusion Problem In Mobile Ad Hoc Networks	2016	41	12		5		10.1007/s13369-016-2199-y	Article	Scopus
758	Kumar P., Singh S.K.	A comprehensive evaluation of aspect-oriented software quality (AOSQ) model using analytic hierarchy process (AHP) technique	2016				7748957		10.1109/ICACCAF.2016.7748957	Conference Paper	Scopus
759	Bhatnagar A., Singh N.	Concentration sensor based on circular lattice photonic crystal fiber placed between two single mode fibers	2016	10	11-12					Article	Scopus
760	Malviya R., Sharma P.K., Dubey S.K.	Modification of polysaccharides: Pharmaceutical and tissue engineering applications with commercial utility (patents)	2016	68					10.1016/j.msec.2016.06.093	Review	Scopus

761	Narwaria M., Arya S.	Privacy preserving data mining - 'A state of the art'	2016			7724638	6			Conference Paper	Scopus
762	Shrivastava G.	Network forensics: Methodical literature review	2016			7724655	4			Conference Paper	Scopus
763	Srivastava S., Chaudhari N.	Appraising a decade of research in the field of big data 'The next big thing'	2016			7724649	1			Conference Paper	Scopus
764	Shrivastava G., Sharma K., Kumari R.	Network forensics: Today and tomorrow	2016			7724661	6			Conference Paper	Scopus
765	Singh V.K., Gabrani G., Dubey S.	Efficient routing algorithm using sectorized antenna for mobile adhoc networks	2016			7724940	1			Conference Paper	Scopus
766	Jayabalan J., Yildirim D., Kim D., Samui P.	Design optimization of a wind turbine using artificial intelligence	2016				1	10.4018/978-1-5225-1639-2.ch003		Book Chapter	Scopus
767	Tariq M., Alam M.A., Singh A.T., Panda A.K., Talegaonkar S.	Improved oral efficacy of epirubicin through polymeric nanoparticles: pharmacodynamic and toxicological investigations	2016	23	8		4	10.3109/10717544.2015.1136713		Article	Scopus
768	Peesapati V.V.R., Kumar N., Yadav V.K.	Regression analysis of temporary over voltages during power system restoration	2016			7583803		10.1109/ICEETS.2016.7583803		Conference Paper	Scopus
769	Chakraborty C., Das S.	Dynamics of diabetes and obesity: An alarming situation in the developing countries in Asia	2016	16	15		6	10.2174/1389557516666160505115512		Review	Scopus
770	Chakraborty C., Chin K.-Y., Das S.	miRNA-regulated cancer stem cells: understanding the property and the role of miRNA in carcinogenesis	2016	37	10		40	10.1007/s13277-016-5156-1		Review	Scopus
771	Alam M.A., Ahmad N., Ahmad R., Talegaonkar S., Ahmad F.J., Iqbal Z., Panda A.K.	Quantification of tamoxifen polymeric nanoparticles in female rodent breast tissue by UPLC/ESI-Q-TOF MS/MS	2016	8	4		3	10.5530/jyp.2016.4.18		Article	Scopus
772	Ahmad N., Ahmad R., Naqvi A.A., Alam M.A., Ashafaq M., Samim M., Iqbal Z., Ahmad F.J.	Rutin-encapsulated chitosan nanoparticles targeted to the brain in the treatment of Cerebral Ischemia	2016	91			56	10.1016/j.ijbiomac.2016.06.001		Article	Scopus
773	Rishiwal V., Yadav M., Singh O., Yadav M.	Analysis of adhoc routing protocols: A retrospective view	2016			7578860	2	10.1109/ICACCA.2016.7578860		Conference Paper	Scopus
774	Rishiwal V., Agarwal S.K., Yadav M.	Performance of AODV protocol for H-MANETs	2016			7578898	4	10.1109/ICACCA.2016.7578898		Conference Paper	Scopus
775	Peesapati R., Yadav V.K., Kumar N.	Assessment of temporary overvoltages during network lines re-energization	2016	14	3		1	10.15598/aeec.v14i3.1775		Article	Scopus
776	Chakraborty C., Bandyopadhyay S., Agoramoorthy G.	India's Computational Biology Growth and Challenges	2016	8	3		1	10.1007/s12539-016-0179-2		Article	Scopus
777	Kumar R., Anant R., Ghosh P.K., Kumar A., Agrawal B.P.	Influence of PC-GTAW Parameters on the Microstructural and Mechanical Properties of Thin AISI 1008 Steel Joints	2016	25	9		11	10.1007/s11665-016-2211-4		Article	Scopus
778	Tiwari R., Pranav K., Singh S., Nain P.K.S., Shukla P., Nain L.	Two-step statistical optimization for cold active β -glucosidase production from Pseudomonas lutea BG8 and its application for improving saccharification of paddy straw	2016	63	5		7	10.1002/bab.1415		Article	Scopus
779	Chakraborty C., Sharma A.R., Sharma G., Lee S.-S.	Zebrafish: A complete animal model to enumerate the nanoparticle toxicity	2016	14	1	65	118	10.1186/s12951-016-0217-6		Article	Scopus
780	Ahmad N., Ahmad R., Naqvi A.A., Alam M.A., Samim M., Iqbal Z., Ahmad F.J.	Quantification of rutin in rat's brain by UHPLC/ESI-Q-TOF-MS/MS after intranasal administration of rutin loaded chitosan nanoparticles	2016	15			14	10.17179/excl2016-361		Article	Scopus
781	Saritha M., Tiwari R., Singh S., Nain P.K.S., Rana S., Adak A., Arora A., Nain L.	Glycoside hydrolase production by Aspergillus terreus CM20 I mixture design approach for enhanced enzymatic saccharification of alkali pretreated paddy straw	2016	54	8		3			Article	Scopus
782	Alam R., Alam M.A., Panda A.K., Uddin R.	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	2016	22	4		6	10.1515/hc-2016-0042		Article	Scopus
783	Goyal S., Amar S.K., Srivastav A.K., Chopra D., Pal M.K., Arjaria N., Rav R.S.	ROS mediated crosstalk between endoplasmic reticulum and mitochondria by Phloxine B under environmental UV irradiation	2016	161			7	10.1016/j.jphotobiol.2016.05.031		Article	Scopus
784	Dwevedi S., Dahilya M.K., Tiwari B.	Structural, Magnetic, and Transport Properties of NiTiR Shape Memory Alloy	2016	29	8		1	10.1007/s10948-016-3515-1		Article	Scopus
785	Nagasundaram N., Doss G.P.C., Chakraborty C., Karthick V., Kumar D.T., Balaji V., Siva R., Lu A., Ge Z., Zhu H.	Mechanism of artemisinin resistance for malaria PfATP6 L263 mutations and discovering potential antimalarials: An integrated computational approach	2016	6		30106	13	10.1038/srep30106		Article	Scopus
786	Singla A., Singh K., Yadav V.K.	Environmental effects on performance of solar photovoltaic module	2016			7516480	4	10.1109/PESTSE.2016.7516480		Conference Paper	Scopus
787	Verma M.K., Mukherjee V., Yadav V.K.	Greenfield distribution network expansion strategy with hierarchical GA and MCDEA under uncertainty	2016	79			8	10.1016/j.jepes.2016.01.004		Article	Scopus
788	Ahmad N., Ahmad R., Alam M.A., Samim M., Iqbal Z., Ahmad F.J.	Quantification and evaluation of thymoquinone loaded mucoadhesive nanoemulsion for treatment of cerebral ischemia	2016	88			48	10.1016/j.ijbiomac.2016.03.019		Article	Scopus
789	Chakraborty C., Wen Z.-H., Agoramoorthy G., Lin C.-S.	Therapeutic microrna delivery strategies with special emphasis on cancer therapy and tumorigenesis: Current trends and future challenges	2016	17	5		15	10.2174/1389200217666160126142408		Review	Scopus
790	Bhattacharjee S., Sarkar B., Sharma A.R., Gupta P., Sharma G., Lee S.-S., Chakraborty C.	Formulation and application of biodegradable nanoparticles based biopharmaceutical delivery - An efficient delivery system	2016	22	20		8	10.2174/1381612822666160307151241		Article	Scopus
791	Chakraborty C., Lin T.S., Das S.	The smart programmable CRISPR technology: A next generation genome editing tool for investigators	2016	17	16		3	10.2174/1389450117666160527142321		Review	Scopus
792	Chakraborty C., Das S.	Profiling cell-free and circulating miRNA: a clinical diagnostic tool for different cancers	2016	37	5		38	10.1007/s13277-016-4907-3		Review	Scopus
793	Sharma A.R., Sharma G., Lee S.-S., Chakraborty C.	miRNA-Regulated Key Components of Cytokine Signaling Pathways and Inflammation in Rheumatoid Arthritis	2016	36	3		30	10.1002/med.21384		Article	Scopus
794	Deviprasadh P.S., Madhuri W., Verma A.S., Sarkar B.K.	Photoacoustic Spectroscopic Study of Optical Properties of Cu(2)GeTe3 in Temperature Range from 80 K to 300 K	2016	37	5	50	1	10.1007/s10765-016-2055-z		Article	Scopus
795	Tripathi D., Dey T.K.	Analysis of the levitation force of pure and starch/polystyrene/MWCNT added bulk MgB2 superconductors using frozen image model under zero field cooling condition	2016	75			5	10.1016/j.cryogenics.2016.01.002		Article	Scopus
796	Kumar S., Sharma A.R., Sharma G., Chakraborty C., Kim J.	PLK-1: Angel or devil for cell cycle progression	2016	1865	2		21	10.1016/j.bbcan.2016.02.003		Review	Scopus
797	Sharma N.K., Mishra R.K., Sharma S.	3D micromechanical analysis of thermo-mechanical behavior of Al2O3/Al metal matrix composites	2016	115			11	10.1016/j.commatsci.2015.12.051		Article	Scopus
798	Tariq M., Alam M.A., Singh A.T., Panda A.K., Talegaonkar S.	Surface decorated nanoparticles as surrogate carriers for improved transport and absorption of epirubicin across the gastrointestinal tract: Pharmacokinetic and pharmacodynamic investigations	2016	501	1-2		19	10.1016/j.ijpharm.2016.01.054		Article	Scopus

799	Singh S.K., Khara S.	Compare the performance of MPTCP and TCP and proposed an algorithm for seamless handover in Het-Net	2016			7437884	1	10.1109/CCInteIS.2015.7437884	Conference Paper	Scopus
800	Ritu, Verma N., Mishra S., Shukla S.	Implementation of solar based PWM fed two phase interleaved boost converter	2016			7437962	6	10.1109/CCInteIS.2015.7437962	Conference Paper	Scopus
801	Mishra S., Shukla S., Verma N., Ritu R.	Comprehensive review on Maximum Power Point Tracking techniques: Wind Energy	2016			7437961	19	10.1109/CCInteIS.2015.7437961	Conference Paper	Scopus
802	Johri P., Nasar M., Das S., Kumar M.	Open source software reliability growth models for distributed environment based on component-specific testing-efforts	2016	04-05-March-2016		a75	2	10.1145/2905055.2905283	Conference Paper	Scopus
803	Dubey A., Srivastava S.	A major threat to big data-data security	2016	04-05-March-		a9	2	10.1145/2905055.2905215	Conference Paper	Scopus
804	Singh V., Sharma K.	Smartphone security: Review of challenges and solution	2016	04-05-March-		a8	1	10.1145/2905055.2905214	Conference Paper	Scopus
805	Singhal A., Bansal A., Kumar A.	An approach to design test oracle for aspect oriented software systems using soft computing approach	2016	7	1		1	10.1007/s13198-015-0402-2	Article	Scopus
806	Velmurugan T., Khara S., Nandakumar S., Saravanan B.	Seamless Vertical Handoff using Invasive Weed Optimization (IWO) algorithm for heterogeneous wireless networks	2016	7	1		12	10.1016/j.asej.2015.11.020	Article	Scopus
807	Raj A.	An optical character recognition of machine printed Oriya script	2016			7414832	5	10.1109/ICIIIP.2015.7414832	Conference Paper	Scopus
808	Karthick V., Nagasundaram N., Doss C.G.P., Chakraborty C., Siva R., Lu A., Zhang G., Zhu H.	Virtual screening of the inhibitors targeting at the viral protein 40 of Ebola virus	2016	5	1	12	21	10.1186/s40249-016-0105-1	Article	Scopus
809	Kaushik N., Kumar N., Kumar A.	Synthesis and biological activity of 3-(substitutedphenyl)- 6-(4-methoxyphenyl)-7H-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazine	2016	16	1		1	10.2174/1871522216999160406125836	Article	Scopus
810	Bhattacharya S.	Quantum dynamical studies of the He+HeH+ reaction using multi-configuration time-dependent Hartree approach	2016	1076				10.1016/j.comptc.2015.12.018	Article	Scopus
811	Dixit M., Kumar J., Kumar R.	Internet of things and its challenges	2016			7380574	9	10.1109/ICGCIoT.2015.7380574	Conference Paper	Scopus
812	Chauhan M., Pratap A., Sonika, Dixit A.	Designing a technique for detecting intrusion based on modified Adaptive Resonance Theory Network	2016			7380505	2	10.1109/ICGCIoT.2015.7380505	Conference Paper	Scopus
813	Pratap A., Chauhan M., Sonika, Dixit A.	Design and implementation of modules to prevent tampering in monitoring system to enhance security	2016			7380507		10.1109/ICGCIoT.2015.7380507	Conference Paper	Scopus
814	Saeed F., Dixit A.	A decision support system approach for accreditation & quality assurance council at higher education institutions in Yemen	2016			7375308	3	10.1109/MITE.2015.7375308	Conference Paper	Scopus
815	Gupta A., Chetty N., Shukla S.	A classification method to classify high dimensional data	2016			7374132	1	10.1109/CCCS.2015.7374132	Conference Paper	Scopus
816	Sudhakar N., George Priya Doss C., Kumar D., Chakraborty C., Anand K., Suresh M.	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	2016	34	1		23	10.1080/07391102.2015.1007483	Article	Scopus
817	Varshney L., Gupta C., Debnath D.	Performance improvement of Squirrel cage rotor by design aspects	2016			7939498		10.1109/ICRAIE.2016.7939498	Conference Paper	Scopus
818	Nasar M., Johri P.	Testing resource allocation for fault detection process	2016	628	CCIS		1	10.1007/978-981-10-3433-6_82	Conference Paper	Scopus
819	Ali Z., Sharma P.K., Warsi M.H.	Fabrication and evaluation of Ketorolac loaded cubosome for ocular drug delivery	2016	6	9		12	10.7324/JAPS.2016.60930	Article	Scopus
820	Sharma Y.K., Singh A.S.	High availability of databases for cloud	2016	409				10.1007/978-981-10-0135-2_49	Conference Paper	Scopus
821	Puja M., Amit K.	Social media and destination branding: Promoting Sikkim as an Ecotourism destination using facebook	2016	4					Article	Scopus
822	Krishnan K.V., Khara S., Bagubali A., Chawla V., Ashok K.	Spectrum management using cognitive radio for safety and security of coal mine workers	2016	9	44	105292		10.17485/ijst/2016/v9i44/105292	Article	Scopus
823	Chauhan R., Singh H.	SaaS empowered innovative on- demand software applications: Potential and challenges of the cloud	2016					10.1057/9781137324245	Book Chapter	Scopus
824	Jain A., Babu B.V.	Sensitivity of relative gain array for processes with uncertain gains and residence times	2016	49	1		2	10.1016/j.ifacol.2016.03.101	Article	Scopus
825	Krishnan K.V., Bagubali A., Khara S.	Dynamic resource allocation in OFDM-based cognitive radio system based on estimated channel information	2016	397				10.1007/978-81-322-2671-0_90	Conference Paper	Scopus
826	Kaushik N., Kumar N., Kumar A.	Synthesis, antioxidant and antidiabetic activity of 1-[(5-substituted phenyl)-4,5-dihydro-1H-pyrazol-3-yl]- 5-phenyl-1H-tetrazole	2016	78	3		6	10.4172/pharmaceutical-sciences.1000125	Article	Scopus
827	Bhattacharya M., Sharma A.R., Patra B.C., Sharma G., Seo E.-M., Nam J.-S., Chakraborty C., Lee S.-S.	DNA barcoding to fishes: Current status and future directions	2016	27	4		12	10.3109/19401736.2015.1046175	Review	Scopus
828	Nam J.-S., Sharma A.R., Nguyen L.T., Chakraborty C., Sharma G., Lee S.-S.	Application of bioactive quercetin in oncotherapy: From nutrition to nanomedicine	2016	21	1	108	72	10.3390/molecules21010108	Review	Scopus
829	Talakokula V., Vaibhav, Bhalla S.	Non-destructive Strength Evaluation of Fly Ash Based Geopolymer Concrete Using Piezo Sensors	2016	145			7	10.1016/j.proeng.2016.04.133	Conference Paper	Scopus
830	Chakraborty C., Sharma A.R., Patra B.C., Bhattacharya M., Sharma G., Lee S.-S.	MicroRNAs mediated regulation of MAPK signaling pathways in chronic myeloid leukemia	2016	7	27		38	10.18632/oncotarget.7977	Review	Scopus
831	Yadav M., Rishiwal V., Singh O., Yadav M.	Behavior of Adhoc routing protocols for H-MANETs	2016	50				10.1007/978-3-319-30933-0_34	Conference Paper	Scopus
832	Singh D., Mohd A., Khan R.A.	Resistance distance method for determination of isomorphism, stiffness and best input link among planar Kinematic chains	2016	30	1			10.1007/s12206-015-0819-1	Article	Scopus
833	Arora H., Cano J., Lloret F., Mukherjee R.	A carboxylate-bridged Ni II 8 cluster with a distorted cubane topology: Structure, magnetism and density functional studies	2016	45	36		9	10.1039/c6dt01833e	Article	Scopus
834	Tiwari T., Roy N.R.	Modified DEEC: A varying power level based clustering technique for WSNs	2015			7361344	15	10.1109/ICCACS.2015.7361344	Conference Paper	Scopus
835	Khatra S.K., Narayan P., Johri P.	Weaving Techniques and its impact on execution of classes in Aspect Oriented Programming	2015			7359263		10.1109/ICRITO.2015.7359263	Conference Paper	Scopus
836	Khatra S.K., Dutta S., Johri P.	Recognizing images of handwritten digits using learning vector quantization artificial neural network	2015			7359307		10.1109/ICRITO.2015.7359307	Conference Paper	Scopus
837	Abu Kausar M., Dhaka V.S., Singh S.K.	Design of Web crawler for the Client-Server Technology	2015	8	36	79858	3	10.17485/ijst/2015/v8i36/79858	Article	Scopus

838	Chakraborty C., Hsu M.J., Agoramoorthy G.	Drug metabolizing enzymes in type II diabetes and their pharmacogenetics during therapy of anti-diabetes drugs	2015	16	10		3	10.2174/138920021610151210183821	Article	Scopus
839	Chakraborty C., Bandyopadhyay S., Doss C.G.P., Agoramoorthy G.	Exploring the Genomic Roadmap and Molecular Phylogenetics Associated with MODY Cascades Using Computational Biology	2015	71	3		1	10.1007/s12013-014-0372-z	Article	Scopus
840	Ghosh S., Memane H., Karpe M., Birajdar R., Yadav V.K., Mukherjee V.	Design of high performance induction motor through multi objective and multi domain optimization	2015			7323215	1	10.1109/EDPC.2015.7323215	Conference Paper	Scopus
841	Krishnan K.V., Sajith R.M., Khara S.	Dynamic resource allocation in OFDM based cognitive radio system considering primary user QoS and secondary user proportional constraints	2015	60	11		10	10.1134/S106422691511008X	Article	Scopus
842	Chakraborty C., Doss C.G.P., Sarin R., Hsu M.J., Agoramoorthy G.	Erratum: Can the chemotherapeutic agents perform anticancer activity through miRNA expression regulation? Proposing a new hypothesis[Protoplasm, DOI 10.1007/s00709-015-0776-7]	2015	252	6			10.1007/s00709-015-0808-3	Erratum	Scopus
843	Sharma G., Sharma A.R., Nam J.-S., Doss G.P.C., Lee S.-S., Chakraborty C.	Nanoparticle based insulin delivery system: The next generation efficient therapy for Type 1 diabetes	2015	13	1	74	72	10.1186/s12951-015-0136-y	Review	Scopus
844	Rishiwal V., Lamba S., Yadav M., Yadav M.	Dynamic Source Routing Using Directional Antenna	2015			7306716		10.1109/ICACCE.2015.114	Conference Paper	Scopus
845	Pandey S., Malviya R., Sharma P.K.	Applicability, commercial utility and recent patents on starch and starch derivative as pharmaceutical drug delivery carrier	2015	9	3		1	10.2174/1872211309666150724101454	Article	Scopus
846	Sarkar B.K., Chakraborty C.	DNA pattern recognition using canonical correlation algorithm	2015	40	4		3	10.1007/s12038-015-9555-z	Article	Scopus
847	Agarwal S., Rana P.	Convective transport in a binary nanofluid saturated porous layer: A nonlinear approach	2015	12	10		2	10.1166/jctn.2015.4091	Article	Scopus
848	Krishnan K.V., Rajan M S., Khara S.	Dynamic resource allocation in OFDM based cognitive radio system considering primary and secondary users QoS	2015	58	10		2	10.3103/S0735272715100027	Article	Scopus
849	Rimple M., Srikant M., Naseem A., Kumar M.J.	A study of interaction of materialism and money attitude and its impact on car purchase	2015	10	3		3	10.1515/mmcks-2015-0017	Article	Scopus
850	Singla A., Singh K., Yadav V.K., Padhy N.P.	Development of distributed solar photovoltaic energy market in India	2015	2015-September		7286046	1	10.1109/PESGM.2015.7286046	Conference Paper	Scopus
851	Peesapati V.V.R., Kumar N., Yadav V.K.	Novel method for faster restoration of transmission lines	2015			7281426		10.1109/RDCAPE.2015.7281426	Conference Paper	Scopus
852	Nagasundaram N., Zhu H., Liu J., Karthick V., George Priya Doss C., Chakraborty C., Chen L.	Analysing the effect of mutation on protein function and discovering potential inhibitors of CDK4: Molecular modelling and dynamics studies	2015	10	8	e0133969	38	10.1371/journal.pone.0133969	Article	Scopus
853	Varshney S., Kumar C., Swaroop A.	Linear sensor networks: Applications, issues and major research trends	2015			7148418	21	10.1109/CCAA.2015.7148418	Conference Paper	Scopus
854	Pant S., Malviya R., Sharma P.K.	Extraction and characterization of Moringa olifera gum as pharmaceutical suspending agent	2015	5	2			10.2174/221031550599150610165707	Article	Scopus
855	Sharma P.K., Malviya R.	Effect of Calcium Chloride on Release Behavior of Babul (Acacia nilotica) gum Microbeads	2015	45	2			10.17219/pim/59137	Article	Scopus
856	Singh C.L., Singh A., Kumar S., Kumar M., Sharma P.K., Majumdar D.K.	Development and validation of different ultraviolet-spectrophotometric methods for the estimation of besifloxacin in different simulated body fluids	2015	77	4		6	10.4103/0250-474X.164784	Article	Scopus
857	Raw R.S., Lobiyal D.K., Das S., Kumar S.	Analytical Evaluation of Directional-Location Aided Routing Protocol for VANETs	2015	82	3		20	10.1007/s11277-015-2320-7	Article	Scopus
858	Prakash O.M., Makinde O.D., Kumar D., Dwivedi Y.K.	Heat transfer to MHD oscillatory dusty fluid flow in a channel filled with a porous medium	2015	40	4		16	10.1007/s12046-015-0371-9	Article	Scopus
859	Velmurugan T., Chaurasia S., Sharma P., Khara S.	Efficient vertical handoff algorithm for mission-critical management	2015	5	3		4	10.15866/irecap.v5i3.5939	Article	Scopus
860	Malviya R., Kulkarni G.T., Malviya T.	Extraction, characterization and optimization of high ester pectin from mango fruit (Mangifera indica) waste using (3)2 factorial design	2015	11	2			10.2174/1573401311666150327000911	Article	Scopus
861	Sharma A., Sharma H., Sahoo P.K., Tripathi R.K., Meher L.C.	ANN based modeling of performance and emission characteristics of diesel engine fuelled with polanga biodiesel at different injection pressures	2015	15	2		7		Article	Scopus
862	Chanda U., Das S.	Multi-stage diffusion dynamics in multiple generation high technology products	2015	26	1		10	10.1016/j.hitech.2015.04.009	Article	Scopus
863	Mittal S., Gera R., Batra D.K.	An evaluation of an integrated perspective of perceived service quality for retail banking services in India	2015	33	3		11	10.1108/IJBM-02-2014-0020	Article	Scopus
864	Agrawal B.P., Ghosh P.K.	Influence of thermal characteristics on microstructure of pulse current GMA weld bead of HSLA steel	2015	77	9-12		12	10.1007/s00170-014-6450-y	Article	Scopus
865	Nandakumar S., Khara S., Velmurugan T., Preetha K.S.	Priority based call admission control in integrated 3G/WLAN mixed cell	2015	5	2		7	10.15866/irecap.v5i2.5687	Article	Scopus
866	Chakraborty C., Doss C.G.P., Bhatia R., Agoramoorthy G.	Profiling of Phosphatidylinositol 3-Kinase (PI3K) Proteins in Insulin Signaling Pathway	2015	175	7		3	10.1007/s12010-015-1515-4	Article	Scopus
867	Chakraborty C., Doss C.G.P., Sarin R., Hsu M.J., Agoramoorthy G.	Can the chemotherapeutic agents perform anticancer activity though miRNA expression regulation? Proposing a new hypothesis	2015	252	6		6	10.1007/s00709-015-0776-7	Article	Scopus
868	Khatri S.K., Singhal H., Johri P.	Sentiment analysis to predict Bombay stock exchange using artificial neural network	2015			7014714	6	10.1109/ICRITO.2014.7014714	Conference Paper	Scopus
869	Pal A., Sarkar S.	Wake-boundary layer interactions behind a square cylinder for a reynolds number in periodic vortex shedding regime	2015	1A				10.1115/AJKFluids2015-01794	Conference Paper	Scopus
870	Raees M., Sarkar S.	Wake - Wake interactions for a pair of staggered cylinders at low reynolds number (Re = 100)	2015	1A				10.1115/AJKFluids2015-01795	Conference Paper	Scopus
871	Srivastava S., Sarkar S.	Wake interaction of a square cylinder with a splitter plate boundary layer at a low reynolds number	2015	1A			1	10.1115/ajkfluids2015-01793	Conference Paper	Scopus
872	Jaiswal M., Dudhe R., Sharma P.K.	Nanoemulsion: an advanced mode of drug delivery system	2015	5	2		251	10.1007/s13205-014-0214-0	Review	Scopus
873	You J.	Legal perspectives on corporate social responsibility: Lessons from the United States and Korea	2015				1	10.1007/978-81-322-2386-3	Book	Scopus
874	Nida, Teli B.K.	An efficient and secure means for identity and trust management in cloud	2015			7164777	2	10.1109/ICACEA.2015.7164777	Conference Paper	Scopus
875	Mushtaque M.A., Dhiman H.	Implementation of new encryption algorithm with random key selection and minimum space complexity	2015			7164797	4	10.1109/ICACEA.2015.7164797	Conference Paper	Scopus
876	Bhavtosh, Berwal D., Kumar Y.	High performance QRS complex detector for wearable ECG systems using Multi Scaled product with booth multiplier and soft threshold algorithm	2015			7150648	8	10.1109/ICSPCom.2015.7150648	Conference Paper	Scopus
877	Mathur R., Agarwal S., Sharma V.	Solving security issues in mobile computing using cryptography techniques - A Survey	2015			7148427	9	10.1109/CCAA.2015.7148427	Conference Paper	Scopus

878	Tiwari T., Roy N.R.	Heirarchical clustering in heterogeneous wireless sensor networks: A survey	2015				7148596	4	10.1109/CCAA.2015.7148596	Conference Paper	Scopus
879	Kumar R., Singh S.K., Kumar V.	A heuristic approach for search engine selection in meta-search engine	2015				7148496	8	10.1109/CCAA.2015.7148496	Conference Paper	Scopus
880	Bhat B., Ali A.W., Gupta A.	DES and AES performance evaluation	2015				7148500	17	10.1109/CCAA.2015.7148500	Conference Paper	Scopus
881	Berwal D., Kumar A., Kumar Y.	Low power conditional pulse control with Transmission Gate Flip-Flop	2015				7148589	2	10.1109/CCAA.2015.7148589	Conference Paper	Scopus
882	Sabharwal S., Malhotra N., Singh A.S.	Big data processing tuning in the cloud	2015				7148465		10.1109/CCAA.2015.7148465	Conference Paper	Scopus
883	Sahana S., Das S., Sarkar B.K.	Principal component based method for whole genome phylogenetic analysis without alignment: Application to HEV genotype	2015				7148518		10.1109/CCAA.2015.7148518	Conference Paper	Scopus
884	Sharma P., Sharma V.	Security enhancement on BGP protocol: A literature survey	2015				7148495		10.1109/CCAA.2015.7148495	Conference Paper	Scopus
885	Kumar D., Singh A.S.	A survey on resource allocation techniques in cloud computing	2015				7148454	6	10.1109/CCAA.2015.7148454	Conference Paper	Scopus
886	Kumar Gupta S., Khara S.	Technique to improve the file transfer outcomes between road side unit and vehicles in vehicular ad-hoc networks	2015				7148444	3	10.1109/CCAA.2015.7148444	Conference Paper	Scopus
887	Kumar J., Kumar R., Dixit M.	Result merging in meta-search engine using genetic algorithm	2015				7148393	4	10.1109/CCAA.2015.7148393	Conference Paper	Scopus
888	Khan S.	Analyzing students' data using a classification technique based on genetic algorithm and fuzzy logic	2015				7148377		10.1109/CCAA.2015.7148377	Conference Paper	Scopus
889	Kumar P., Maheshwari S., Dubey H.K.	Development and validation of a NS2 protocol for data security at network layer	2015				7148434	1	10.1109/CCAA.2015.7148434	Conference Paper	Scopus
890	Ali A.W., Parmanand	Energy efficiency in routing protocol and data collection approaches for WSN: A survey	2015				7148437	11	10.1109/CCAA.2015.7148437	Conference Paper	Scopus
891	Agrawal H., Johri P., Kumar A.	Emerging trends in energy efficient routing protocols	2015				7148433	3	10.1109/CCAA.2015.7148433	Conference Paper	Scopus
892	Singh S.K., Kumar R.	Scheduling in multiprocessor systems using parallel PSO	2015				7148400	1	10.1109/CCAA.2015.7148400	Conference Paper	Scopus
893	Bhanwala A., Kumar M., Kumar Y.	FPGA based design of low power reconfigurable router for Network on Chip (NoC)	2015				7148581	7	10.1109/CCAA.2015.7148581	Conference Paper	Scopus
894	Kumar D., Kumar C., Singh A.S.	Fair allocation of multi-resources for multi-class users in cloud computing	2015				7148455		10.1109/CCAA.2015.7148455	Conference Paper	Scopus
895	Ranjan R., Singh N.K., Singh A.	Security issues of black hole attacks in MANET	2015				7148419	14	10.1109/CCAA.2015.7148419	Conference Paper	Scopus
896	Singh M.	Study on cloud computing and cloud database	2015				7148468	1	10.1109/CCAA.2015.7148468	Conference Paper	Scopus
897	Gupta K., Saini J.K.	Novel approach for distributed file system with multiple layers of fault tolerance	2015				7148447		10.1109/CCAA.2015.7148447	Conference Paper	Scopus
898	Srivastava P., Garg N.	Secure and optimized data storage for IoT through cloud framework	2015				7148470	4	10.1109/CCAA.2015.7148470	Conference Paper	Scopus
899	Vikas, Nand P.	Contention based energy efficient wireless sensor network - A survey	2015				7148438	6	10.1109/CCAA.2015.7148438	Conference Paper	Scopus
900	Tiwari P.K., Devi B., Kumar Y.	Compression of MRT images using daubechies 9/7 and thresholding technique	2015				7148563	2	10.1109/CCAA.2015.7148563	Conference Paper	Scopus
901	Prakash O., Makinde O.D.	MHD oscillatory Couette flow of dusty fluid in a channel filled with a porous medium with radiative heat and buoyancy force	2015	45	3			5		Article	Scopus
902	Sarkar S., Ranakoti G.	Effect of vortex generators on film cooling effectiveness	2015						10.1115/GTINDIA2015-1392	Conference Paper	Scopus
903	Varshney S., Kumar C., Swaroop A.	A comparative study of hierarchical routing protocols in wireless sensor networks	2015				7100401	11		Conference Paper	Scopus
904	Bhat S., Ukadgaonker V.G.	A refined theoretical model for mode I crack near the interface of strength and plasticity mismatched materials in K dominant regime	2015	24	8			6	10.1177/1056789515571019	Article	Scopus
905	Tiwari R., Nain P.K.S., Singh S., Adak A., Saritha M., Rana S., Sharma A., Nain L.	Cold active holocellulase cocktail from Aspergillus niger SH3: Process optimization for production and biomass hydrolysis	2015	56				20	10.1016/j.jtice.2015.04.026	Article	Scopus
906	Talakokula V., Singh R., Vysakh K.	Effect of delay time and duration of steam curing on compressive strength and microstructure of geopolymer concrete	2015						10.1007/978-81-322-2187-6_124	Book Chapter	Scopus
907	Shivhare S.N., Garg S., Mishra A.	EmotionFinder: Detecting emotion from blogs and textual documents	2015				7148343	8	10.1109/CCAA.2015.7148343	Conference Paper	Scopus
908	Trivedi P., Tripathi R.P.	Design & analysis of 16 bit RISC processor using low power pipelining	2015				7148575	6	10.1109/CCAA.2015.7148575	Conference Paper	Scopus
909	Khanna P., Jain S., Babu B.V.	BroCUR: Distributed cloud broker in a cloud federation: Brokerage peculiarities in a hybrid cloud	2015				7148472	5	10.1109/CCAA.2015.7148472	Conference Paper	Scopus
910	Johri P., Kumar A., Amba	Review paper on text and audio steganography using GA	2015				7148403	8	10.1109/CCAA.2015.7148403	Conference Paper	Scopus
911	Amandeep, Mohammad F., Yadav V.	Automatic decision making for multi-criteria load balancing in cloud environment using AHP	2015				7148473	6	10.1109/CCAA.2015.7148473	Conference Paper	Scopus
912	Mishra S.K., Pandey M., Astya P.N.	Efficient single pattern searching algorithm for offline text by using binary search tree (ESPS Algorithm)	2015				7148369	1	10.1109/CCAA.2015.7148369	Conference Paper	Scopus
913	Jha N.K., Agarwal N., Singh P.	Realization of congestion in software defined networks	2015				7148435	1	10.1109/CCAA.2015.7148435	Conference Paper	Scopus
914	Mishra J., De S., Ghosh S.	Dependency preservation and lossless join decomposition in fuzzy normalization	2015				7148392	1	10.1109/CCAA.2015.7148392	Conference Paper	Scopus
915	Singh B., Kushwah S., Das S., Johri P.	Issue and challenges of online user generated reviews across social media and e-commerce website	2015				7148486	2	10.1109/CCAA.2015.7148486	Conference Paper	Scopus
916	Saxena A., Narasimhachary S.B., Kalvanasundaram V.	Prognostics of high temperature component reliability	2015	9	1			2	10.3233/SFC-150175	Article	Scopus
917	Agoramoorthy G., Chakraborty C.	India's budget reduction and AIDS initiatives	2015	15	6			2	10.1016/S1473-3099(15)00025-0	Letter	Scopus
918	Kundu S., Datta S.K.	Impact of trust on the relationship of e-service quality and customer satisfaction	2015	10	1			30	10.1108/EMJB-10-2013-0053	Article	Scopus
919	Nand P., Astya R., Anika, Singh D.	An add-on to present banking: M-banking	2015	336					10.1007/978-81-322-2220-0_30	Conference Paper	Scopus
920	Khanna P., Jain S., Babu B.V.	Distributed cloud brokerage: Solution to real world service provisioning problems	2015	10	5			4		Article	Scopus
921	Nandakumar S., Khara S.	Modeling and Performance Analysis of an Improved Data Channel Assignment (DCA) Scheme for 3G/WLAN Mixed Cells	2015	22	1			3	10.1007/s10776-015-0261-4	Article	Scopus
922	Bhardwaj S., Srivastava S., Gupta J.R.P.	Pattern-similarity-based model for time series prediction	2015	31	1			5	10.1111/coin.12015	Article	Scopus
923	Talakokula V., Singh R., Karunakaran V.	Effect of delay time and duration of steam curing on compressive strength and microstructure of fly ash based geopolymer concrete	2015	89	1					Article	Scopus
924	Ghosh S., Yadav V.K., Mehta G., Mukherjee V., Birajdar R.	Status Check: Journey of India's Energy Sustainability through Renewable Sources	2015	48	30			4	10.1016/j.ifaecol.2015.12.421	Conference Paper	Scopus
925	Manchanda R., Abidi N., Mishra J.K.	Assessing materialism in indian urban youth [Procjena materijalističke orijentacije indijske urbane mladeži]	2015	20	2			6		Article	Scopus

926	Prakash O., Makinde O.D., Singh S.P., Jain N., Kumar D.	Effects of stenoses on non-Newtonian flow of blood in blood vessels	2015	8	1	1550010	12	10.1142/S1793524515500102	Review	Scopus
927	Rathi A., Rathi D., Astva R., Nand P.	Improvement of existing security system by using elliptic curve and biometric cryptography	2015			7148520	1	10.1109/CCAA.2015.7148520	Conference Paper	Scopus
928	Das S., Das L., Purkavastha B.S., Raw R.S., Sahana S.	Effect of traffic density patterns on the performance of routing protocols for VANETs	2015			7148428	3	10.1109/CCAA.2015.7148428	Conference Paper	Scopus
929	Khanam R., Sharma H., Gaur S.	Design a low latency arbiter for on chip communication architecture	2015			7148604	5	10.1109/CCAA.2015.7148604	Conference Paper	Scopus
930	Mittal S., Gera R., Batra D.K.	Evaluating the validity of student evaluation of teaching effectiveness (SET) in India	2015	57	6		9	10.1108/ET-06-2013-0072	Article	Scopus
931	Narayanan S.J., Paramasivam I., Bhatt R.B., Khalid M.	A study on the approximation of clustered data to parameterized family of fuzzy membership functions for the induction of fuzzy decision trees	2015	15	2		10	10.1515/cait-2015-0030	Article	Scopus
932	Dudhe R., Sharma P.K., Verma P.K.	Discovery of substituted hydroxyphenyl pyrimidine-2(1H) thione as a new series of antioxidant using AAU and AAI method	2015	12	5		1		Article	Scopus
933	Kumar M., Sharma A., Kumar R.	An empirical evaluation of a three-tier conduit framework for multifaceted test case classification and selection using fuzzy-ant colony optimisation approach	2015	45	7		9	10.1002/spe.2263	Conference Paper	Scopus
934	Yadav V.K., Padhy N.P., Gupta H.O.	A holistic approach model for realistic goal-setting for efficiency enhancement with application to the Indian power sector	2015	10	2		2	10.1080/15567249.2010.512903	Article	Scopus
935	Raw R.S., Lobiyal D.K., Das S.	A probabilistic analysis of border node-based MFR routing protocol for vehicular ad hoc networks	2015	51	2		4	10.1504/IJCAT.2015.068919	Article	Scopus
936	Saroj S.K., Chauhan S.K., Sharma A.K., Vats S.	Threshold cryptography based data security in cloud computing	2015			7078695	21	10.1109/CICT.2015.149	Conference Paper	Scopus
937	Ramanathan L., Geetha A., Khalid M.	Mining students' record to predict their performance in undergraduate degree	2015	10	1		2		Article	Scopus
938	Sharma G., Park J., Sharma A.R., Jung J.-S., Kim H., Chakraborty C., Song D.-K., Lee S.-S., Nam J.-S.	Methoxy poly(ethylene glycol)-poly(lactide) nanoparticles encapsulating quercetin act as an effective anticancer agent by inducing apoptosis in breast cancer	2015	32	2		38	10.1007/s11095-014-1504-2	Article	Scopus
939	Khanna A., Singh A.K., Swaroop A.	Token Based Group Local Mutual Exclusion Algorithm in MANETs	2015	309	AISC	VOLUME 2	2	10.1007/978-81-322-2009-1_13	Conference Paper	Scopus
940	Singh D., Nand P., Astva R., Dixit P.	Improved DSA cryptographic protocol and its comparative study with RSA protocol	2015			7148511	2	10.1109/CCAA.2015.7148511	Conference Paper	Scopus
941	Kaushik N., Kumar N., Kumar A.	Synthesis of triazolothiadiazine derivatives as antioxidant agents	2015	7	6		6		Article	Scopus
942	Bhat S., Narayanan S.	High-cycle fatigue investigations of notched glare under different stress ratio's in various environments	2014	9	1	3	2	10.1186/s40712-014-0003-x	Article	Scopus
943	Fatima U., Yarshnev R., Siddiqui N., Ahsan M.J.	On compromise mixed allocation in multivariate stratified sampling with random parameters	2014	13	4		1	10.1007/s10852-013-9242-8	Article	Scopus
944	Agarwal S., Rana P., Bhadauria B.S.	Rayleigh-bénard convection in a nanofluid layer using a thermal nonequilibrium model	2014	136	12	122501	20	10.1115/1.4028491	Article	Scopus
945	Chakraborty C., Roy S.S., Hsu M.J., Agoramoorthy G.	Network analysis of transcription factors for nuclear reprogramming into induced pluripotent stem cell using bioinformatics	2014	15	4		2		Article	Scopus
946	Masum A.A., Chakraborty M., Pandya P., Halder U.C., Islam Md.M., Mukhopadhyay S.	Thermodynamic study of rhodamine 123-calf thymus DNA interaction: Determination of calorimetric enthalpy by optical melting study	2014	118	46		19	10.1021/jp509326r	Article	Scopus
947	Agarwal S., Bhadauria B.S.	Flow patterns in linear state of Rayleigh-Bénard convection in a rotating nanofluid layer	2014	4	8		7	10.1007/s13204-013-0273-2	Article	Scopus
948	Yadav V.K., Kumar N., Ghosh S., Singh K.	Indian thermal power plant challenges and remedies via application of modified data envelopment analysis	2014	21	6		24	10.1111/itor.12112	Article	Scopus
949	Agoramoorthy G., Chakraborty C.	Ebola eradication may need wider partnership	2014	186	15		1	10.1503/cmaj.114-0074	Letter	Scopus
950	Fernandez-Fernandez A., Manchanda R., Carvajal D.A., Lei T., Srinivasan S., McGoron A.J.	Covalent IR820-PEG-diamine nanoconjugates for theranostic applications in cancer	2014	9	1		24	10.2147/IJN.S69550	Article	Scopus
951	George Priya Doss C., Rajith B., Chakraborty C., NagaSundaram N., Ali S.K., Zhu H.	Structural signature of the G719S-T790M double mutation in the EGFR kinase domain and its response to inhibitors	2014	4		5868	34	10.1038/srep05868	Article	Scopus
952	Srinivasan S., Manchanda R., Lei T., Nagesetti A., Fernandez-Fernandez A., McGoron A.J.	Targeted nanoparticles for simultaneous delivery of chemotherapeutic and hyperthermia agents - An in vitro study	2014	136			20	10.1016/j.jphotobiol.2014.04.012	Article	Scopus
953	Yadav V.K., Padhy N.P., Gupta H.O.	The evaluation of the efficacy of an ongoing reform initiative of an indian electric utility	2014	9	3		4	10.1080/15567249.2010.493918	Article	Scopus
954	Sarkar B.K., Verma A.S., Sharma S., Kundu S.K.	First-principles calculations of the structural, phonon and thermal properties of ZnX (X=S, Se,Te) chalcogenides	2014	89	7	75704	19	10.1088/0031-8949/89/7/075704	Article	Scopus
955	Doss C G.P., Agoramoorthy G., Chakraborty C.	TNF/TNFR: Drug target for autoimmune diseases and immune-mediated inflammatory diseases	2014	19	7		34	10.2741/4265	Article	Scopus
956	Sarkar B.K., Chakraborty C., Sharma A.R., Bae K.-J., Sharma G., Doss G.P., Dutta D., Ding S., Ganbold B., Nam J.-S., Lee S.-S.	Novel biomarker for prostate cancer diagnosis by MRS	2014	19	7		11	10.2741/4275	Article	Scopus
957	Nam J.-S., Chakraborty C., Sharma A.R., Her Y., Bae K.-J., Sharma G., Doss G.P., Lee S.-S., Hong M.-S., Song D.-K.	Effect of wnt3a on keratinocytes utilizing in Vitro and bioinformatics analysis	2014	15	4			10.3390/ijms15045472	Article	Scopus
958	Bansal V., Malviya R., Deeksha, Malaviya T., Sharma P.K.	Phytochemical, pharmacological profile and commercial utility of tropically distributed plant Bauhinia variegata	2014	8	2		3	10.5829/idosi.gjp.2014.8.2.82296	Article	Scopus
959	Verma R.S., Pareek T., Verma N.	An innovative approach for microgrid and its power management system	2014			7067222		10.1109/ICPERE.2014.7067222	Conference Paper	Scopus
960	Kushwaha N., Suryakant	Software cost estimation using the improved fuzzy logic framework	2014			7056959	5	10.1109/CSIBIG.2014.7056959	Conference Paper	Scopus
961	Suryakant, Kushwaha N.	To evaluate the impact of vector mobility modelover routing protocols in MANET	2014			7056984	2	10.1109/CSIBIG.2014.7056984	Conference Paper	Scopus
962	George Priya Doss C., Rajith B., Chakraborty C., Balaji V., Magesh R., Gowthami B., Menon S., Swati M., Trivedi M., Paul J., Vasan R., Das M.	In silico profiling and structural insights of missense mutations in RET protein kinase domain by molecular dynamics and docking approach	2014	10	3		20	10.1039/c3mb70427k	Article	Scopus
963	Dhillon B., Goyal N.K., Malviya R., Sharma P.K.	Poorly water soluble drugs: Change in solubility for improved dissolution characteristics a review	2014	8	1		10	10.5829/idosi.gjp.2014.8.1.81201	Article	Scopus
964	Kalvanasundaram V., Holdsworth S., Saxena A.	A recent development in creep-fatigue testing	2014	3	2			10.1520/MPC20130060	Article	Scopus
965	Singh K., Yadav V.K., Padhy N.P., Sharma J.	Congestion management considering optimal placement of distributed generator in deregulated power system networks	2014	42	1		45	10.1080/15325008.2013.843218	Article	Scopus

966	Singh A., Parmanand, Saurabh	Survey on pLSA based scene classification techniques	2014			6949049	1	10.1109/CONFLUENCE.2014.6949049	Conference Paper	Scopus
967	Agarwal S.	Natural Convection in a Nanofluid-Saturated Rotating Porous Layer: A More Realistic Approach	2014	104	3		25	10.1007/s11242-014-0351-2	Article	Scopus
968	Farooq U., Malviya R., Sharma P.K.	Extraction and characterization of artocarpus integer gum as pharmaceutical excipient.	2014	44	2		3		Article	Scopus
969	Singh P.	Rectangular notch loaded dual band annular ring patch antenna	2014	13	1		1	10.1590/S2179-10742014000100007	Article	Scopus
970	Sharma P., Walde P., Mehra J., Kumar V., Rani S.	Optimized line flow analysis of IEEE bus system with the load dependency factor	2014	9	9 SPEC.				Article	Scopus
971	Farooq U., Malviya R., Sharma P.K.	Advancement in microsphere preparation using natural polymers and recent patents	2014	8	2		13	10.2174/1872211308666140218110520	Article	Scopus
972	Dubey D., Malviya R., Sharma P.K.	Advancement in microsponge drug delivery system: Preparation methods, patents and commercial utility	2014	8	2		4	10.2174/1872211308666140305222905	Article	Scopus
973	Deeksha, Malviya R., Sharma P.K.	Poly-electrolyte complex: A novel system for biomedical applications and recent patents	2014	8	2		3	10.2174/187221050802140618144515	Article	Scopus
974	Saxena M.R., Vishwakarma Y.K., Upadhvay S., Nagarajan P.K.	Aerodynamic improvement of bus body By using CFD	2014	9	4 SPEC.				Article	Scopus
975	Singh R.K., Mahala T.	Theoretical analysis of modified refrigeration cycle of a single effect lithium bromide-water vapour absorption system using exhaust gases of IC engine	2014	9	6 SPEC. ISSUE				Article	Scopus
976	Varshney N.K., Sambhav K.	Mathematical modeling of grinding methodology of multipoint cutting tools with generic profile	2014	9	4 SPEC. ISSUE				Article	Scopus
977	Gupta C., Kuanr D., Varshney A., Khurshaid T., Singh K.D.	Harmonic analysis of seven and nine level cascade multilevel inverter using multi-carrier PWM technique	2014	5	1		9	10.11591/ijped.v5i1.6190	Article	Scopus
978	Deeksha, Malviya R., Sharma P.K.	Advancement in shampoo (A dermal care product): Preparation methods, patents and commercial utility	2014	8	1		5	10.2174/1872213X08666140115110727	Review	Scopus
979	Banik I., Lukovičová J., Sarkar B.K., Šin P.	Barrier-cluster-heating model and photoinduced phenomena in chalcogenide glasses	2014	1634			2	10.1063/1.4903021	Conference Paper	Scopus
980	Gehlot S.K., Singh R.	Trajectory estimation of a moving charged particle: An application of least square estimation (LSE) approach	2014			7006015	1	10.1109/MedCom.2014.7006015	Conference Paper	Scopus
981	Mishra J., Ghosh S.	Uncertain query processing using vague set or fuzzy set: Which one is better?	2014	9	6		12	10.15837/ijccc.2014.6.500	Article	Scopus
982	Gupta D., Verma R.	An enhanced cluster-head selection scheme for distributed heterogeneous wireless sensor network	2014			6968396	7	10.1109/ICACCI.2014.6968396	Conference Paper	Scopus
983	Khanna P., Jain S., Babu B.V.	Cloud Broker: Working in federated structures	2014			6968660	5	10.1109/ICACCI.2014.6968660	Conference Paper	Scopus
984	Agarwal S., Rana P.	Horton-Rogers-Lapwood convection in a binary nanofluid saturated rotating porous layer	2014	8B				10.1115/IMECE2014-39814	Conference Paper	Scopus
985	George Priya Doss C., Chakrabarty C., Debajyoti C., Debottam S.	Understanding Sequence Similarity and Framework Analysis Between Centromere Proteins Using Computational Biology	2014	70	2			10.1007/s12013-014-9997-1	Article	Scopus
986	Zeyauddin M., Saha B.	Bianchi type V bulk viscous cosmological models with particle creation in general relativity	2014	129	8	177	4	10.1140/epjp/i2014-14177-0	Article	Scopus
987	Swaminathan R., Wadhwa M.	An efficient satellite image enhancement technique using wavelet and curvelet based approach	2014	9	21				Article	Scopus
988	Kundu S., Datta S.K.	A scale for measuring internet banking service quality: literature review and validation with indian public sector banks	2014	12	3		3	10.4018/jeco.2014070102	Article	Scopus
989	Gupta V., Kumar A.	Chemo-informatics studies on natural occurring naphthoquinone coloring agents	2014	5	6				Article	Scopus
990	Abdurrahman, Sharma P.K., Saxena A.	Glances into the realm of quality by design (QBD) in pharmaceuticals	2014	6	3		1		Review	Scopus
991	Visalakshi T., Bhalla S., Gupta A.	Detection of chloride and carbonation induced corrosion in reinforced concrete structures using piezo sensors via electro-mechanical impedance technique	2014					10.1201/b17394-92	Conference Paper	Scopus
992	Yadav R.N., Yadava V., Singh G.K.	Modelling and simulation of spark assisted diamond face grinding of tungsten carbide-cobalt composite using ANN	2014	28	1-3			10.1504/IJMTM.2014.064624	Conference Paper	Scopus
993	Yadav R.N., Yadava V., Singh G.K.	Application of response surface methodology and genetic algorithm for optimisation of electro-discharge diamond face grinding of tungsten carbide-cobalt composite	2014	18	1		7	10.1504/IJISE.2014.064342	Article	Scopus
994	Yadav N.P., Wu W., Fang D.-G., Singh P.	L-strip proximity fed C-band half circular disk patch antenna for WLAN Network	2014	9	4		1		Article	Scopus
995	Krishnatray P., Gadekar R.	Construction of death in H1N1 news in The Times of India	2014	15	6		8	10.1177/1464884913496497	Article	Scopus
996	Philipose A., Baby A., Kavitha K.V.N., Khara S.	Performance analysis of error control codes in STBC-OFDM system over rayleigh channel	2014	9	18				Article	Scopus
997	Kavitha K.V.N., Ghosh S., Keetey A., Khara S.	Error rate analysis of STBC-OFDM system with efficient channel coding technique at low SNR	2014	9	16		1		Article	Scopus
998	Bhambri H., Swaroop A.	Underwater sensor network: Architectures, challenges and applications	2014			6828097	10	10.1109/IndiaCom.2014.6828097	Conference Paper	Scopus
999	Agarwal S., Bhadauria B.S.	Unsteady heat and mass transfer in a rotating nanofluid layer	2014	26	4		13	10.1007/s00161-013-0309-6	Article	Scopus
1000	Yadav R.N., Yadava V., Singh G.K.	Application of non-dominated sorting genetic algorithm for multi-objective optimization of electrical discharge diamond face grinding process	2014	28	6		14	10.1007/s12206-014-0520-9	Article	Scopus
1001	Pandiyani K., Tiwari R., Singh S., Nain P.K.S., Rana S., Arora A., Singh S.B., Nain L.	Optimization of enzymatic saccharification of alkali pretreated Parthenium sp. Using response surface methodology	2014	2014		764898	30	10.1155/2014/764898	Article	Scopus
1002	Pali H.S., Kumar N., Mishra C.	Effect of blending of ethanol in kusun oil on performance and emission characteristics of a single cylinder diesel engine	2014	1			5	10.4271/2014-01-1396	Conference Paper	Scopus
1003	Pali H.S., Kumar N., Mishra C.	Some experimental studies on combustion, emission and performance characteristics of an agricultural diesel engine fueled with blends of kusun oil methyl ester and diesel	2014	1			15	10.4271/2014-01-1952	Conference Paper	Scopus
1004	Chhabra M., Gupta B.B.	An efficient scheme to prevent DDoS flooding attacks in mobile ad-hoc network (MANET)	2014	7	10		14	10.19026/rjaset.7.496	Article	Scopus
1005	Krishnan K.V., Khara S., Clement J.C., Bagubali A.	RAP framework for spectrum management in cognitive radio	2014	7	10			10.19026/rjaset.7.484	Article	Scopus
1006	Vinay, Kumar M., Johri P., Kumar R.	Empirical evaluation of fuzzy synthetic based framework for multifaceted component classification and selection	2014	7	9			10.19026/rjaset.7.469	Article	Scopus

1007	George Priya Doss C., Chakraborty C., Narayan V., Kumar D.	Computational approaches and resources in single amino acid substitutions analysis toward clinical research	2014	94				19	10.1016/B978-0-12-800168-4.00010-X	Book Chapter	Scopus
1008	George Priya Doss C., Chakraborty C., Monford Paul Abishek N., Kumar D., Narayanan V.	Application of evolutionary based in silico methods to predict the impact of single amino acid substitutions in vitelliform macular dystrophy	2014	94				11	10.1016/B978-0-12-800168-4.00006-8	Book Chapter	Scopus
1009	Chakraborty C., Agoramoorthy G.	Comparative bioinformatic analysis of the conserved domains, amino acid residues, and binding grooves of tumor necrosis factor	2014	11	1			2		Article	Scopus
1010	Gupta S.K., Singh V.P.	Discussion of "Storm centering approach for flood predictions from large watersheds" by James C. Y. Guo	2014	19	1				10.1061/(ASCE)HE.1943-5584.0000800	Note	Scopus
1011	Taval V.K., Lather J.S., Sharma P., Sinha S.K.	Power system stability enhancement using fuzzy logic based power system stabilizer	2014	258				2	10.1007/978-81-322-1771-8_6	Conference Paper	Scopus
1012	Sharma A.R., Kundu S.K., Nam J.-S., Sharma G., Doss C.G.P., Lee S.-S., Chakraborty C.	Next generation delivery system for proteins and genes of therapeutic purpose: Why and how?	2014	2014			327950	21	10.1155/2014/327950	Review	Scopus
1013	Chakraborty C., Hsu M.J., Agoramoorthy G.	Understanding the Molecular Dynamics of Type-2 Diabetes Drug Target DPP-4 and its Interaction with Sitagliptin and Inhibitor Diprotin-A	2014	70	2			11	10.1007/s12013-014-9998-0	Article	Scopus
1014	Muley D., Bunker J., Ferreira L.	Assessing efficiency of a transit oriented development (TOD) by comparative analysis	2014					2		Conference Paper	Scopus
1015	Upadhyay N.M., Gaurav K., Kumar A.	Modified DSR, an energy conserving approach to DSR protocol in MANET	2014			6950032		4	10.1109/ICCSP.2014.6950032	Conference Paper	Scopus
1016	Singla A., Singh K., Yadav V.K.	Transmission congestion management in deregulated environment: A bibliographical survey	2014			6909268		6	10.1109/ICRAIE.2014.6909268	Conference Paper	Scopus
1017	Khanna A., Singh A.K., Swaroop A.	A leader-based κ -local mutual exclusion algorithm using token for MANETs	2014	30	5			13		Article	Scopus
1018	Awasthi M.K., Asthana R., Agrawal G.S.	Viscoelastic potential flow analysis of the stability of a cylindrical jet	2014	21	3			2		Article	Scopus
1019	Kumar M., Sharma A., Kumar R.	Fuzzy entropy-based framework for multi-faceted test case classification and selection: An empirical study	2014	8	3			8	10.1049/iet-sen.2012.0198	Article	Scopus
1020	Kumar S., Tandon P., Dhande S.G.	Force modeling for generic profile of drills	2014	136	4	41019		6	10.1115/1.4027595	Article	Scopus
1021	Sarkar B.K., Verma A.S., Pavlendova G., Banik I.	Optical properties of Cd1-xZnxSe from density functional theory	2014					1	10.1002/9781118889879.ch136	Conference Paper	Scopus
1022	Lei T., Manchanda R., Fernandez-Fernandez A., Huang Y.-C., Wright D., McGoron A.J.	Thermal and pH sensitive multifunctional polymer nanoparticles for cancer imaging and therapy	2014	4	34			19	10.1039/c4ra01112k	Article	Scopus
1023	Sharma H., Kumar A., Varun, Khurana S.	A review of metallic radiation recuperators for thermal exhaust heat recovery	2014	28	3			7	10.1007/s12206-013-1186-4	Article	Scopus
1024	Hans S., Tripathi D., Tvaigi B.	Some inequalities for the derivative of polynomials	2014	2014		160485		1	10.1155/2014/160485	Article	Scopus
1025	Das S., Raw R.S., Das I., Sarkar R.	Performance analysis of routing protocols for VANETs with real vehicular traces	2014	243				3	10.1007/978-81-322-1665-0_5	Conference Paper	Scopus
1026	Sharma A.R., Chakraborty C., Lee S.-S., Sharma G., Yoon J.K., Doss C.G.P., Song D.-K., Nam J.-S.	Computational biophysical, biochemical, and evolutionary signature of human R-spondin family proteins, the member of canonical Wnt/ β -catenin signaling pathway	2014	2014		974316		7	10.1155/2014/974316	Article	Scopus
1027	Kundu S.K., Sharma A.R., Lee S.-S., Sharma G., Doss C.G.P., Yagihara S., Kim D.-Y., Nam J.-S., Chakraborty C.	Recent trends of polymer mediated liposomal gene delivery system	2014	2014		934605		15	10.1155/2014/934605	Review	Scopus
1028	Chakraborty C., Doss C.G.P., Bandyopadhyay S., Agoramoorthy G.	Influence of miRNA in insulin signaling pathway and insulin resistance: Micro-molecules with a major role in type-2 diabetes	2014	5	5			114	10.1002/wrna.1240	Article	Scopus
1029	Saxena A., Kalyanasundaram V., Narasimhachary S.B., Holdsworth S.R.	Harmonizing of creep-fatigue test methods through development of ASTM standards	2014							Conference Paper	Scopus
1030	Chakraborty C., Doss C.G.P., Patra B.C., Bandyopadhyay S.	DNA barcoding to map the microbial communities: Current advances and future directions	2014	98	8			25	10.1007/s00253-014-5550-9	Review	Scopus
1031	Lei T., Fernandez-Fernandez A., Manchanda R., Huang Y.-C., McGoron A.J.	Near-infrared dye loaded polymeric nanoparticles for cancer imaging and therapy and cellular response after laser-induced heating	2014	5	1			7	10.3762/bjnano.5.35	Article	Scopus
1032	Gupta S.K., Singh V.P.	Discussion of "detention storage over 2D laboratory watersheds at concentration time" by Arie Ben-Zvi	2014	19	3			1	10.1061/(ASCE)HE.1943-5584.0000884	Note	Scopus
1033	Suresh P., Marimuthu K., Ranganathan S., Rajmohan T.	Optimization of machining parameters in turning of Al-SiC-Gr hybrid metal matrix composites using grey-fuzzy algorithm	2014	24	9			58	10.1016/S1003-6326(14)63412-9	Article	Scopus
1034	Agoramoorthy G., Patel P., Basu S.K., Chakraborty C., Hsu M.J.	India's coastal zone management with an emphasis on rapidly developing Gujarat State	2014	18	6			2	10.1007/s11852-014-0344-x	Article	Scopus
1035	Priya Doss C.G., Chakraborty C., Chen L., Zhu H.	Integrating in silico prediction methods, molecular docking, and molecular dynamics simulation to predict the impact of ALK missense mutations in structural perspective	2014	2014		895831		23	10.1155/2014/895831	Article	Scopus
1036	Priya George D.C., Chakraborty C., Syed Haneef S.A., NagaSundaram N., Chen L., Zhu H.	Evolution- and structure-based computational strategy reveals the impact of deleterious missense mutations on MODY 2 (maturity-onset diabetes of the young, type 2)	2014	4	4			29	10.7150/thno.7473	Article	Scopus
1037	Chakraborty C., Priya Doss C.G., Chen L., Zhu H.	Evaluating protein-protein interaction (PPI) networks for diseases pathway, target discovery, and drug-design using 'In silico pharmacology'	2014	15	6			8	10.2174/1389203715666140724090153	Review	Scopus
1038	Yadav V.K., Jha D.K., Kumar N., Rajagopal Peesapatib V.V.	Benchmarking of Indian thermal power plants	2013			6672878		2	10.1109/PESMG.2013.6672878	Conference Paper	Scopus
1039	Chakraborty C., Doss C.G.P.	Crucial protein based drug targets and potential inhibitors for osteoporosis: New hope and possibilities	2013	14	14			6	10.2174/13894501113146660233	Review	Scopus
1040	Chakraborty C., George Priya Doss C., Bandyopadhyay S., Sarkar B.K., Sved Haneef S.A.	Mapping the Structural Topology of IRS Family Cascades Through Computational Biology	2013	67	3			2	10.1007/s12013-013-9664-y	Article	Scopus
1041	Chakraborty C., Bandyopadhyay S., Maulik U., Agoramoorthy G.	Topology Mapping of Insulin-Regulated Glucose Transporter GLUT4 Using Computational Biology	2013	67	3			8	10.1007/s12013-013-9644-2	Article	Scopus
1042	Chauhan Y.K., Yadav V.K., Singh B.	Optimum utilisation of self-excited induction generator	2013	7	9			12	10.1049/iet-epa.2013.0038	Article	Scopus
1043	Gupta S.K., Singh V.P.	Discussion of "Experimental studies on flow over labyrinth weir" by B. V. Khode, A. R. Temburkar, P. D. Porey, and R. N. Ingle	2013	139	12			3	10.1061/(ASCE)IR.1943-4774.0000588	Note	Scopus
1044	Bano T., Yadav G., Dudhe R.	Development and validation of oseltamivir phosphate api by uv-spectrophotometer	2013	7	3			4	10.5829/idosi.gjp.2013.7.3.75186	Article	Scopus

1045	Abhuri A.	Fabrication of nanoporous platinum thin films for hydrogen sensing: A comparison between experimental and simulation results	2013	8793		87931L		10.1117/12.2025478	Conference Paper	Scopus
1046	Rehman V., Vaish A.	Content Fusion in Traditional and New Media: A Conceptual Study	2013	12	2		1	10.1080/15332861.2013.817865	Article	Scopus
1047	Kausar Md.A., Nasar Md., Singh S.K.	Maintaining the repository of search engine freshness using mobile crawler	2013			6575995	1	10.1109/AICERA-ICMICR.2013.6575995	Conference Paper	Scopus
1048	Yadav R.N., Yadava V., Singh G.K.	Multi-objective optimization of process parameters in Electro-Discharge Diamond Face Grinding based on ANN-NSGA-II hybrid technique	2013	8	3		12	10.1007/s11465-013-0269-3	Article	Scopus
1049	Doss C.G.P., Chakraborty C., Rajith B., Nagasundaram N.	In silico discrimination of nsSNPs in hTERT gene by means of local DNA sequence context and regularity	2013	19	9		6	10.1007/s00894-013-1888-7	Article	Scopus
1050	Singh P., Ibrahim H.M., Flury M., Schillinger W.F., Knappenberger T.	Critical water potentials for germination of wheat cultivars in the dryland Northwest USA	2013	23	3		7	10.1017/S0960258513000172	Article	Scopus
1051	Chakraborty C., George Priya Doss C., Bandyopadhyay S.	miRNAs in insulin resistance and diabetes-associated pancreatic cancer: The 'Minute and Miracle' molecule moving as a monitor in the 'genomic galaxy'	2013	14	10		52	10.2174/13894501113149990182	Article	Scopus
1052	Agarwal S., Bhadauria B.S.	Weak nonlinear stability analysis of rayleigh-bénard convection in a rotating nanofluid layer	2013	4	3		3	10.1615/NanomechanicsSciTechnolIntJ.v4.i3.70	Article	Scopus
1053	Kavitha K.V.N., Khara S., Potluri H.	Bit error rate analysis of MIMO-OFDM system using LS and DPSS-BEM techniques	2013	8	7		1		Article	Scopus
1054	Lei T., Manchanda R., Fernandez-Fernandez A., Huang Y.-C., McGoron A.J.	Theranostic nanoparticles for imaging and therapy and cellular response after laser-induced heating	2013			6525656	1	10.1109/SBEC.2013.19	Conference Paper	Scopus
1055	Fernandez-Fernandez A., Manchanda R., Carvajal D.A., Lei T., McGoron A.J.	Multifunctional covalent nanoconjugate for near-infrared imaging and hyperthermia	2013			6525655		10.1109/SBEC.2013.18	Conference Paper	Scopus
1056	George Priya Doss C., Rajith B., Chakraborty C.	Predicting the impact of deleterious mutations in the protein kinase domain of FGFR2 in the context of function, structure, and pathogenesis - A bioinformatics approach	2013	170	8		8	10.1007/s12010-013-0315-y	Article	Scopus
1057	Sindhu R., Pal R., Wahid A.	Development of MAS based SCM model for automobile sectors	2013			6514457		10.1109/IAACC.2013.6514457	Conference Paper	Scopus
1058	Chakraborty C., George Priya Doss C.	Sirtuins family-recent development as a drug target for aging, metabolism, and age related diseases	2013	14	6		13	10.2174/1389450111314060008	Article	Scopus
1059	Chugh C.A.	Antifungal potential of transition metal hexacyanoferrates for management of dry bubble of Agaricus bisporus	2013	17	6				Article	Scopus
1060	Kavitha K.V.N., Jaiswal A., Khara S.	Performance analysis of MISO-OFDM & MIMO-OFDM systems	2013	5	3		1		Article	Scopus
1061	Chakraborty C., Pal S., George Priya Doss C., Wen Z.-H., Lin C.-S.	Nanoparticles as 'smart' pharmaceutical delivery	2013	18	3		22	10.2741/4161	Article	Scopus
1062	Bhadauria B.S., Hashim I., Kumar J., Srivastava A.	Cross Diffusion Convection in a Newtonian Fluid-Saturated Rotating Porous Medium	2013	98	3		5	10.1007/s12422-013-0166-6	Article	Scopus
1063	Kumar A., Gupta A.	Evolution of developer social network and its impact on bug fixing process	2013				12	10.1145/2442754.2442764	Conference Paper	Scopus
1064	Chakraborty C., Agrawal A.	Computational Analysis of C-Reactive Protein for Assessment of Molecular Dynamics and Interaction Properties	2013	67	2		7	10.1007/s12013-013-9553-4	Article	Scopus
1065	Agoramoorthy G., Chakraborty C.	Is India open to scientific criticism?	2013	104	4				Letter	Scopus
1066	Chakraborty C., George Priya Doss C., Sharma R., Sahana S., Nair T.S.	Does computational biology help us to understand the molecular phylogenetics and evolution of cluster of differentiation (CD) proteins?	2013	32	2		3	10.1007/s10930-013-9466-5	Article	Scopus
1067	Pathak S.K.	India's Diverse Borders and Diverse Threats	2013	50	1-2		1	10.1177/0020881716654384	Conference Paper	Scopus
1068	Bhatia P., Kumari R.	Rational dilation and wavelet transform based enhancement method for medical images	2013	2013		647 CP		10.1049/cp.2013.2336	Conference Paper	Scopus
1069	Sharma M., Kumari R.	Self organizing map and discrete wavelet transform based gray scale image compression	2013	2013		647 CP		10.1049/cp.2013.2335	Conference Paper	Scopus
1070	Pal R., Sindhu R., Sharma A.K.	SEP-E (RCH): Enhanced stable election protocol based on redundant cluster head selection for HWSNs	2013	115			4	10.1007/978-3-642-37949-9_9	Conference Paper	Scopus
1071	Singh H., Aggarwal N.	Achieving sustainable development goals through elevating socio-economic status	2013	23	4-5		2	10.1108/CR-04-2013-0042	Article	Scopus
1072	Mishra J., Ghosh S., Raj A.	Uncertain query processing using vague sets: A better approach	2013	2013		CP646		10.1049/cp.2013.2572	Conference Paper	Scopus
1073	Saha T., Kakkar S., Jha D.K.	Fused converter topology for wind-solar hybrid systems	2013			6837304	3	10.1109/APPEEC.2013.6837304	Conference Paper	Scopus
1074	Gupta R., Jha D.K., Yadav V.K., Kumar S.	A multi-agent based self-healing smart grid	2013			6837306	5	10.1109/APPEEC.2013.6837306	Conference Paper	Scopus
1075	Tiwari R., Singh S., Nain P.K.S., Rana S., Sharma A., Pranaw K., Nain L.	Harnessing the hydrolytic potential of phytopathogenic fungus Phoma exigua ITCC 2049 for saccharification of lignocellulosic biomass	2013	150			16	10.1016/j.biortech.2013.10.007	Article	Scopus
1076	Narasimhachary S.B., Saxena A.	Crack growth behavior of 9Cr-1Mo (P91) steel under creep-fatigue conditions	2013	56			54	10.1016/j.jfatigue.2013.07.006	Article	Scopus
1077	Kavitha K.V.N., Saravanan K., Ghosh S., Khara S.	Effective channel estimation technique with adaptive modulation For MIMO-OFDM system	2013	54	2		3		Article	Scopus
1078	Ahmad R., Kumar R., Laskar M.A.	Adsorptive removal of Pb ²⁺ form aqueous solution by macrocyclic calix[4]naphthalene: Kinetic, thermodynamic, and isotherm analysis	2013	20	1		20	10.1007/s11356-012-0838-8	Article	Scopus
1079	Awasthi M.K., Asthana R.	Viscous potential flow analysis of capillary instability with heat and mass transfer through porous media	2013	40	1		20	10.1016/j.icheatmasstransfer.2012.10.026	Article	Scopus
1080	Kumar D., Kumar V., Singh V.P.	Modeling and dynamic simulation of mixed feed multi-effect evaporators in paper industry	2013	37	1-2		36	10.1016/j.apm.2012.02.039	Article	Scopus
1081	Kumar S., Singh B., Qadri M.A., Kumar Y.V.S., Haleem A.	A framework for comparative evaluation of lean performance of firms using fuzzy TOPSIS	2013	11	4		32	10.1504/IJPM.2013.054267	Article	Scopus
1082	Kaushik N., Tyagi B., Jayaraman G.	Modeling biochemical oxygen demand in a river with scattered storage zones	2013	7	29-32			10.12988/ams.2013.13131	Article	Scopus
1083	Yadav V.K., Chauhan Y.K., Padhy N.P., Gupta H.O.	A novel power sector restructuring model based on Data Envelopment Analysis (DEA)	2013	44	1		26	10.1016/j.ijepes.2012.08.013	Article	Scopus
1084	George Priya Doss C., Nagasundaram N., Chakraborty C., Chen L., Zhu H.	Extrapolating the effect of deleterious nsSNPs in the binding adaptability of flavopiridol with CDK7 protein: A molecular dynamics approach	2013	7	1		10	10.1186/1479-7364-7-10	Article	Scopus
1085	Jha D.K., Sinha S.K., Garg A., Vijay A.	Estimating electricity supply outage cost for residential and commercial customers	2012			6336363		10.1109/NAPS.2012.6336363	Conference Paper	Scopus
1086	Yadav V.K., Jha D.K., Chauhan Y.K.	A Multi Criteria DEA approach to performance evaluation of Indian thermal power plants	2012			6401451		10.1109/PowerCon.2012.6401451	Conference Paper	Scopus
1087	Tiwari R.N., Singh P.	New models designed for nanocircuit elements for nanotransmission line	2012	9	12		2	10.1166/jctn.2012.2634	Article	Scopus
1088	Sharma H., Kumar A., Varun	Performance analysis of metallic concentric tube recuperator in parallel flow arrangement	2012	55	25-26		3	10.1016/j.jheatmasstransfer.2012.07.084	Article	Scopus

1089	Jaiswal J.L., Biswas A., Agarwal V.	Implementation of Single phase matrix converter as generalized single phase converter	2012			6508123	4	10.1109/ICPCES.2012.6508123	Conference Paper	Scopus
1090	Biswas A., Jaiswal J.L., Agarwal V.	A study of staircase modulation technique for single phase matrix converter	2012			6508096	3	10.1109/ICPCES.2012.6508096	Conference Paper	Scopus
1091	Singh A.P., Misra G.	Adolescent Lifestyle in India: Prevalence of Risk and Promotive Factors of Health	2012	24	2		11	10.1177/097133361202400203	Article	Scopus
1092	Dhawan S., Kapoor S., Kumar S., Rawat S.	Contemporary review of techniques for the solution of nonlinear Burgers equation	2012	3	5		15	10.1016/j.jocs.2012.06.003	Article	Scopus
1093	Kumar M., Sharma A., Kumar R.	Multi-faceted measurement framework for test case classification and fitness evaluation using fuzzy logic based approach	2012	39	3		14		Article	Scopus
1094	Srivastava M., Singh J., Yashpal M., Gupta D.K., Mishra R.K., Tripathi S., Ojha A.K.	Synthesis of superparamagnetic bare Fe 3O 4 nanostructures and core/shell (Fe 3O 4/alginate) nanocomposites	2012	89	3		64	10.1016/j.carbpol.2012.04.016	Article	Scopus
1095	Arya Y., Kumar N., Sinha S.K.	Fuzzy logic based load frequency control of multi-area electrical power system considering non-linearities and boiler dynamics	2012	13	2		7		Article	Scopus
1096	Singh H., Aggarwal N.	Tupperware: Achieving sustainable development goals through elevating socio-economic status of women in India	2012	13	1		2	10.1504/IJBPM.2012.044862	Article	Scopus
1097	Rawat S., Kapoor S.	Finite element study of radiative free convection flow over a linearly moving permeable vertical surface in the presence of magnetic field	2012	38			1	10.1016/j.proeng.2012.06.275	Conference Paper	Scopus
1098	Singh K., Yadav V.K., Dhingra A.	Congestion management using optimal placement of TCSC in deregulated power system	2012	4	4		10	10.15676/ijeei.2012.4.4.8	Article	Scopus
1099	Kapur P.K., Johri P., Khatri S.K.	Testing-effort-dependent software reliability growth model for a distributed environment using debugging time lag functions	2012	4	1		5	10.1504/IJMOR.2012.044470	Article	Scopus
1100	Khatri S.K., Kapur P.K., Johri P.	Flexible discrete software reliability growth model for distributed environment incorporating two types of imperfect debugging	2012			6168333	6	10.1109/ACCT.2012.54	Conference Paper	Scopus
1101	Muthu Kannan P., Palanisamy V.	Dual band rectangular patch wearable antenna on jeans material	2011	3	6		8		Article	Scopus
1102	Jain S., Garg K.M.	Managing e-waste in India: Adoption of need based solutions	2011	16	3		3		Article	Scopus
1103	Sinha S.K., Patel R.N., Prasad R.	Applications of FACTS devices with Fuzzy controller for oscillation damping in AGC	2011			6129783	12	10.1109/ICONRAEeCE.2011.6129783	Conference Paper	Scopus
1104	Kumar M., Sharma A., Kumar R.	Optimization of test cases using soft computing techniques: A critical review	2011	8	11		18		Review	Scopus
1105	Sodhi K.	Has marketing come full circle? Demarketing for sustainability	2011	12	4		14	10.1108/17515631111155133	Article	Scopus
1106	Kumar M., Sharma A., Kumar R.	Soft computing-based software test cases optimization: A survey	2011	6	4		10		Review	Scopus
1107	Chattopadhyay T.	The information processing of advertisements by urban young men of India	2010	11	3		1	10.1177/097215091001100309	Article	Scopus