SELECTED PUBLICATIONS DURING - 2017									
S.No	Authors	Title of the Article	Name of the Journal	Vol.	Issue	Page No. Start	Page No. End	Impact Factor	DOI
1	Sekhar Roy S., Roy R., Balas V.E.	Estimating heating load in buildings using multivariate adaptive regression splines, extreme learning machine, a hybrid model of MARS and ELM	Renewable and Sustainable Energy Reviews	82	-	4256	4268	10.56	https://doi.org/10.1016/j.rser.2017.05.249
2	Ram J.P., Manghani H., Pillai D.S., Babu T.S., Miyatake M., Rajasekar N.	Analysis on solar PV emulators: A review	Renewable and Sustainable Energy Reviews	81	-	149	160	10.56	https://doi.org/10.1016/j.rser.2017.07.039
3	Varma G.V.P., Srinivas T.	Power generation from low temperature heat recovery	Renewable and Sustainable Energy Reviews	75	-	402	414	10.56	https://doi.org/10.1016/j.rser.2016.11.005
4	Kumar K.P., Saravanan B.	Recent techniques to model uncertainties in power generation from renewable energy sources and loads in microgrids âââ€š¬ââ‚¬Å“ A review	Renewable and Sustainable Energy Reviews	71	-	348	358	10.56	https://doi.org/10.1016/j.rser.2016.12.063
5	Sujitha N., Krithiga S.	RES based EV battery charging system: A review	Renewable and Sustainable Energy Reviews	75	-	978	988	10.56	https://doi.org/10.1016/j.rser.2016.11.078
6	Indragandhi V., Subramaniyaswamy V., Logesh R.	Resources, configurations, and soft computing techniques for power management and control of PV/wind hybrid system	Renewable and Sustainable Energy Reviews	69	-	129	143	10.56	https://doi.org/10.1016/j.rser.2016.11.209
7	Sumathi V., Jayapragash R., Bakshi A., Kumar Akella P.	Solar tracking methods to maximize PV system output âââ€š¬ââ‚¬Å“ A review of the methods adopted in recent decade	Renewable and Sustainable Energy Reviews	74	-	130	138	10.56	https://doi.org/10.1016/j.rser.2017.02.013
8	Franco S., Mandla V.R., Ram Mohan Rao K.	Urbanization, energy consumption and emissions in the Indian context A review	Renewable and Sustainable Energy Reviews	71	-	898	907	10.56	https://doi.org/10.1016/j.rser.2016.12.117
9	Arunkumari T., Indragandhi V.	An overview of high voltage conversion ratio DC-DC converter configurations used in DC micro-grid architectures	Renewable and Sustainable Energy Reviews	77	-	670	687	10.56	https://doi.org/10.1016/j.rser.2017.04.036
10	Sultana W.R., Sahoo S.K., Sukchai S., Yamuna S., Venkatesh D.	A review on state of art development of model predictive control for renewable energy applications	Renewable and Sustainable Energy Reviews	76	-	391	406	10.56	https://doi.org/10.1016/j.rser.2017.03.058
11	Thomas P., Soren N., Rumjit N.P., George James J., Saravanakumar M.P.	Biomass resources and potential of anaerobic digestion in Indian scenario	Renewable and Sustainable Energy Reviews	77	-	718	730	10.56	https://doi.org/10.1016/j.rser.2017.04.053
12	Sridhar V., Umashankar S.	A comprehensive review on CHB MLI based PV inverter and feasibility study of CHB MLI based PV-STATCOM	Renewable and Sustainable Energy Reviews	78	-	138	156	10.56	https://doi.org/10.1016/j.rser.2017.04.111
13	Prabaharan N., Palanisamy K.	A comprehensive review on reduced switch multilevel inverter topologies, modulation techniques and applications	Renewable and Sustainable Energy Reviews	76	-	1248	1282	10.56	https://doi.org/10.1016/j.rser.2017.03.121
14	Ram J.P., Babu T.S., Rajasekar N.	A comprehensive review on solar PV maximum power point tracking techniques	Renewable and Sustainable Energy Reviews	67	-	826	847	10.56	https://doi.org/10.1016/j.rser.2016.09.076
15	Mukkamala Y.	Contemporary trends in thermo-hydraulic testing and modeling of automotive radiators deploying nano-coolants and aerodynamically efficient air-side fins	Renewable and Sustainable Energy Reviews	76	-	1208	1229	10.56	https://doi.org/10.1016/j.rser.2017.03.106

16	Pappachen A., Peer Fathima A.	Critical research areas on load frequency control issues in a deregulated power system: A state-of-the-art-of-review	Renewable and Sustainable Energy Reviews	72	-	166	177	10.56	https://doi.org/10.1016/j.rser.2017.01.053
17	Qiu T., Qiao R., Han M., Sangaiah A.K., Lee I.	A Lifetime-Enhanced Data Collecting Scheme for the Internet of Things	IEEE Communications Magazine	55	11	132	137	10.36	https://doi.org/10.1109/MCOM.2017.1700033
18	Karati A., Islam S.H., Biswas G.P., Bhuiyan M.Z.A., Vijayakumar P., Karuppiah M.	Provably Secure Identity-based Signcryption Scheme for Crowdsourced Industrial Internet of Things Environments	IEEE Internet of Things Journal	-	-	-	-	9.52	https://doi.org/10.1109/JIOT.2017.2741580
19	Ahmed I., Ahmad A., Piccialli F., Sangaiah A.K., Jeon G.	A robust features based person tracker for overhead views in industrial environment	IEEE Internet of Things Journal	-	-	-	-	9.52	https://doi.org/10.1109/JIOT.2017.2787779
20	Benjamin M., Manoj D., Thenmozhi K., Bhagat P.R., Saravanakumar D., Senthilkumar S.	A bioinspired ionic liquid tagged cobalt-salophen complex for nonenzymatic detection of glucose	Biosensors and Bioelectronics	91	-	380	387	9.52	https://doi.org/10.1016/j.bios.2016.12.064
21	Bothra S., Upadhyay Y., Kumar R., Ashok Kumar S.K., Sahoo S.K.	Chemically modified cellulose strips with pyridoxal conjugated red fluorescent gold nanoclusters for nanomolar detection of mercuric ions	Biosensors and Bioelectronics	90	-	329	335	9.52	https://doi.org/10.1016/j.bios.2016.11.066
22	Benjamin, Michael; Manoj, Devaraj; Thenmozhi, Kathavarayan; Bhagat, Pundlik Rambhau; Saravanakumar, Duraisamy; Senthilkumar, Sellappan	bioinspired ionic liquid tagged cobalt-salophen complex for nonenzymatic detection of glucose	Biosensors and Bioelectronics	91	-	380	387	9.52	https://doi.org/10.1016/j.bios.2016.12.064
23	Saravanan S., Ramesh Babu N.	Analysis and implementation of high step-up DC-DC converter for PV based grid application	Applied Energy	190	-	64	72	8.43	https://doi.org/10.1016/j.apenergy.2016.12.094
24	Prasanth Ram J., Rajasekar N.	A new robust, mutated and fast tracking LPSO method for solar PV maximum power point tracking under partial shaded conditions	Applied Energy	201	-	45	59	8.43	https://doi.org/10.1016/j.apenergy.2017.05.102
25	Katari, Venkatesh; Sen, Dwaipayan	NOTCH Signaling Is Essential for Maturation, Self-Renewal and Tri-Differentiation of In Vitro-Derived Human Neural Stem Cells	MOLECULAR THERAPY	25	5	76	76	8.4	https://www.liebertpub.com/doi/abs/10.1089/cell.2017.0009
26	Mullick, Madhubanti; Sen, Dwaipayan	Cytoprotective Role of Oprd1 via Attenuation of UPR in Human MSCs Subjected to Oxidative Stress	MOLECULAR THERAPY	25	5	164	165	8.4	https://www.researchgate.net/publication/317300718_Cytoprotective_Role_of_Oprd1_via_Attenuation_of_UPR_in_Human_MSCs_Subjected_to_Oxidative_Stress
27	Santhosh C., Daneshvar E., Kollu P., PerÃ¤niemi S., Grace A.N., Bhatnagar A.	Magnetic SiO2@CoFe2O4 nanoparticles decorated on graphene oxide as efficient adsorbents for the removal of anionic pollutants from water	Chemical Engineering Journal	322	-	472	487	8.36	https://doi.org/10.1016/j.cej.2017.03.144
28	Rajamani M., Mishra V.R., Maliyekkal S.M.	Bundled-firewood like AlOOH-CaCl2 nanocomposite desiccant	Chemical Engineering Journal	323	-	171	179	8.36	https://doi.org/10.1016/j.cej.2017.04.084

29	Saravanakumar D., Song J., Lee S., Hur N.H., Shin W.	Electrocatalytic Conversion of Carbon Dioxide and Nitrate Ions to Urea by a Titaniaââ€š¬ââ,¬Å“Nafion Composite Electrode	ChemSusChem	10	20	3999	4003	7.8	https://doi.org/10.1002/cssc.201701448
30	Babu T.S., Ram J.P., Dragicevic T., Miyatake M., Blaabjerg F., Rajasekar N.	Particle Swarm Optimization based Solar PV Array Reconfiguration of the Maximum Power Extraction under Partial Shading Conditions	IEEE Transactions on Sustainable Energy	-	-	-	-	7.65	https://doi.org/10.1109/TSTE.2017.2714905
31	Lakshmi M., Hemamalini S.	Non-isolated High Gain DC-DC Converter for DC Microgrids	IEEE Transactions on Industrial Electronics	-	-	-	-	7.5	https://doi.org/10.1109/TIE.2017.2733463
32	Qiu T., Zhang Y., Qiao D., Zhang X., Wymore M.L., Sangaiah A.K.	A Robust Time Synchronization Scheme for Industrial Internet of Things	IEEE Transactions on Industrial Informatics	-	-	-	-	7.38	https://doi.org/10.1109/TII.2017.2738842
33	Walia N., Dasgupta N., Ranjan S., Chen L., Ramalingam C.	Fish oil based vitamin D nanoencapsulation by ultrasonication and bioaccessibility analysis in simulated gastro-intestinal tract	Ultrasonics Sonochemistry	39	-	623	635	7.28	https://doi.org/10.1016/j.ultsonch.2017.05.021
34	Babu S.G., Aparna P., Satishkumar G., Ashokkumar M., Neppolian B.	Ultrasound-assisted mineralization of organic contaminants using a recyclable LaFeO3 and Fe3+/persulfate Fenton-like system	Ultrasonics Sonochemistry	34	-	924	930	7.28	https://doi.org/10.1016/j.ultsonch.2016.08.002
35	Murugesan N., Rajamohan V.	Prediction of Progressive Ply Failure of Laminated Composite Structures: A Review	Archives of Computational Methods in Engineering	24	4	841	853	7.24	https://doi.org/10.1007/s11831-016-9191-2
36	Thirumalaivasan R., Xu Y., Janaki M.	Power control with z-source converter based unified power flow controller	IEEE Transactions on Power Electronics	32	12	9413	9423	7.22	https://doi.org/10.1109/TPEL.2017.2657798
37	Prasanth Ram J., Rajasekar N.	A Novel Flower Pollination Based Global Maximum Power Point Method for Solar Maximum Power Point Tracking	IEEE Transactions on Power Electronics	32	11	8486	8499	7.22	https://doi.org/10.1109/TPEL.2016.2645449
38	Nanthagopal K., Ashok B., Tamilarasu A., Johny A., Mohan A.	Influence on the effect of zinc oxide and titanium dioxide nanoparticles as an additive with Calophyllum inophyllum methyl ester in a CI engine	Energy Conversion and Management	146	-	8	19	7.18	https://doi.org/10.1016/j.enconman.2017.05.021
39	Ashok B., Thundil Karuppa Raj R., Nanthagopal K., Krishnan R., Subbarao R.	Lemon peel oil âââ€š¬ââ,¬Å“ A novel renewable alternative energy source for diesel engine	Energy Conversion and Management	139	-	110	121	7.18	https://doi.org/10.1016/j.enconman.2017.02.049
40	Ashok B., Nanthagopal K., Jeevanantham A.K., Bhowmick P., Malhotra D., Agarwal P.	An assessment of calophyllum inophyllum biodiesel fuelled diesel engine characteristics using novel antioxidant additives	Energy Conversion and Management	148	-	935	943	7.18	https://doi.org/10.1016/j.enconman.2017.06.049
41	Ram J.P., Babu T.S., Dragicevic T., Rajasekar N.	A new hybrid bee pollinator flower pollination algorithm for solar PV parameter estimation	Energy Conversion and Management	135	-	463	476	7.18	https://doi.org/10.1016/j.enconman.2016.12.082
42	Challababu., P ponnambalam	The role of thermoelectric generators in the hybrid PV/T systems: A review	Energy Conversion and Management	151	-	368	385	7.18	https://doi.org/10.1016/j.enconman.2017.08.060
43	Safri S.N.A., Sultan M.T.H., Jawaid M., Jayakrishna K.	Impact behaviour of hybrid composites for structural applications: A review	Composites Part B: Engineering	133	-	112	121	6.86	https://doi.org/10.1016/j.compositesb.2017.09.008
44	Rajaram T., Reddy J.M., Xu Y.	Kalman Filter Based Detection and Mitigation of Subsynchronous Resonance with SSSC	IEEE Transactions on Power Systems	32	2	1400	1409	6.81	https://doi.org/10.1109/TPWRS.2016.2572301
45	Goud E.V., Sivaramakrishna A., Vijayakrishna K.	Aminophosphine Oxides: A Platform for Diversified Functions	Topics in Current Chemistry	375	1	-	-	6.72	https://doi.org/10.1007/s41061-016-0090-7
46	Jain A., Ranjan S., Dasgupta N., Ramalingam C.	Nanomaterials in food and agriculture: An overview on their safety concerns and regulatory issues	Critical Reviews in Food Science and Nutrition	-	-	1	21	6.7	https://doi.org/10.1080/10408398.2016.1160363

47	Kanmani P., Aravind J., Kamaraj M., Sureshbabu P., Karthikeyan S.	Environmental applications of chitosan and cellulosic biopolymers: A comprehensive outlook	Bioresource Technology	242	-	295	303	6.67	https://doi.org/10.1016/j.biortech.2017.03.119
48	Gothandam K.M., Thakur I.S., Sukumaran R.K., Aguilar C.N., Yusup S.	International Conference on Current Trends in Biotechnology & post ICCB-2016 conference on Strategies for Environmental Protection and Management (ICSEPM-2016)	Bioresource Technology	242	-	1	1	6.67	https://doi.org/10.1016/j.biortech.2017.07.069
49	Srinivasan R., Babu S., Gothandam K.M.	Accumulation of phytoene, a colorless carotenoid by inhibition of phytoene desaturase (PDS) gene in Dunaliella salina V-101	Bioresource Technology	242	-	311	318	6.67	https://doi.org/10.1016/j.biortech.2017.03.042
50	Gomes S., Kaur A., GrenÃ¨che J.-M., Nedelec J.-M., Renaudin G.	Atomic scale modeling of iron-doped biphasic calcium phosphate bioceramics	Acta Biomaterialia	50	-	78	88	6.64	https://doi.org/10.1016/j.actbio.2016.12.011
51	Karthik, Shanmugam; Gandhi, Thirumanavelan	Palladium(II)/N-Heterocyclic Carbene-Catalyzed Direct C-H Acylation of Heteroarenes with N-Acylsaccharins	ORGANIC LETTERS	19	19	5486	5489	6.56	https://doi.org/10.1021/acs.orglett.7b02877
52	Ashok B., Nanthagopal K., Subbarao R., Johny A., Mohan A., Tamilarasu A.	Experimental studies on the effect of metal oxide and antioxidant additives with Calophyllum Inophyllum Methyl ester in compression ignition engine	Journal of Cleaner Production	166	-	474	484	6.4	https://doi.org/10.1016/j.jclepro.2017.08.050
53	Shakilanishi S., Chandra Babu N.K., Shanthi C.	Exploration of chrome shaving hydrolysate as substrate for production of dehairing protease by Bacillus cereus VITSN04 for use in cleaner leather production	Journal of Cleaner Production	149	-	797	804	6.4	https://doi.org/10.1016/j.jclepro.2017.02.139
54	Bello M.M., Abdul Raman A.A., Purushothaman M.	Applications of fluidized bed reactors in wastewater treatment âââ€š¬ââ‚¬Å“ A review of the major design and operational parameters	Journal of Cleaner Production	141	-	1492	1514	6.4	https://doi.org/10.1016/j.jclepro.2016.09.148
55	Dinesh B., Saraswathi R.	Electrochemical synthesis of nanostructured copper-curcumin complex and its electrocatalytic application towards reduction of 4-nitrophenol	Sensors and Actuators, B: Chemical	253	-	502	512	6.39	https://doi.org/10.1016/j.snb.2017.06.149
56	Munusamy S.K., Thirumoorthy K., Muralidharan V.P., Balijapalli U., Iyer S.K.	Enantioselective fluorescent sensing of chiral carboxylic acid by engaging boronic acid and BINOL	Sensors and Actuators, B: Chemical	244	-	175	181	6.39	https://doi.org/10.1016/j.snb.2016.12.099
57	Munusamy S., Muralidharan V.P., Iyer S.K.	Enantioselective recognition of unmodified amino acids by ligand-displacement assays with in situ generated 1:1 Cu(II)-BINOL imidazole complex	Sensors and Actuators, B: Chemical	250	-	244	249	6.39	https://doi.org/10.1016/j.snb.2017.04.169
58	Nellaiappan S., Kumar A.S.	Selective amperometric and flow injection analysis of 1,2-dihydroxy benzene isomer in presence of 1,3- and 1,4-dihydroxy benzene isomers using palladium nanoparticles-chitosan modified ITO electrode	Sensors and Actuators, B: Chemical	254	-	820	826	6.39	https://doi.org/10.1016/j.snb.2017.07.176
59	Mahesh K., Karpagam S.	Thiophene-thiazole functionalized oligomers-excellent fluorescent sensing and selective probe for copper and iron ion	Sensors and Actuators, B: Chemical	251	-	9	20	6.39	https://doi.org/10.1016/j.snb.2017.05.014
60	Vishnu N., Kumar A.S.	A new strategy for simple and quick estimation of redox active nickel impurity in pristine SWCNT as nickel hexacyanoferrate by electrochemical technique	Sensors and Actuators, B: Chemical	238	-	1111	1119	6.39	https://doi.org/10.1016/j.snb.2016.07.148

61	Sarveswari S., Beneto A.J., Siva A.	Colorimetric sensing of cyanide and fluoride ions by diaminomalenonitrile based Schiff bases	Sensors and Actuators, B: Chemical	245	-	428	434	6.39	https://doi.org/10.1016/j.snb.2017.01.174
62	Selvakumar R., Ashok Kumar S.K., Vijayakrishna K., Sivaramakrishna A., Brahmmananda Rao C.V.S., Sivaraman N., Sahoo S.K.	Development of highly selective chemosensor for thorium estimation	Sensors and Actuators, B: Chemical	-	-	-	-	6.39	https://doi.org/10.1016/j.snb.2017.08.131
63	Mani S., Ramaraj S., Chen S.-M., Dinesh B., Chen T.-W.	Two-dimensional metal chalcogenides analogous NiSe2 nanosheets and its efficient electrocatalytic performance towards glucose sensing	Journal of Colloid and Interface Science	507	-	378	385	6.36	https://doi.org/10.1016/j.jcis.2017.08.018
64	Balaji R., Sasikumar M.	Graphene based strain and damage prediction system for polymer composites	Composites Part A: Applied Science and Manufacturing	103	-	48	59	6.28	https://doi.org/10.1016/j.compositesa.2017.09.006
65	Srinivasan R., Dey A., Shanmugam Nagarajan N., Kumaran R.S., Gandhi T., Maiti D.	Pd-Catalyzed C-H arylation of pyridazine-based fused 1,2,4-triazoles: Overriding selectivity at the usual position by undermining of preferred chelate formation	Chemical Communications	53	85	11709	11712	6.16	https://doi.org/10.1039/c7cc06226e
66	Dong Y., Wang X., Kamaraj S., Bulbule V.J., Chiu F.C.K., Chollet J., Dhanasekaran M., Hein C.D., Papastogiannidis P., Morizzi J., Shackleford D.M., Barker H., Ryan E., Scheurer C., Tang Y., Zhao Q., Zhou L., White K.L., Urwyler H., Charman W.N., Matile H.	Structure-Activity Relationship of the Antimalarial Ozonide Artefenomel (OZ439)	Journal of Medicinal Chemistry	60	7	2654	2668	6.05	https://doi.org/10.1021/acs.jmedchem.6b01586
67	Ganesamoorthy R., Sathiyan G., Sakthivel P.	Review: Fullerene based acceptors for efficient bulk heterojunction organic solar cell applications	Solar Energy Materials and Solar Cells	161	-	102	148	6.02	https://doi.org/10.1016/j.solmat.2016.11.024
68	Saravanan S., Babu N.R.	Design and Development of Single Switch High Step-Up DC-DC Converter	IEEE Journal of Emerging and Selected Topics in Power Electronics	-	-	-	-	5.97	https://doi.org/10.1109/JESTPE.2017.2739819
69	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	Molecular Therapy - Nucleic Acids	8	-	132	143	5.92	https://doi.org/10.1016/j.omtn.2017.06.005
70	Logesh R., Subramaniyaswamy V., Vijayakumar V., Gao X.-Z., Indragandhi V.	A hybrid quantum-induced swarm intelligence clustering for the urban trip recommendation in smart city	Future Generation Computer Systems	83	-	653	673	5.77	https://doi.org/10.1016/j.future.2017.08.060
71	Wu F., Li X., Sangaiah A.K., Xu L., Kumari S., Wu L., Shen J.	A lightweight and robust two-factor authentication scheme for personalized healthcare systems using wireless medical sensor networks	Future Generation Computer Systems	82	-	727	737	5.77	https://doi.org/10.1016/j.future.2017.08.042
72	Balakrishnan S.M., Sangaiah A.K.	MIFIMâââ€š¬ââ,¬ÂMiddleware solution for service centric anomaly in future internet models	Future Generation Computer Systems	74	-	349	365	5.77	https://doi.org/10.1016/j.future.2016.08.006
73	Mahmood K., Chaudhry S.A., Naqvi H., Kumari S., Li X., Sangaiah A.K.	An elliptic curve cryptography based lightweight authentication scheme for smart grid communication	Future Generation Computer Systems	81	-	557	565	5.77	https://doi.org/10.1016/j.future.2017.05.002
74	Namasudra S., Roy P., Vijayakumar P., Audithan S., Balusamy B.	Time efficient secure DNA based access control model for cloud computing environment	Future Generation Computer Systems	73	-	90	105	5.77	https://doi.org/10.1016/j.future.2017.01.017

75	Ali R., Pal A.K., Kumari S., Karuppiah M., Conti M.	A secure user authentication and key-agreement scheme using wireless sensor networks for agriculture monitoring	Future Generation Computer Systems	84	-	200	215	5.77	https://doi.org/10.1016/j.future.2017.06.018
76	Hu P., Ning H., Qiu T., Xu Y., Luo X., Sangaiah A.K.	A unified face identification and resolution scheme using cloud computing in Internet of Things	Future Generation Computer Systems	81	-	582	592	5.77	https://doi.org/10.1016/j.future.2017.03.030
77	Vijayakumar P., Chang V., Jegatha Deborah L., Balusamy B., Shynu P.G.	Computationally efficient privacy preserving anonymous mutual and batch authentication schemes for vehicular ad hoc networks	Future Generation Computer Systems	78	-	943	955	5.77	https://doi.org/10.1016/j.future.2016.11.024
78	Khanduzi R., Peyghami M.R., Sangaiah A.K.	Data envelopment analysis and interdiction median problem with fortification for enabling IoT technologies to relieve potential attacks	Future Generation Computer Systems	79	-	928	940	5.77	https://doi.org/10.1016/j.future.2017.08.056
79	Ma R., Wang K., Qiu T., Sangaiah A.K., Lin D., Liaqat H.B.	Feature-based Compositing Memory Networks for Aspect-based Sentiment Classification in Social Internet of Things	Future Generation Computer Systems	-	-	-	-	5.77	https://doi.org/10.1016/j.future.2017.11.036
80	Priyadarshini B., Anjaneyulu U., Vijayalakshmi V.	Preparation and characterization of sol-gel derived Ce4Â + doped hydroxyapatite and its in vitro biological evaluations for orthopedic applications	Materials and Design	119	-	446	455	5.77	https://doi.org/10.1016/j.matdes.2017.01.095
81	Balaji A.P.B., Sastry T.P., Manigandan S., Mukherjee A., Chandrasekaran N.	Environmental benignity of a pesticide in soft colloidal hydrodispersive nanometric form with improved toxic precision towards the target organisms than non-target organisms	Science of the Total Environment	579	-	190	201	5.59	https://doi.org/10.1016/j.scitotenv.2016.10.240
82	Simha P., Lalander C., VinnerÃ¥s B., Ganesapillai M.	Farmer attitudes and perceptions to the reâââ€š¬ââ,¬Å“use of fertiliser products from resourceâââ€š¬ââ,¬Å“oriented sanitation systems âââ€š¬ââ,¬Å“ The case of Vellore, South India	Science of the Total Environment	581-582	-	885	896	5.59	https://doi.org/10.1016/j.scitotenv.2017.01.044
83	Arumugam, Deepak; Logamani, Premalatha; Karuppiah, Santha	Improved performance of integrated generator systems with claw pole alternator for aircraft applications	Energy	133	-	808	821	5.54	https://doi.org/10.1016/j.energy.2017.05.132
84	Senthur Prabu S., Asokan M.A., Roy R., Francis S., Sreelekh M.K.	Performance, combustion and emission characteristics of diesel engine fuelled with waste cooking oil bio-diesel/diesel blends with additives	Energy	122	-	638	648	5.54	https://doi.org/10.1016/j.energy.2017.01.119
85	Prasanth Ram J., Rajasekar N.	A new global maximum power point tracking technique for solar photovoltaic (PV) system under partial shading conditions (PSC)	Energy	118	-	512	525	5.54	https://doi.org/10.1016/j.energy.2016.10.084
86	Ashok B., Nanthagopal K., Mohan A., Johny A., Tamilarasu A.	Comparative analysis on the effect of zinc oxide and ethanox as additives with biodiesel in CI engine	Energy	140	-	352	364	5.54	https://doi.org/10.1016/j.energy.2017.09.021
87	Sivaraja C.M., Sakthivel G.	Compression ignition engine performance modelling using hybrid MCDM techniques for the selection of optimum fish oil biodiesel blend at different injection timings	Energy	139	-	118	141	5.54	https://doi.org/10.1016/j.energy.2017.07.134
88	Manimaran R.	Computational analysis of flow features and energy separation in a counter-flow vortex tube based on number of inlets	Energy	123	-	564	578	5.54	https://doi.org/10.1016/j.energy.2017.02.025

89	Sakthivel G., Sivakumar R., Saravanan N., Ikua B.W.	A decision support system to evaluate the optimum fuel blend in an IC engine to enhance the energy efficiency and energy management	Energy	140	-	566	583	5.54	https://doi.org/10.1016/j.energy.2017.08.051
90	Meena K.V., Mathew R., Sankar A.R.	Design and optimization of a three-terminal piezoresistive pressure sensor for catheter based in vivo biomedical applications	Biomedical Physics and Engineering Express	3	4	-	-	5.52	https://doi.org/10.1088/2057-1976/aa768d
91	Elancheziyan M., Manoj D., Saravanakumar D., Thenmozhi K., Senthilkumar S.	Amperometric sensing of catechol using a glassy carbon electrode modified with ferrocene covalently immobilized on graphene oxide	Microchimica Acta	184	8	2925	2932	5.48	https://doi.org/10.1007/s00604-017-2312-2
92	Pradeep N., Venkatachalaiah C., Venkatraman U., Santhosh C., Bhatnagar A., Jeong S.K., Grace A.N.	Magnesium oxide nanocubes deposited on an overhead projector sheet: synthesis and resistivity-based hydrogen sensing capability	Microchimica Acta	184	9	3349	3355	5.48	https://doi.org/10.1007/s00604-017-2348-3
93	Natarajan P., Venkatraman U., Andrews N.G.	Overhead projector sheets as substrate for deposition of one-dimensional tin dioxide nanostructures for use as a chemoresistive sensor for hydrogen	Microchimica Acta	184	9	3153	3161	5.48	https://doi.org/10.1007/s00604-017-2329-6
94	Nellaiappan S., Kumar A.S.	Reductive cleavage of methyl orange under formation of a redox-active hydroquinone/polyaniline nanocomposite on an electrode modified with MWCNTs, and its application to flow injection analysis of ascorbic acid at low potential and neutral pH value	Microchimica Acta	184	9	3255	3264	5.48	https://doi.org/10.1007/s00604-017-2339-4
95	Gounder Thangamani J., Deshmukh K., Sadasivuni K.K., Ponnamma D., Goutham S., Venkateswara Rao K., Chidambaram K., Basheer Ahamed M., Nirmala Grace A., Faisal M., Khadheer Pasha S.K.	White graphene reinforced polypyrrole and poly(vinyl alcohol) blend nanocomposites as chemiresistive sensors for room temperature detection of liquid petroleum gases	Microchimica Acta	184	10	3977	3987	5.48	https://doi.org/10.1007/s00604-017-2402-1
96	achari D.S., Santhosh C., Deivasegamani R., Nivetha R., Bhatnagar A., Jeong S.K., Grace A.N.	A non-enzymatic sensor for hydrogen peroxide based on the use of Î±-Fe2O3 nanoparticles deposited on the surface of NiO nanosheets	Microchimica Acta	184	9	3223	3229	5.48	https://doi.org/10.1007/s00604-017-2335-8
97	Ezhil Vilian A.T., Dinesh B., Muruganantham R., Choe S.R., Kang S.-M., Huh Y.S., Han Y.-K.	A screen printed carbon electrode modified with an amino-functionalized metal organic framework of type MIL-101(Cr) and with palladium nanoparticles for voltammetric sensing of nitrite	Microchimica Acta	-	-	1	9	5.48	https://doi.org/10.1007/s00604-017-2513-8
98	Deivasegamani R., Karunanidhi G., Santhosh C., Gopal T., Saravana Achari D., Neogi A., Nivetha R., Pradeep N., Venkatraman U., Bhatnagar A., Jeong S.K., Grace A.N.	Chemoresistive sensor for hydrogen using thin films of tin dioxide doped with cerium and palladium	Microchimica Acta	-	-	1	9	5.48	https://doi.org/10.1007/s00604-017-2514-7

99	Panyam P.K.R., Gandhi T.	Palladium(II)/N-Heterocyclic Carbene-Catalyzed Regioselective Heteroannulation of Tertiary Propargyl Alcohols and o-Haloanilines to form 2-Alkenylindoles	Advanced Synthesis and Catalysis	359	7	1144	1151	5.45	https://doi.org/10.1002/adsc.201601349
100	Natarajan M., Srinivas T.	Experimental and simulation studies on a novel gravity based passive tracking system for a linear solar concentrating collector	Renewable Energy	105	-	312	323	5.44	https://doi.org/10.1016/j.renene.2016.12.060
101	Shilaja C., Ravi K.	Optimization of emission/economic dispatch using euclidean affine flower pollination algorithm (eFPA) and binary FPA (BFPA) in solar photo voltaic generation	Renewable Energy	107	-	550	566	5.44	https://doi.org/10.1016/j.renene.2017.02.021
102	Karthik Reddy B.S., Poondla A.	Performance analysis of solar powered Unmanned Aerial Vehicle	Renewable Energy	104	-	20	29	5.44	https://doi.org/10.1016/j.renene.2016.12.008
103	Mageswari A., Subramanian P., Chandrasekaran S., Karthikeyan S., Gothandam K.M.	Systematic functional analysis and application of a cold-active serine protease from a novel Chryseobacterium sp.	Food Chemistry	217	-	18	27	5.4	https://doi.org/10.1016/j.foodchem.2016.08.064
104	Hemachandran H., Anantharaman A., Mohan S., Mohan G., Kumar D.T., Dey D., Kumar D., Dey P., Choudhury A., George Priya Doss C., Ramamoorthy S.	Unraveling the inhibition mechanism of cyanidin-3-sophoroside on polyphenol oxidase and its effect on enzymatic browning of apples	Food Chemistry	227	-	102	110	5.4	https://doi.org/10.1016/j.foodchem.2017.01.041
105	âââ€š¬ââ,¬¹Liyakath R., Kannappan S.	High-Efficiency fullerene-free organic solar cell based on P3HT: P(NDI2OD-T2) co-polymers through integrated molecular and interfacial engineeringâââ€š¬ââ,¬¹	Electrochimica Acta	250	-	267	277	5.38	https://doi.org/10.1016/j.electacta.2017.08.088
106	Nellaiappan S., Kumar A.S., Nisha S., Chandrasekara Pillai K.	In-situ preparation of Au(111) oriented nanoparticles trapped carbon nanofiber-chitosan modified electrode for enhanced bifunctional electrocatalysis and sensing of formaldehyde and hydrogen peroxide in neutral pH solution	Electrochimica Acta	249	-	227	240	5.38	https://doi.org/10.1016/j.electacta.2017.07.154
107	Porcarelli L., Manojkumar K., Sardon H., Llorente O., Shaplov A.S., Vijayakrishna K., Gerbaldi C., Mecerreyes D.	Single Ion Conducting Polymer Electrolytes Based On Versatile Polyurethanes	Electrochimica Acta	241	-	526	534	5.38	https://doi.org/10.1016/j.electacta.2017.04.132
108	Shalini Devi K.S., Mahalakshmi V.T., Ghosh A.R., Kumar A.S.	Unexpected co-immobilization of lactoferrin and methylene blue from milk solution on a Nafion/MWCNT modified electrode and application to hydrogen peroxide and lactoferrin biosensing	Electrochimica Acta	244	-	26	37	5.38	https://doi.org/10.1016/j.electacta.2017.05.077
109	Dinesh B., Saraswathi R., Senthil Kumar A.	Water based homogenous carbon ink modified electrode as an efficient sensor system for simultaneous detection of ascorbic acid, dopamine and uric acid	Electrochimica Acta	233	-	92	104	5.38	https://doi.org/10.1016/j.electacta.2017.02.139

110	Mayuri P., Saravanan N., Senthil Kumar A.	A bioinspired copper 2,2-bipyridyl complex immobilized MWCNT modified electrode prepared by a new strategy for elegant electrocatalytic reduction and sensing of hydrogen peroxide	Electrochimica Acta	240	-	522	533	5.38	https://doi.org/10.1016/j.electacta.2017.04.082
111	Bhowmick A., Yadav K., Roy S.D., Kundu S.	Throughput of an Energy Harvesting Cognitive Radio Network Based on Prediction of Primary User	IEEE Transactions on Vehicular Technology	66	9	8119	8128	5.34	https://doi.org/10.1109/TVT.2017.2690675
112	Li X., Niu J., Kumari S., Wu F., Sangaiah A.K., Choo K.K.R.	A three-factor anonymous authentication scheme for wireless sensor networks in internet of things environments	Journal of Network and Computer Applications	-	-	-	-	5.27	https://doi.org/10.1016/j.jnca.2017.07.001
113	Chen C., Qiu T., Hu J., Ren Z., Zhou Y., Sangaiah A.K.	A congestion avoidance game for information exchange on intersections in heterogeneous vehicular networks	Journal of Network and Computer Applications	85	-	116	126	5.27	https://doi.org/10.1016/j.jnca.2016.12.014
114	Bhargava S., Patil V., Mahalingam K., Somasundaram K.	Elucidation of the genetic and epigenetic landscape alterations in RNA binding proteins in glioblastoma	Oncotarget	8	10	16650	16668	5.16	https://doi.org/10.18632/oncotarget.14287
115	Prabhakaran S., Kulkarni A., Vasanth G., Kalainathan S., Shukla P., Vasudevan V.K.	Laser shock peening without coating induced residual stress distribution, wettability characteristics and enhanced pitting corrosion resistance of austenitic stainless steel	Applied Surface Science	428	-	17	30	5.16	https://doi.org/10.1016/j.apsusc.2017.09.138
116	Malathi A., Arunachalam P., Grace A.N., Madhavan J., Al-Mayouf A.M.	A robust visible-light driven BiFeWO6/BiOI nanohybrid with efficient photocatalytic and photoelectrochemical performance	Applied Surface Science	412	-	85	95	5.16	https://doi.org/10.1016/j.apsusc.2017.03.199
117	Bhasker J.P., Porpatham E.	Effects of compression ratio and hydrogen addition on lean combustion characteristics and emission formation in a Compressed Natural Gas fuelled spark ignition engine	Fuel	208	-	260	270	5.13	https://doi.org/10.1016/j.fuel.2017.07.024
118	Ravi K., Pradeep Bhasker J., Porpatham E.	Effect of compression ratio and hydrogen addition on part throttle performance of a LPG fuelled lean burn spark ignition engine	Fuel	205	-	71	79	5.13	https://doi.org/10.1016/j.fuel.2017.05.062
119	Rajeshkumar S., Liu Y., Zhang X., Ravikumar B., Bai G., Li X.	Studies on seasonal pollution of heavy metals in water, sediment, fish and oyster from the Meiliang Bay of Taihu Lake in China	Chemosphere	191	-	626	638	5.11	https://doi.org/10.1016/j.chemosphere.2017.10.078
120	Chakraborti D., Das B., Rahman M.M., Nayak B., Pal A., Sengupta M.K., Ahamed S., Hossain M.A., Chowdhury U.K., Biswas B.K., Saha K.C., Dutta R.N.	Arsenic in groundwater of the Kolkata Municipal Corporation (KMC), India: Critical review and modes of mitigation	Chemosphere	180	-	437	447	5.11	https://doi.org/10.1016/j.chemosphere.2017.04.051
121	Gayathri K.S., Easwarakumar K.S., Elias S.	Probabilistic ontology based activity recognition in smart homes using Markov Logic Network	Knowledge-Based Systems	121	-	173	184	5.1	https://doi.org/10.1016/j.knosys.2017.01.025
122	Bhuvaneshwari M., Thiagarajan V., Nemade P., Chandrasekaran N., Mukherjee A.	Toxicity and trophic transfer of P25 TiO2 NPs from Dunaliella salina to Artemia salina: Effect of dietary and waterborne exposure	Environmental Research	160	-	39	46	5.03	https://doi.org/10.1016/j.envres.2017.09.022
123	Arunkumar M.P., Pitchaimani J., Gangadharan K.V., Lenin Babu M.C.	Sound transmission loss characteristics of sandwich aircraft panels: Influence of nature of core	Journal of Sandwich Structures and Materials	19	1	26	48	5.02	https://doi.org/10.1177/1099636216652580

124	Chellappa M., Vijayalakshmi U.	Electrophoretic deposition of silica and its composite coatings on Ti-6Al-4V, and its in vitro corrosion behaviour for biomedical applications	Materials Science and Engineering C	71	-	879	890	4.96	https://doi.org/10.1016/j.msec.2016.10.075
125	Pulyala P., Singh A., Dias-Netipanyj M.F., Cogo S.C., Santos L.S., Soares P., Gopal V., Suganthan V., Manivasagam G., Popat K.C.	In-vitro cell adhesion and proliferation of adipose derived stem cell on hydroxyapatite composite surfaces	Materials Science and Engineering C	75	-	1305	1316	4.96	https://doi.org/10.1016/j.msec.2017.02.175
126	Choudhary R., Manohar P., Vecstaudza J., YÃ¡Ã±ez-GascÃ³n M.J., SÃ¡nchez H.P., Nachimuthu R., Locs J., Swamiappan S.	Preparation of nanocrystalline forsterite by combustion of different fuels and their comparative in-vitro bioactivity, dissolution behaviour and antibacterial studies	Materials Science and Engineering C	77	-	811	822	4.96	https://doi.org/10.1016/j.msec.2017.03.308
127	Sudakaran S.V., Venugopal J.R., Vijayakumar G.P., Abisegapriyan S., Grace A.N., Ramakrishna S.	Sequel of MgO nanoparticles in PLACL nanofibers for anti-cancer therapy in synergy with curcumin/Î²-cyclodextrin	Materials Science and Engineering C	71	-	620	628	4.96	https://doi.org/10.1016/j.msec.2016.10.050
128	Alex S.A., Rajiv S., Chakravarty S., Chandrasekaran N., Mukherjee A.	Significance of surface functionalization of Gold Nanorods for reduced effect on IgG stability and minimization of cytotoxicity	Materials Science and Engineering C	71	-	744	754	4.96	https://doi.org/10.1016/j.msec.2016.10.061
129	Chaudhuri R., Ramachandran M., Moharil P., Harumalani M., Jaiswal A.K.	Biomaterials and cells for cardiac tissue engineering: Current choices	Materials Science and Engineering C	79	-	950	957	4.96	https://doi.org/10.1016/j.msec.2017.05.121
130	Sensharma P., Madhumathi G., Jayant R.D., Jaiswal A.K.	Biomaterials and cells for neural tissue engineering: Current choices	Materials Science and Engineering C	77	-	1302	1315	4.96	https://doi.org/10.1016/j.msec.2017.03.264
131	Lakshmi Prasanna V., Vijayaraghavan R.	Chemical manipulation of oxygen vacancy and antibacterial activity in ZnO	Materials Science and Engineering C	77	-	1027	1034	4.96	https://doi.org/10.1016/j.msec.2017.03.280
132	Devipriya D., Roopan S.M.	Cissus quadrangularis mediated ecofriendly synthesis of copper oxide nanoparticles and its antifungal studies against Aspergillus niger, Aspergillus flavus	Materials Science and Engineering C	80	-	38	44	4.96	https://doi.org/10.1016/j.msec.2017.05.130
133	Revathi A., BorrÃ¡s A.D., MuÃ±oz A.I., Richard C., Manivasagam G.	Degradation mechanisms and future challenges of titanium and its alloys for dental implant applications in oral environment	Materials Science and Engineering C	76	-	1354	1368	4.96	https://doi.org/10.1016/j.msec.2017.02.159
134	Padmaja rd., Sourav rej., Kaushik chanda	Environmentally friendly, microwaveâ€assisted synthesis of 5â€substituted 1Hâ€tetrazoles by recyclable CuO nanoparticles via (3+2) cycloaddition of nitriles and NaN3	Cuihua Xuebao/Chinese Journal of Catalysis	38	11	1918	1924	4.91	
135	Mary ealias a., Saravanakumar mp	Facile synthesis and characterisation of AlNs using Protein Rich Solution extracted from sewage sludge and its application for ultrasonic assisted dye adsorption: Isotherms, kinetics, mechanism and RSM design.	Journal of environmental management	206	-	215	227	4.87	https://www.sciencedirect.com/science/article/pii/S0301479717310198
136	Salam J.A., Hatha M.A.A., Das N.	Microbial-enhanced lindane removal by sugarcane (Saccharum officinarum) in doped soil-applications in phytoremediation and bioaugmentation	Journal of environmental management	193	-	394	399	4.87	https://doi.org/10.1016/j.jenvman.2017.02.006

137	L.D D.B., Raj E.D.	Flocking based evolutionary computation strategy for measuring centrality of online social networks	Applied Soft Computing Journal	58	-	495	516	4.87	https://doi.org/10.1016/j.asoc.2017.04.047
138	Rajesh R., Manikandan A., Sivakumar A., Ramasubbu C., Nagaraju N.	Substituted methoxybenzyl-sulfonyl-1H-benzo[d]imidazoles evaluated as effective H+/K+-ATPase inhibitors and anti-ulcer therapeutics	European Journal of Medicinal Chemistry	139	-	454	460	4.83	https://doi.org/10.1016/j.ejmech.2017.08.001
139	Nandakumar N., Muthuraman S., Gopinath P., Nithya P., Gopas J., Kumar R.S.	Synthesis of coumaperine derivatives: Their NF-ÎºB inhibitory effect, inhibition of cell migration and their cytotoxic activity	European Journal of Medicinal Chemistry	125	-	1076	1087	4.83	https://doi.org/10.1016/j.ejmech.2016.10.047
140	Manikandan A., Moharil P., Sathishkumar M., MuÃ±oz-Garay C., Sivakumar A.	Therapeutic investigations of novel indoxyl-based indolines: A drug target validation and Structure-Activity Relationship of angiotensin-converting enzyme inhibitors with cardiovascular regulation and thrombolytic potential	European Journal of Medicinal Chemistry	141	-	417	426	4.83	https://doi.org/10.1016/j.ejmech.2017.09.076
141	Rajesh M., Pitchaimani J.	Experimental investigation on buckling and free vibration behavior of woven natural fiber fabric composite under axial compression	Composite Structures	163	-	302	311	4.83	https://doi.org/10.1016/j.compstruct.2016.12.046
142	M ganapathi., T merzouki., O polit	Vibration study of curved nanobeams based on nonlocal higher-order shear deformation theory using finite element approach	Composite Structures	184	-	821	838	4.83	https://doi.org/10.1016/j.compstruct.2017.10.066
143	Kar V.R., Mahapatra T.R., Panda S.K.	Effect of different temperature load on thermal postbuckling behaviour of functionally graded shallow curved shell panels	Composite Structures	160	-	1236	1247	4.83	https://doi.org/10.1016/j.compstruct.2016.10.125
144	Venkatesan s., Khaw ak., Hande mp	Telomere Biology-Insights into an Intriguing Phenomenon.	Cells	6	2	E15	-	4.829	https://www.ncbi.nlm.nih.gov/pubmed/?term=Telomere Biology-Insights into an Intriguing Phenomenon.
145	Ashok B., Denis Ashok S., Ramesh Kumar C.	Trends and future perspectives of electronic throttle control system in a spark ignition engine	Annual Reviews in Control	-	-	-	-	4.76	https://doi.org/10.1016/j.arcontrol.2017.05.002
146	Manojkumar K., Mecerreyes D., Taton D., Gnanou Y., Vijayakrishna K.	Self-assembly of poly(ionic liquid) (PIL)-based amphiphilic homopolymers into vesicles and supramolecular structures with dyes and silver nanoparticles	Polymer Chemistry	8	22	3497	3503	4.76	https://doi.org/10.1039/c7py00453b
147	Pothanagandhi N., Sivaramakrishna A., Vijayakrishna K.	Chiral anion-triggered helical poly(ionic liquids)	Polymer Chemistry	8	5	918	925	4.76	https://doi.org/10.1039/c6py02012g
148	Sultana F., Neog M.K., Rasool M.	Targeted delivery of morin, a dietary bioflavanol encapsulated mannosylated liposomes to the macrophages of adjuvant-induced arthritis rats inhibits inflammatory immune response and osteoclastogenesis	European Journal of Pharmaceutics and Biopharmaceutics	115	-	229	242	4.71	https://doi.org/10.1016/j.ejpb.2017.03.009

149	Punniyakoti S., Sivakumarasamy R., Vaurette F., Joseph P., Nishiguchi K., Fujiwara A., ClÃ©ment N.	Hydrogen Silsesquioxane-Based Nanofluidics	Advanced Materials Interfaces	4	7	-	-	4.71	https://doi.org/10.1002/admi.201601155
150	Derick M., Rani C., Rajesh M., Farrag M.E., Wang Y., Busawon K.	An improved optimization technique for estimation of solar photovoltaic parameters	Solar Energy	157	-	116	124	4.67	https://doi.org/10.1016/j.solener.2017.08.006
151	Kumar R., Rajan A., Talukdar F.A., Dey N., Santhi V., Balas V.E.	Optimization of 5.5-GHz CMOS LNA parameters using firefly algorithm	Neural Computing and Applications	28	12	3765	3779	4.66	https://doi.org/10.1007/s00521-016-2267-y
152	Sangaiah A.K., Gopal J., Basu A., Subramaniam P.R.	An integrated fuzzy DEMATEL, TOPSIS, and ELECTRE approach for evaluating knowledge transfer effectiveness with reference to GSD project outcome	Neural Computing and Applications	28	1	111	123	4.66	https://doi.org/10.1007/s00521-015-2040-7
153	Anitha A., Acharjya D.P.	Crop suitability prediction in Vellore District using rough set on fuzzy approximation space and neural network	Neural Computing and Applications	-	-	1	18	4.66	https://doi.org/10.1007/s00521-017-2948-1
154	Deepa N., Ganesan K.	Decision-making tool for crop selection for agriculture development	Neural Computing and Applications	-	-	1	11	4.66	https://doi.org/10.1007/s00521-017-3154-x
155	C.V. R.K., Bagadi K.P.	Design of MC-CDMA receiver using radial basis function network to mitigate multiple access interference and nonlinear distortion	Neural Computing and Applications	-	-	1	11	4.66	https://doi.org/10.1007/s00521-017-3127-0
156	Manikandan K., Cheralathan K.K.	Heteropoly acid supported on silicaliteâââ€š¬ââ‚¬Å“1 possesing intracrystalline nanovoids prepared using biomass âââ€š¬ââ‚¬Å“ an efficient and recyclable catalyst for esterification of levulinic acid	Applied Catalysis A: General	547	-	237	247	4.63	https://doi.org/10.1016/j.apcata.2017.09.007
157	Maddinedi S.B., Mandal B.K., Fazlur-Rahman N.K.	High reduction of 4-nitrophenol using reduced graphene oxide/Ag synthesized with tyrosine	Environmental Chemistry Letters	15	3	467	474	4.62	https://doi.org/10.1007/s10311-017-0610-x
158	Manickam V., Velusamy R.K., Lochana R., Amiti, Rajendran B., Tamizhselvi R.	Applications and genotoxicity of nanomaterials in the food industry	Environmental Chemistry Letters	15	3	399	412	4.62	https://doi.org/10.1007/s10311-017-0633-3
159	Dasgupta N., Ranjan S., Ramalingam C.	Applications of nanotechnology in agriculture and water quality management	Environmental Chemistry Letters	-	-	1	15	4.62	https://doi.org/10.1007/s10311-017-0648-9
160	Prashantha Kumar T.K.M., Mandlimath T.R., Sangeetha P., Revathi S.K., Ashok Kumar S.K.	Nanoscale materials as sorbents for nitrate and phosphate removal from water	Environmental Chemistry Letters	-	-	1	12	4.62	https://doi.org/10.1007/s10311-017-0682-7
161	Lella J., Mandla V.R., Zhu X.	Solid waste collection/transport optimization and vegetation land cover estimation using Geographic Information System (GIS): A case study of a proposed smart-city	Sustainable Cities and Society	35	-	336	349	4.62	https://doi.org/10.1016/j.scs.2017.08.023
162	Chahal M., Harit S., Mishra K.K., Sangaiah A.K., Zheng Z.	A Survey on software-defined networking in vehicular ad hoc networks: Challenges, applications and use cases	Sustainable Cities and Society	35	-	830	840	4.62	https://doi.org/10.1016/j.scs.2017.07.007
163	Parashar A., Chakraborty D., Alex S.A., Dan P., Chandrasekaran N., Mukherjee A.	Effects of titanium dioxide nanoparticles on horseradish peroxidase-mediated peroxidation reactions	Journal of Molecular Liquids	241	-	852	860	4.56	https://doi.org/10.1016/j.molliq.2017.06.086

164	Ramana Reddy J.V., Sugunamma V., Sandeep N.	Enhanced heat transfer in the flow of dissipative non-Newtonian Casson fluid flow over a convectively heated upper surface of a paraboloid of revolution	Journal of Molecular Liquids	229	-	380	388	4.56	https://doi.org/10.1016/j.molliq.2016.12.100
165	Sandeep N., Sharma R.P., Ferdows M.	Enhanced heat transfer in unsteady magnetohydrodynamic nanofluid flow embedded with aluminum alloy nanoparticles	Journal of Molecular Liquids	234	-	437	443	4.56	https://doi.org/10.1016/j.molliq.2017.03.051
166	Sekar G., Haldar M., Thirumal Kumar D., George Priya Doss C., Mukherjee A., Chandrasekaran N.	Exploring the interaction between iron oxide nanoparticles (IONPs) and Human serum albumin (HSA): Spectroscopic and docking studies	Journal of Molecular Liquids	241	-	793	800	4.56	https://doi.org/10.1016/j.molliq.2017.06.093
167	Sandeep N., Reddy M.G.	Heat transfer of nonlinear radiative magnetohydrodynamic Cu-water nanofluid flow over two different geometries	Journal of Molecular Liquids	225	-	87	94	4.56	https://doi.org/10.1016/j.molliq.2016.11.026
168	Ramana Reddy J.V., Sugunamma V., Sandeep N.	Impact of nonlinear radiation on 3D magnetohydrodynamic flow of methanol and kerosene based ferrofluids with temperature dependent viscosity	Journal of Molecular Liquids	236	-	93	100	4.56	https://doi.org/10.1016/j.molliq.2017.04.011
169	Indumathi C., T.C. S.G., Vinitha G., Alfred Cecil Raj S.	Influence of number and position of nitro groups in tuning the thermodynamic and nonlinear optical properties of ethylenediaminium nitrophenolates	Journal of Molecular Liquids	238	-	89	95	4.56	https://doi.org/10.1016/j.molliq.2017.04.115
170	Balinge K.R., Khiratkar A.G., Bhagat P.R.	Polymer supported Zn-salen complexes: An effective one-pot oxidative esterification of aldehydes to carboxylic esters	Journal of Molecular Liquids	242	-	1085	1095	4.56	https://doi.org/10.1016/j.molliq.2017.07.105
171	Aher S., Das A., Muskawar P., Osborne J., Bhagat P.	Silver (I) complexes of imidazolium based N-heterocyclic carbenes for antibacterial applications	Journal of Molecular Liquids	231	-	396	403	4.56	https://doi.org/10.1016/j.molliq.2017.01.109
172	Chitreddy S.V., Shanmugam S.	Solvent free-synthesis of highly functionalized 4H-chromene-3-carboxamide derivatives using cerium ammonium nitrate and their antioxidant, antibacterial and solvatochromism studies	Journal of Molecular Liquids	243	-	494	502	4.56	https://doi.org/10.1016/j.molliq.2017.08.058
173	Karthiga D., Chandrasekaran N., Mukherjee A.	Spectroscopic studies on the interactions of bovine serum albumin in presence of silver nanorods	Journal of Molecular Liquids	232	-	251	257	4.56	https://doi.org/10.1016/j.molliq.2017.02.096
174	Aher S., Das A., Muskawar P., Osborne J., Bhagat P.	Synthesis, Characterization and Antimicrobial properties of Methylbenzyl and Nitrobenzyl containing Imidazolium-based Silver N-Heterocyclic Carbenes	Journal of Molecular Liquids	233	-	270	277	4.56	https://doi.org/10.1016/j.molliq.2017.03.021
175	Kumaran G., Sandeep N.	Thermophoresis and Brownian moment effects on parabolic flow of MHD Casson and Williamson fluids with cross diffusion	Journal of Molecular Liquids	233	-	262	269	4.56	https://doi.org/10.1016/j.molliq.2017.03.031
176	Jayachandra Babu M., Sandeep N.	UCM flow across a melting surface in the presence of double stratification and cross-diffusion effects	Journal of Molecular Liquids	232	-	27	35	4.56	https://doi.org/10.1016/j.molliq.2017.02.063
177	Haritha E., Roopan S.M., Madhavi G., Elango G., Arunachalam P.	Catunaregum spinosa capped Ag NPs and its photocatalytic application against amaranth toxic azo dye	Journal of Molecular Liquids	225	-	531	535	4.56	https://doi.org/10.1016/j.molliq.2016.11.120
178	Karthiga D., Chandrasekaran N., Mukherjee A.	Comparative studies on interaction of inorganic mercury with silver nanorods and nanotriangles	Journal of Molecular Liquids	242	-	987	992	4.56	https://doi.org/10.1016/j.molliq.2017.07.066

179	Palaniraja J., Kumar S.S., Ramki S., Arunachalam P., Roopan S.M.	Conventional spectroscopic identification of biologically active imidazo-pyrimido fused acridines: In vitro anti-bacterial and anti-feedant activity	Journal of Molecular Liquids	230	-	634	640	4.56	https://doi.org/10.1016/j.molliq.2017.01.010
180	Alex S.A., Chandrasekaran N., Mukherjee A.	Impact of gold nanorod functionalization on biocorona formation and their biological implication	Journal of Molecular Liquids	248	-	703	712	4.56	https://doi.org/10.1016/j.molliq.2017.10.119
181	Zaki O.K., George Priya Doss C., Ali S.A., Murad G.G., Elashi S.A., Ebnou M.S.A., Thirumal Kumar D., Khalifa O., Gamal R., El Abd H.S.A., Nasr B.N., Zayed H.	Genotype-phenotype correlation in patients with isovaleric acidaemia: Comparative structural modelling and computational analysis of novel variants	Human Molecular Genetics	26	16	3105	3115	4.54	https://doi.org/10.1093/hmg/ddx195
182	Sadiq, I. Mohammed; Dalai, Swayamprava; Chandrasekaran, N.; Mukherjee, A.	Ecotoxicity study of titania (TiO2) NPs on two microalgae species: Scenedesmus sp. and Chlorella sp. (vol 74, pg 1180, 2011)	Ecotoxicology and Environmental Safety	142	-	597	597	4.53	https://doi.org/10.1016/j.ecoenv.2017.04.029
183	Dinesh p., Rasool m., Dinesh p., Rasool m	Multifaceted role of IL-21 in rheumatoid arthritis: Current understanding and future perspectives.	Journal of cellular physiology	233	5	3918	3928	4.52	https://doi.org/10.1002/jcp.26158
184	Radha R., Sreekanth D.	Insight of magnesium alloys and composites for orthopedic implant applications âââ€š¬ââ‚¬Å“ a review	Journal of Magnesium and Alloys	5	3	286	312	4.52	https://doi.org/10.1016/j.jma.2017.08.003
185	Ashok B., Nanthagopal K., Thundil Karuppa Raj R., Pradeep Bhasker J., Sakthi Vignesh D.	Influence of injection timing and exhaust gas recirculation of a Calophyllum inophyllum methyl ester fuelled CI engine	Fuel Processing Technology	167	-	18	30	4.51	https://doi.org/10.1016/j.fuproc.2017.06.024
186	Rajendran C., Satishkumar G.	A Sustainable Heterogeneous Iron Catalyst Fe/SBA-15 towards Direct Arylation of Unactivated C(sp3)âËâ€ ââ‚¬â„¢H and C(sp2)âËâ€ ââ‚¬â„¢H Bonds with Arenes	ChemCatChem	9	7	1284	1291	4.5	https://doi.org/10.1002/cctc.201601562
187	Qiu T., Chen B., Sangaiah A.K., Ma J., Huang R.	A Survey of Mobile Social Networks: Applications, Social Characteristics, and Challenges	IEEE Systems Journal	-	-	-	-	4.46	https://doi.org/10.1109/JSYST.2017.2764479
188	Devrukhakar P.S., Shiva Shankar M., Shankar G., Srinivas R.	A stability-indicating LCâââ€š¬ââ‚¬Å“MS/MS method for zidovudine: Identification, characterization and toxicity prediction of two major acid degradation products	Journal of Pharmaceutical Analysis	7	4	231	236	4.44	https://doi.org/10.1016/j.jpha.2017.01.006
189	Mohan S., Thiagarajan K., Chandrasekaran R.	Evaluation of ethyl gallate for its antioxidant and anticancer properties against chemical-induced tongue carcinogenesis in mice	Biochemical Journal	474	17	3011	3025	4.33	https://doi.org/10.1042/BCJ20170316
190	Venkatesan K.	The study on force, surface integrity, tool life and chip on laser assisted machining of inconel 718 using Nd:YAG laser source	Journal of Advanced Research	8	4	407	423	4.327	https://doi.org/10.1016/j.jare.2017.05.004
191	Vinoth Jebaraj A., Ajaykumar L., Deepak C.R., Aditya K.V.V.	Weldability, machinability and surfacing of commercial duplex stainless steel AISI2205 for marine applications âââ€š¬ââ‚¬Å“ A recent review	Journal of Advanced Research	8	3	183	199	4.327	https://doi.org/10.1016/j.jare.2017.01.002
192	Singaravelan A., Kowsalya M.	A novel minimum cost maximum power algorithm for future smart home energy management	Journal of Advanced Research	8	6	731	741	4.327	https://doi.org/10.1016/j.jare.2017.10.001

193	Kannan C., Ramanujam R.	Comparative study on the mechanical and microstructural characterisation of AA 7075 nano and hybrid nanocomposites produced by stir and squeeze casting	Journal of Advanced Research	8	4	309	319	4.327	https://doi.org/10.1016/j.jare.2017.02.005
194	Lakshmi Prasanna V., Vijayaraghavan R.	Simultaneous Fenton-Photocatalytic Reactions through a New Single Catalyst (Nano ZnO2 /Fe2+) for Dye Degradation	Journal of Physical Chemistry C	121	34	18557	18563	4.31	https://doi.org/10.1021/acs.jpcc.7b04092
195	Amreetha seetharaman., Dhanuskodi sivasubramanian., Vinitha gandhiraj., Venugopal rao soma	Tunable Nanosecond and Femtosecond Nonlinear Optical Properties of CNS Doped TiO2 Nanoparticles	Journal of Physical Chemistry C	121	43	24192	24205	4.31	https://doi.org/10.1021/acs.jpcc.7b08778
196	Asokan P., Kalainathan S.	Bulk Crystal Growth, Optical, Electrical, Thermal, and Third Order NLO Properties of 2-[4-(Diethylamino)benzylidene]malononitrile (DEBM) Single Crystal	Journal of Physical Chemistry C	121	40	22384	22395	4.31	https://doi.org/10.1021/acs.jpcc.7b07805
197	Samuel O.W., Asogbon G.M., Sangaiah A.K., Fang P., Li G.	An integrated decision support system based on ANN and Fuzzy_AHP for heart failure risk prediction	Expert Systems with Applications	68	-	163	172	4.29	https://doi.org/10.1016/j.eswa.2016.10.020
198	Shivhare R., Cherukuri A.K., Li J.	Establishment of Cognitive Relations Based on Cognitive Informatics	Cognitive Computation	9	5	721	729	4.29	https://doi.org/10.1007/s12559-017-9498-9
199	Malarkodi C., Rajeshkumar S., Annadurai G.	Detection of environmentally hazardous pesticide in fruit and vegetable samples using gold nanoparticles	Food Control	80	-	11	18	4.25	https://doi.org/10.1016/j.foodcont.2017.04.023
200	Lekha S., M S.	Real-Time Non-Invasive Detection and Classification of Diabetes using Modified Convolution Neural Network	IEEE Journal of Biomedical and Health Informatics	-	-	-	-	4.22	https://doi.org/10.1109/JBHI.2017.2757510
201	Angamuthu M., Satishkumar G., Landau M.V.	Precisely controlled encapsulation of Fe3O4 nanoparticles in mesoporous carbon nanodisk using iron based MOF precursor for effective dye removal	Microporous and Mesoporous Materials	251	-	58	68	4.18	https://doi.org/10.1016/j.micromeso.2017.05.045
202	Soujanya K.N., Siva R., Mohana Kumara P., Srimany A., Ravikanth G., Mulani F.A., Aarthy T., Thulasiram H.V., Santhoshkumar T.R., Nataraja K.N., Uma Shaanker R.	Camptothecin-producing endophytic bacteria from Pyrenacantha volubilis Hook. (Icacinaceae): A possible role of a plasmid in the production of camptothecin	Phytomedicine	36	-	160	167	4.18	https://doi.org/10.1016/j.phymed.2017.09.019
203	Tamizhdurai P., Sakthinathan S., Chen S.-M., Shanthi K., Sivasanker S., Sangeetha P.	Environmentally friendly synthesis of CeO2 nanoparticles for the catalytic oxidation of benzyl alcohol to benzaldehyde and selective detection of nitrite	Scientific Reports	7	-	-	-	4.122	https://doi.org/10.1038/srep46372
204	Kumar V., Aneesh K.A., Kshemada K., Ajith K.G.S., Binil R.S.S., Deora N., Sanjay G., Jaleel A., Muraleedharan T.S., Anandan E.M., Mony R.S., Valiathan M.S., Santhosh K.T.R., Kartha C.C.	Amalaki rasayana, a traditional Indian drug enhances cardiac mitochondrial and contractile functions and improves cardiac function in rats with hypertrophy	Scientific Reports	7	1	-	-	4.122	https://doi.org/10.1038/s41598-017-09225-x

205	Santhosh c., Nivetha r., Kollu p., Srivastava v., Sillanpaa m., Grace an., Bhatnagar a	Removal of cationic and anionic heavy metals from water by 1D and 2D-carbon structures decorated with magnetic nanoparticles.	Scientific Reports	7	1	-	-	4.122	https://doi.org/10.1038/s41598-017-14461-2
206	Natarajan A., Devi K.S.S., Raja S., Senthil Kumar A.	An Elegant Analysis of White Spot Syndrome Virus Using a Graphene Oxide/Methylene Blue based Electrochemical Immunosensor Platform	Scientific Reports	7	-	-	-	4.122	https://doi.org/10.1038/srep46169
207	Roopan S.M., Bharathi A., Al-Dhabi N.A., Arasu M.V., Madhumitha G.	Synthesis and insecticidal activity of acridone derivatives to Aedes aegypti and Culex quinquefasciatus larvae and non-target aquatic species	Scientific Reports	7	-	-	-	4.122	https://doi.org/10.1038/srep39753
208	Zackriya M., Kittur H.M., Chin A.	A Novel Read Scheme for Large Size One-Resistor Resistive Random Access Memory Array	Scientific Reports	7	-	-	-	4.122	https://doi.org/10.1038/srep42375
209	Karthik R., Kumar J.V., Chen S.-M., Kumar P.S., Selvam V., Muthuraj V.	A selective electrochemical sensor for caffeic acid and photocatalyst for metronidazole drug pollutant - A dual role by rod-like SrV2O6	Scientific Reports	7	1	-	-	4.122	https://doi.org/10.1038/s41598-017-07423-1
210	Mani V., Govindasamy M., Chen S.-M., Chen T.-W., Kumar A.S., Huang S.-T.	Core-shell heterostructured multiwalled carbon nanotubes@reduced graphene oxide nanoribbons/chitosan, a robust nanobiocomposite for enzymatic biosensing of hydrogen peroxide and nitrite	Scientific Reports	7	1	-	-	4.122	https://doi.org/10.1038/s41598-017-12050-x
211	Adurthi, Sreenivas; Kumar, Mahesh M.; Vinodkumar, H. S.; Mukherjee, Geetashree; Krishnamurthy, H.; Acharya, K. Kshitish; Bafna, U. D.; Uma, Devi K.; Abhishekh, B.; Krishna, Sudhir; Parchure, A.; Alka, Murali; Jayshree, R. S.	Oestrogen Receptor-alpha binds the FOXP3 promoter and modulates regulatory T-cell function in human cervical cancer	Scientific Reports	7	-	-	-	4.122	-
212	Rini ann jerin amalorpavaraj., Palanisamy kaliannan., Sanjeevikumar padmanaban., Umashankar subramaniam., Vigna k ramachandaramurthy	Improved Fault Ride Through Capability in DFIG Based Wind Turbines Using Dynamic Voltage Restorer With Combined Feed-Forward and Feed-Back Control	IEEE Access	5	-	20494	20503	4.1	https://doi.org/10.1109/ACCESS.2017.2750738
213	Chin teng lin., Mukesh prasad., Chia hsin chung., Deepak puthal., Hesham el sayed., Sharmi sankar., Yu kai wang., Jagendra singh., Arun kumar sangaiah	IoT-based Wireless Polysomnography Intelligent System for Sleep Monitoring	IEEE Access	PP	99	1	1	4.1	https://doi.org/10.1109/ACCESS.2017.2765702
214	Rong H., Wang Z., Zheng H., Hu C., Peng L., Ai Z., Sangaiah A.K.	Mining efficient taxi operation strategies from large scale geo-location data	IEEE Access	-	-	-	-	4.1	https://doi.org/10.1109/ACCESS.2017.2732947
215	Sanjay R., Jayabarathi T., Raghunathan T., Ramesh V., Mithulananthan N.	Optimal allocation of distributed generation using hybrid grey Wolf optimizer	IEEE Access	5	-	14807	14818	4.1	https://doi.org/10.1109/ACCESS.2017.2726586

216	Sankardoss V., Geethanjali P.	PMDC Motor Parameter Estimation Using Bio-Inspired Optimization Algorithms	IEEE Access	5	-	11244	11254	4.1	https://doi.org/10.1109/ACCESS.2017.2679743
217	Xiao X., Fu P., Hu G., Sangaiah A.K., Zheng H., Jiang Y.	SAIDR: A New Dynamic Model for SMS-Based Worm Propagation in Mobile Networks	IEEE Access	5	-	9935	9943	4.1	https://doi.org/10.1109/ACCESS.2017.2700011
218	Chen J.-Y., Zheng H.-T., Xiao X., Sangaiah A.K., Jiang Y., Zhao C.-Z.	Tianji: Implementation of an Efficient Tracking Engine in the Mobile Internet Era	IEEE Access	5	-	16592	16600	4.1	https://doi.org/10.1109/ACCESS.2017.2736064
219	Ma J., Qiao Y., Hu G., Huang Y., Wang M., Sangaiah A.K., Zhang C., Wang Y.	Balancing User Profile and Social Network Structure for Anchor Link Inferring Across Multiple Online Social Networks	IEEE Access	5	-	12031	12040	4.1	https://doi.org/10.1109/ACCESS.2017.2717921
220	Chen W., Zhang M., Hu G., Tang X., Sangaiah A.K.	Constrained Random Routing Mechanism for Source Privacy Protection in WSNs	IEEE Access	-	-	-	-	4.1	https://doi.org/10.1109/ACCESS.2017.2752179
221	Ma J., Qiao Y., Hu G., Huang Y., Sangaiah A.K., Zhang C., Wang Y., Zhang R.	De-anonymizing Social Networks with Random Forest Classifier	IEEE Access	-	-	-	-	4.1	https://doi.org/10.1109/ACCESS.2017.2756904
222	Marimuthu R., Elsie Rezinold Y., Mallick P.S.	Design and analysis of multiplier using approximate 15-4 compressor	IEEE Access	5	-	1027	1036	4.1	https://doi.org/10.1109/ACCESS.2016.2636128
223	Kumar K., Babu R.N., Prabhu K.R.	Design and analysis of RBFN-based single MPPT controller for hybrid solar and wind energy system	IEEE Access	5	-	15308	15317	4.1	https://doi.org/10.1109/ACCESS.2017.2733555
224	Sridhar vavilapalli., Umashankar subramaniam., Sanjeevikumar padmanaban., Vigna k ramachandaramurthy	Design and Real-Time Simulation of an AC Voltage Regulator based Battery Charger for Large-Scale PV-Grid Energy Storage Systems	IEEE Access	-	99	1	14	4.1	https://doi.org/10.1109/ACCESS.2017.2768438
225	Rathore S., Sharma P.K., Sangaiah A.K., Park J.J.	A Hesitant Fuzzy Based Security Approach for Fog and Mobile-Edge Computing	IEEE Access	6	-	688	701	4.1	https://doi.org/10.1109/ACCESS.2017.2774837
226	Lu M., Liu S., Kumarsangaiah A., Zhou Y., Pan Z., Zuo Y.	Nucleosome Positioning with Fractal Entropy Increment of Diversity in Telemedicine	IEEE Access	Early Access	Early Access	1	-	4.1	https://doi.org/10.1109/ACCESS.2017.2779850
227	Alotaibi F., Abdullah M.T., Abdullah R.B.H., Rahmat R.W.B.O.K., Hashem I.A.T., Sangaiah A.K.	Optical Character Recognition for Quranic Image Similarity Matching	IEEE Access	6	-	554	562	4.1	https://doi.org/10.1109/ACCESS.2017.2771621
228	Udayan J.D., Kim H.	Procedural restoration of texture and restructuring geometry from facade image	IEEE Access	6	-	2645	2653	4.1	https://doi.org/10.1109/ACCESS.2017.2784798
229	Zhang C., Hu G., Chen G., Sangaiah A.K., Zhang P., Yan X., Jiang W.	Towards a SDN-based Integrated Architecture for Mitigating IP Spoofing Attack	IEEE Access	Early Access	Early Access	1	1	4.1	https://doi.org/10.1109/ACCESS.2017.2785236
230	Zheng H.-T., Wang W., Chen W., Sangaiah A.K.	Automatic Generation of News Comments Based on Gated Attention Neural Networks	IEEE Access	6	-	702	710	4.1	https://doi.org/10.1109/ACCESS.2017.2774839
231	Reddy K.J., Sudhaka N.	High voltage gain interleaved boost converter with neural network based mppt controller for fuel cell based electric vehicle applications	IEEE Access	6	-	3899	3908	4.1	https://doi.org/10.1109/ACCESS.2017.2785832

232	Dhanamjayulu C., Meikandasivam S.	Implementation and Comparison of Symmetric and Asymmetric Multilevel Inverters for Dynamic Loads	IEEE Access	6	-	738	746	4.1	https://doi.org/10.1109/ACCESS.2017.2775203
233	Mohanty S., Arivarasu M., Arivazhagan N., Phani Prabhakar K.V.	The residual stress distribution of CO2 laser beam welded AISI 316 austenitic stainless steel and the effect of vibratory stress relief	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	703	-	227	235	4.08	https://doi.org/10.1016/j.msea.2017.07.066
234	Umapathi A., Swaroop S.	Wavelength dependent deformation in a laser peened Ti-2.5Cu alloy	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	684	-	344	352	4.08	https://doi.org/10.1016/j.msea.2016.12.073
235	Arulmurugan B., Manikandan M.	Development of welding technology for improving the metallurgical and mechanical properties of 21st century nickel based superalloy 686	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	691	-	126	140	4.08	https://doi.org/10.1016/j.msea.2017.03.042
236	Sankari M., Hridya H., Sneha P., George Priya Doss C., Ramamoorthy S.	Effect of UV radiation and its implications on carotenoid pathway in Bixa orellana L.	Journal of Photochemistry and Photobiology B: Biology	176	-	136	144	4.07	https://doi.org/10.1016/j.jphotobiol.2017.10.002
237	Guda R., Kumar G., Korra R., Balaji S., Dayakar G., Palabindela R., Myadaraveni P., Yellu N.R., Kasula M.	EGFR, HER2 target based molecular docking analysis, in vitro screening of 2, 4, 5-trisubstituted imidazole derivatives as potential anti-oxidant and cytotoxic agents	Journal of Photochemistry and Photobiology B: Biology	176	-	69	80	4.07	https://doi.org/10.1016/j.jphotobiol.2017.09.010
238	Das A., Osborne J.W.	Enhanced bioremoval of lead by earthwormâââ€š¬ââ,¬Å“Lumbricus terrestris co-cultivated with bacteriaâââ€š¬ââ,¬Å“Klebsiella variicola	Journal of Photochemistry and Photobiology B: Biology	175	-	65	72	4.07	https://doi.org/10.1016/j.jphotobiol.2017.08.031
239	Sai Saraswathi V., Tatsugi J., Shin P.-K., Santhakumar K.	Facile biosynthesis, characterization, and solar assisted photocatalytic effect of ZnO nanoparticles mediated by leaves of L. speciosa	Journal of Photochemistry and Photobiology B: Biology	167	-	89	98	4.07	https://doi.org/10.1016/j.jphotobiol.2016.12.032
240	Arasu M.V., Thirumamagal R., Srinivasan M.P., Al-Dhabi N.A., Ayeshamariam A., Saravana Kumar D., Punithavelan N., Jayachandran M.	Green chemical approach towards the synthesis of CeO2 doped with seashell and its bacterial applications intermediated with fruit extracts	Journal of Photochemistry and Photobiology B: Biology	173	-	50	60	4.07	https://doi.org/10.1016/j.jphotobiol.2017.05.032
241	Jayaprakash N., Vijaya J.J., Kaviyarasu K., Kombaiah K., Kennedy L.J., Ramalingam R.J., Munusamy M.A., Al-Lohedan H.A.	Green synthesis of Ag nanoparticles using Tamarind fruit extract for the antibacterial studies	Journal of Photochemistry and Photobiology B: Biology	169	-	178	185	4.07	https://doi.org/10.1016/j.jphotobiol.2017.03.013

242	Balalakshmi C., Gopinath K., Govindarajan M., Lokesh R., Arumugam A., Alharbi N.S., Kadaikunnan S., Khaled J.M., Benelli G.	Green synthesis of gold nanoparticles using a cheap Sphaeranthus indicus extract: Impact on plant cells and the aquatic crustacean Artemia nauplii	Journal of Photochemistry and Photobiology B: Biology	173	-	598	605	4.07	https://doi.org/10.1016/j.jphotobiol.2017.06.040
243	Sai Saraswathi V., Saravanan D., Santhakumar K.	Isolation of quercetin from the methanolic extract of Lagerstroemia speciosa by HPLC technique, its cytotoxicity against MCF-7 cells and photocatalytic activity	Journal of Photochemistry and Photobiology B: Biology	171	-	20	26	4.07	https://doi.org/10.1016/j.jphotobiol.2017.04.031
244	Manohar a., Krishnamoorthi c	Magnetic and photocatalytic studies on Zn(1-x)Mg(x)Fe(2)O(4) nanocolloids synthesized by solvothermal reflux method.	Journal of Photochemistry and Photobiology B: Biology	177	-	95	104	4.07	https://doi.org/10.1016/j.jphotobiol.2017.10.009
245	Balaji S., Mandal B.K., Ranjan S., Dasgupta N., Chidambaram R.	Nano-zirconia âââ€š¬ââ‚¬Å“ Evaluation of its antioxidant and anticancer activity	Journal of Photochemistry and Photobiology B: Biology	170	-	125	133	4.07	https://doi.org/10.1016/j.jphotobiol.2017.04.004
246	Kesavan M.P., Kumar G.G.V., Anitha K., Ravi L., Raja J.D., Rajagopal G., Rajesh J.	Natural alkaloid Luotonin A and its affixed acceptor molecules: Serum albumin binding studies	Journal of Photochemistry and Photobiology B: Biology	173	-	499	507	4.07	https://doi.org/10.1016/j.jphotobiol.2017.06.030
247	Viswanath V., Santhakumar K.	Perspectives on dendritic architectures and their biological applications: From core to cell	Journal of Photochemistry and Photobiology B: Biology	173	-	61	83	4.07	https://doi.org/10.1016/j.jphotobiol.2017.05.023
248	Sai Saraswathi V., Santhakumar K.	Photocatalytic activity against azo dye and cytotoxicity on MCF-7 cell lines of zirconium oxide nanoparticle mediated using leaves of Lagerstroemia speciosa	Journal of Photochemistry and Photobiology B: Biology	169	-	47	55	4.07	https://doi.org/10.1016/j.jphotobiol.2017.02.023
249	Deepika S., Harishkumar R., Dinesh M., Abarna R., Anbalagan M., Roopan S.M., Selvaraj C.I.	Photocatalytic degradation of synthetic food dye, sunset yellow FCF (FD&C yellow no. 6) by Ailanthus excelsa Roxb. possessing antioxidant and cytotoxic activity	Journal of Photochemistry and Photobiology B: Biology	177	-	44	55	4.07	https://doi.org/10.1016/j.jphotobiol.2017.10.015
250	Manohar A., Krishnamoorthi C.	Photocatalytic study and superparamagnetic nature of Zn-doped MgFe2O4 colloidal size nanocrystals prepared by solvothermal reflux method	Journal of Photochemistry and Photobiology B: Biology	173	-	456	465	4.07	https://doi.org/10.1016/j.jphotobiol.2017.06.025
251	Dinesh M., Roopan S.M., Selvaraj C.I., Arunachalam P.	Phyllanthus emblica seed extract mediated synthesis of PdNPs against antibacterial, heamolytic and cytotoxic studies	Journal of Photochemistry and Photobiology B: Biology	167	-	64	71	4.07	https://doi.org/10.1016/j.jphotobiol.2016.12.012
252	Sai Saraswathi V., Kamarudheen N., BhaskaraRao K.V., Santhakumar K.	Phytoremediation of dyes using Lagerstroemia speciosa mediated silver nanoparticles and its biofilm activity against clinical strains Pseudomonas aeruginosa	Journal of Photochemistry and Photobiology B: Biology	168	-	107	116	4.07	https://doi.org/10.1016/j.jphotobiol.2017.02.004
253	Sai Saraswathi V., Rajaguru P., Santhakumar K.	Solar catalysed activity against methyl orange dye, cytotoxicity activity of MCF-7 cell lines and identification of marker compound by HPTLC of Lagerstroemia speciosa	Journal of Photochemistry and Photobiology B: Biology	170	-	263	270	4.07	https://doi.org/10.1016/j.jphotobiol.2017.04.015

254	Indrasena Reddy K., Aruna C., Manisha M., Srihari K., Sudhakar Babu K., Vijayakumar V., Sarveswari S., Priya R., Amrita A., Siva R.	Synthesis, DNA binding and in-vitro cytotoxicity studies on novel bis-pyrazoles	Journal of Photochemistry and Photobiology B: Biology	168	-	89	97	4.07	https://doi.org/10.1016/j.jphotobiol.2017.02.003
255	Maddinedi S.B., Mandal B.K., Maddili S.K.	Biofabrication of size controllable silver nanoparticles âââ€š¬ââ‚¬Å“ A green approach	Journal of Photochemistry and Photobiology B: Biology	167	-	236	241	4.07	https://doi.org/10.1016/j.jphotobiol.2017.01.003
256	Sai Saraswathi V., Kamarudheen N., Bhaskara Rao K.V., Santhakumar K.	Biofilm inhibition formation of clinical strains of Pseudomonas aeruginosa mutans, photocatalytic activity of azo dye and GCâââ€š¬ââ‚¬Å“MS analysis of leaves of Lagerstroemia speciosa	Journal of Photochemistry and Photobiology B: Biology	169	-	148	160	4.07	https://doi.org/10.1016/j.jphotobiol.2017.03.007
257	Judith vijaya j., Jayaprakash n., Kombaiah k., John kennedy l., Jothi ramalingam r., Al lohedan ha., V m ma., Maaza m., Judith vijaya j., Jayaprakash n., Kombaiah k., John kennedy l., Jothi ramalingam r., Al lohedan ha., V m ma., Maaza m.	Bioreduction potentials of dried root of Zingiber officinale for a simple green synthesis of silver nanoparticles: Antibacterial studies.	Journal of Photochemistry and Photobiology B: Biology	-	-	62	68	4.07	https://doi.org/doi: 10.1016/j.jphotobiol.2017.10.007.
258	Pani T., Das A., Osborne J.W.	Bioremoval of zinc and manganese by bacterial biofilm: A bioreactor-based approach	Journal of Photochemistry and Photobiology B: Biology	175	-	211	218	4.07	https://doi.org/10.1016/j.jphotobiol.2017.08.039
259	Gnanavel V., Palanichamy V., Roopan S.M.	Biosynthesis and characterization of copper oxide nanoparticles and its anticancer activity on human colon cancer cell lines (HCT-116)	Journal of Photochemistry and Photobiology B: Biology	171	-	133	138	4.07	https://doi.org/10.1016/j.jphotobiol.2017.05.001
260	Anand K., Singh T., Madhumitha G., Phulukdaree A., Gengan R.M., Chuturgoon A.A.	Biosynthesis and computational analysis of amine-ended dual thiol ligand functionalized gold nanoparticles for conventional spectroscopy detection of melamine	Journal of Photochemistry and Photobiology B: Biology	169	-	75	82	4.07	https://doi.org/10.1016/j.jphotobiol.2017.02.019
261	Tammina S.K., Mandal B.K., Ranjan S., Dasgupta N.	Cytotoxicity study of Piper nigrum seed mediated synthesized SnO2 nanoparticles towards colorectal (HCT116) and lung cancer (A549) cell lines	Journal of Photochemistry and Photobiology B: Biology	166	-	158	168	4.07	https://doi.org/10.1016/j.jphotobiol.2016.11.017
262	Maddinedi S.B., Mandal B.K., Patil S.H., Andhalkar V.V., Ranjan S., Dasgupta N.	Diastase induced green synthesis of bilayered reduced graphene oxide and its decoration with gold nanoparticles	Journal of Photochemistry and Photobiology B: Biology	166	-	252	258	4.07	https://doi.org/10.1016/j.jphotobiol.2016.12.008
263	Raj E.D., Babu L.D.D.	An enhanced trust prediction strategy for online social networks using probabilistic reputation features	Neurocomputing	219	-	412	421	4.07	https://doi.org/10.1016/j.neucom.2016.09.036
264	Rani N., Mandla V.R., Singh T.	Evaluation of atmospheric corrections on hyperspectral data with special reference to mineral mapping	Geoscience Frontiers	8	4	797	808	4.051	https://doi.org/10.1016/j.gsf.2016.06.004
265	Ali G.A.M., Divyashree A., Supriya S., Chong K.F., Ethiraj A.S., Reddy M.V., Algarni H., Hegde G.	Carbon nanospheres derived from: Lablab purpureus for high performance supercapacitor electrodes: A green approach	Dalton Transactions	46	40	14034	14044	4.05	https://doi.org/10.1039/c7dt02392h

266	Upadhyay Y., Anand T., Babu L.T., Paira P., Crisponi G., Sk A.K., Kumar R., Sahoo S.K.	Three-in-one type fluorescent sensor based on a pyrene pyridoxal cascade for the selective detection of Zn(II), hydrogen phosphate and cysteine	Dalton Transactions	47	3	742	749	4.05	https://doi.org/10.1039/c7dt04234e
267	Desai S., Kulkarni V., Gadgil H., John B.	Aerothermodynamic considerations for energy deposition based drag reduction technique	Applied Thermal Engineering	122	-	451	460	4.03	https://doi.org/10.1016/j.applthermaleng.2017.04.114
268	Job V.M., Gunakala S.R., Rushi Kumar B., Sivaraj R.	Time-dependent hydromagnetic free convection nanofluid flows within a wavy trapezoidal enclosure	Applied Thermal Engineering	115	-	363	377	4.03	https://doi.org/10.1016/j.applthermaleng.2016.12.084
269	Ravi K., Porpatham E.	Effect of piston geometry on performance and emission characteristics of an LPG fuelled lean burn SI engine at full throttle condition	Applied Thermal Engineering	110	-	1051	1060	4.03	https://doi.org/10.1016/j.applthermaleng.2016.09.039
270	Bera A., Sen D.	Promise of adeno-associated virus as a gene therapy vector for cardiovascular diseases	Heart Failure Reviews	22	6	795	823	4.02	https://doi.org/10.1007/s10741-017-9622-7
271	Umamahesh B., Ajantha J., Sravani C., Easwaramoorthi S., Sathiyanarayanan K.I.	Luminescent tetrahydrodibenzo[a,i]phenanthridin-5-yl)phenol-boron complexes (borophenanthridines)	Dyes and Pigments	137	-	182	190	4.02	https://doi.org/10.1016/j.dyepig.2016.10.021
272	Sathiyan G., Sakthivel P.	Synthesis and characterization of triazine linked carbazole derivatives green-light-emitting molecules	Dyes and Pigments	143	-	444	454	4.02	https://doi.org/10.1016/j.dyepig.2017.04.065
273	Upadhyay A., Karpagam S.	Synthesis and photo physical properties of carbazole based quinoxaline conjugated polymer for fluorescent detection of Ni2+	Dyes and Pigments	139	-	50	64	4.02	https://doi.org/10.1016/j.dyepig.2016.12.019
274	Manickam S., Kulathu Iyer S.	A new approach for fluorescent tetrahydrobenzo[f]pyrimido[4,5-b]quinolines and indeno fused pyrido[2,3-b]pyrimidines	Dyes and Pigments	147	-	300	312	4.02	https://doi.org/10.1016/j.dyepig.2017.07.041
275	Raina R., Sen D.	Can crosstalk between DOR and PARP reduce oxidative stress mediated neurodegeneration?	Neurochemistry International	-	-	-	-	3.99	https://doi.org/10.1016/j.neuint.2017.07.011
276	Mayuri P., Kumar A.S.	Unexpected Electrochemical Transformation of Aminobenzene Sulfonic Acid Isomers to Respective Surface-Confined-Redox Active Quinones Bypassing Polyaniline on a MWCNT Surface	ChemElectroChem	4	3	701	708	3.98	https://doi.org/10.1002/celc.201600622
277	Rajendran K., Sen S., Suja G., Senthil S.L., Kumar T.V.	Evaluation of cytotoxicity of hematite nanoparticles in bacteria and human cell lines	Colloids and Surfaces B: Biointerfaces	157	-	101	109	3.97	https://doi.org/10.1016/j.colsurfb.2017.05.052
278	Sultana F., Neog M.K., Rasool M.	Withaferin-A, a steroidal lactone encapsulated mannose decorated liposomes ameliorates rheumatoid arthritis by intriguing the macrophage repolarization in adjuvant-induced arthritic rats	Colloids and Surfaces B: Biointerfaces	155	-	349	365	3.97	https://doi.org/10.1016/j.colsurfb.2017.04.046
279	Narayan R., Agarwal T., Mishra D., Maji S., Mohanty S., Mukhopadhyay A., Maiti T.K.	Ectopic vascularized bone formation by human mesenchymal stem cell microtissues in a biocomposite scaffold	Colloids and Surfaces B: Biointerfaces	160	-	661	670	3.97	https://doi.org/10.1016/j.colsurfb.2017.10.004
280	Sruthilaxmi C.B., Babu S.	Microbial bio-inoculants in Indian agricultureEcological perspectives for a more optimized use	Agriculture, Ecosystems and Environment	242	-	23	25	3.95	https://doi.org/10.1016/j.agee.2017.03.019

281	Mullick M., Venkatesh K., Sen D.	D-Alanine 2, Leucine 5 Enkephaline (DADLE)-mediated DOR activation augments human hUCB-BFs viability subjected to oxidative stress via attenuation of the UPR	Stem Cell Research	22	-	20	28	3.93	https://doi.org/10.1016/j.scr.2017.05.009
282	Khaparde A., M.A. V., Tetala K.K.R.	Development of a metal/chelate polyhydroxyethylmethacrylate monolith capillary for selective depletion of immunoglobulin G from human plasma for proteomics	Journal of Chromatography A	-	-	-	-	3.86	https://doi.org/10.1016/j.chroma.2017.08.047
283	Kalaivani, D.; Sumathi, P.; Arunkumar, T.	Customer Behavior Predictive Modeling for Online Shopping using Tuned Decision Tree Method	HELIX	7	5	1994	1999	3.84	http://helix.dnares.in/2017/12/18/customer-behavior-predictive-modeling-for-online-shopping-using-tuned-decision-tree-method/
284	Suneel Kumar Y., Nawaz Khan F.-R.	Chemo-selective Suzukiâââ€š¬ââ,¬Å“Miyaura reactions: Synthesis of highly substituted [1,6]-naphthyridines	Chinese Chemical Letters	28	7	1607	1612	3.84	https://doi.org/10.1016/j.cclet.2017.02.007
285	Vijayakumar M., Navaneethakrishnan P., Kumaresan G., Kamatchi R.	A study on heat transfer characteristics of inclined copper sintered wick heat pipe using surfactant free CuO and Al2O3 nanofluids	Journal of the Taiwan Institute of Chemical Engineers	81	-	190	198	3.83	https://doi.org/10.1016/j.jart.2016.12.008
286	Reddy, Damodhar; Ramasamy, Sudha	Single Stage Energy Conversion through RBFN Controller based Boost Type Vienna Rectifier for Wind Turbine System	Gazi University Journal of Science	30	4	253	266	3.82	https://www.researchgate.net/publication/323416744_Single_Stage_Energy_Conversion_through_RBFN_Controller_based_Boost_Type_Vienna_Rectifier_for_Wind_Turbine_System
287	Ezhilmaran, D.; Dhandapani, A.	STUDY ON INTUITIONISTIC FUZZY BI-IDEALS IN GAMMA NEAR RINGS	JOURNAL OF SCIENCE AND ARTS	-	4	615	624	3.82	http://www.icstm.ro/DOCS/josa/josa_2017_4/a_01_Ezhilmaran.pdf
288	Mani, P.; Prasanna, M.	Validation of automated test cases with specification path	JOURNAL OF STATISTICS And MANAGEMENT SYSTEMS	20	4	535	542	3.82	-
289	Senthilkumar V., Chandrasekaran S.S., Maji V.B.	Geotechnical characterization and analysis of rainfallâââ€š¬ââ,¬Âinduced 2009 landslide at Marappalam area of Nilgiris district, Tamil Nadu state, India	Landslides	14	5	1803	1814	3.811	https://doi.org/10.1007/s10346-017-0839-2
290	Chattopadhyay D., Chitnis A., Talekar A., Mulay P., Makkar M., James J., Thirumurugan K.	Hormetic efficacy of rutin to promote longevity in Drosophila melanogaster	Biogerontology	18	3	397	411	3.81	https://doi.org/10.1007/s10522-017-9700-1
291	Iswarya v., Sharma v., Chandrasekaran n., Mukherjee a	Impact of tetracycline on the toxic effects of titanium dioxide (TiO(2)) nanoparticles towards the freshwater algal species, Scenedesmus obliquus.	Aquatic Toxicology	193	-	168	177	3.79	https://doi.org/10.1016/j.aquatox.2017.10.023

292	Bhuvaneshwari M., Kumar D., Roy R., Chakraborty S., Parashar A., Mukherjee A., Chandrasekaran N., Mukherjee A.	Toxicity, accumulation, and trophic transfer of chemically and biologically synthesized nano zero valent iron in a two species freshwater food chain	Aquatic Toxicology	183	-	63	75	3.79	https://doi.org/10.1016/j.aquatox.2016.12.013
293	Sneha P., Doss C.G.P.	Elucidating the Mutational Landscape in Hepatocyte Nuclear Factor 1Î² (HNF1B) by Computational Approach	Advances in Protein Chemistry and Structural Biology	107	-	283	306	3.78	https://doi.org/10.1016/bs.apcsb.2016.11.005
294	Thirumal Kumar D., Sneha P., Uppin J., Usha S., George Priya Doss C.	Investigating the Influence of Hotspot Mutations in Protein-Protein Interaction of IDH1 Homodimer Protein: A Computational Approach	Advances in Protein Chemistry and Structural Biology	-	-	-	-	3.78	https://doi.org/10.1016/bs.apcsb.2017.08.002
295	Sneha P., Thirumal Kumar D., Saini S., Kajal K., Magesh R., Siva R., George Priya Doss C.	Analyzing the Effect of V66M Mutation in BDNF in Causing Mood Disorders: A Computational Approach	Advances in Protein Chemistry and Structural Biology	108	-	85	103	3.78	https://doi.org/10.1016/bs.apcsb.2017.01.006
296	Sneha P., Thirumal Kumar D., Lijo J., Megha M., Siva R., George Priya Doss C.	Probing the Protein-Protein Interaction Network of Proteins Causing Maturity Onset Diabetes of the Young	Advances in Protein Chemistry and Structural Biology	110	-	167	202	3.78	https://doi.org/10.1016/bs.apcsb.2017.07.004
297	Tanwar H., Sneha P., Thirumal Kumar D., Siva R., Walter C.E.J., George Priya Doss C.	A Computational Approach to Identify the Biophysical and Structural Aspects of Methylenetetrahydrofolate Reductase (MTHFR) Mutations (A222V, E429A, and R594Q) Leading to Schizophrenia	Advances in Protein Chemistry and Structural Biology	108	-	105	125	3.78	https://doi.org/10.1016/bs.apcsb.2017.01.007
298	Tanwar H., George Priya Doss C.	Computational Resources for Predicting Protein-Protein Interactions	Advances in Protein Chemistry and Structural Biology	110	-	251	275	3.78	https://doi.org/10.1016/bs.apcsb.2017.07.006
299	Ragavan G., Muralidaran Y., Sridharan B., Nachiappa Ganesh R., Viswanathan P.	Evaluation of garlic oil in nano-emulsified form: Optimization and its efficacy in high-fat diet induced dyslipidemia in Wistar rats	Food and Chemical Toxicology	105	-	203	213	3.78	https://doi.org/10.1016/j.fct.2017.04.019
300	Connell B.J., Saleh M.C., Rajagopal D., Saleh T.M.	UPEI-400, a conjugate of lipoic acid and scopoletin, mediates neuroprotection in a rat model of ischemia/reperfusion	Food and Chemical Toxicology	100	-	175	182	3.78	https://doi.org/10.1016/j.fct.2016.12.026
301	Reshma L., Chaitanyakumar A., Aditya A.L.G.N., Ramaraj B., Santhakumar K.	Modeling of microfluidic bio-solar cell using microalgae through multiphysics platform: A greener approach en route for energy production	Algal Research	26	-	47	55	3.745	https://doi.org/10.1016/j.algal.2017.07.002
302	Chaudhari, Namrata; Talwar, Priti; D'hellencourt, Christian Lefebvre; Ravanan, Palaniyandi	CDDO and ATRA Instigate Differentiation of IMR32 Human Neuroblastoma Cells	Frontiers in Molecular Neuroscience	10	-	-	-	3.72	https://doi.org/10.3389/fnmol.2017.00310
303	Ganapathy Subramanian R., Elumalai V.K., Karuppusamy S., Canchi V.K.	Uniform ultimate bounded robust model reference adaptive PID control scheme for visual servoing	Journal of the Franklin Institute	354	4	1741	1758	3.65	https://doi.org/10.1016/j.jfranklin.2016.12.001
304	Mohanta S., Siddappa G., Valiyaveedan S.G., Ramanjanappa R.D.T., Das D., Pandian R., Khora S.S., Kuriakose M.A., Suresh A.	Cancer stem cell markers in patterning differentiation and in prognosis of oral squamous cell carcinoma	Tumor Biology	39	6	-	-	3.65	https://doi.org/10.1177/1010428317703656

305	Biswas B., Chakraborty A., Sarkar B., Naidu R.	Structural changes in smectite due to interaction with a biosurfactant-producing bacterium Pseudoxanthomonas kaohsiungensis	Applied Clay Science	136	-	51	57	3.641	https://doi.org/10.1016/j.clay.2016.11.008
306	Pothanagandhi N., Vijayakrishna K.	RAFT derived chiral and achiral poly(ionic liquids) resins: Synthesis and application in organocatalysis	European Polymer Journal	95	-	785	794	3.62	https://doi.org/10.1016/j.eurpolymj.2017.08.002
307	Chellappa M., Vijayalakshmi U.	Improved corrosion resistant and mechanical behavior of distinct composite coatings (silica/titania/zirconia) on Tiâââ€š¬ââ‚¬š¬ââ‚¬š¬Å“6Alâââ€š¬ââ‚¬š¬Å“4V deposited by EPD	Journal of Asian Ceramic Societies	5	3	326	333	3.61	https://doi.org/10.1016/j.jascer.2017.06.005
308	Neog M.K., Joshua Pragasam S., Krishnan M., Rasool M.	p-Coumaric acid, a dietary polyphenol ameliorates inflammation and curtails cartilage and bone erosion in the rheumatoid arthritis rat model	BioFactors	43	5	698	717	3.6	https://doi.org/10.1002/biof.1377
309	Balaji R., Sasikumar M.	A nanometallic nickel-coated, glass-fibre-based structural health monitoring system for polymer composites	Smart Materials and Structures	26	9	-	-	3.54	https://doi.org/10.1088/1361-665X/aa74f4
310	Dondapati R.S., Kumar A., Kumar G.R., Usurumarti P.R., Dondapati S.	Superconducting magnetic energy storage (SMES) devices integrated with resistive type superconducting fault current limiter (SFCL) for fast recovery time	Journal of Energy Storage	13	-	287	295	3.52	https://doi.org/10.1016/j.est.2017.07.005
311	Gopal V., Chandran M., Rao M.S.R., Mischler S., Cao S., Manivasagam G.	Tribocorrosion and electrochemical behaviour of nanocrystalline diamond coated Ti based alloys for orthopaedic application	Tribology International	106	-	88	100	3.52	https://doi.org/10.1016/j.triboint.2016.10.040
312	Sreekara Reddy M.B.S., Ratnam C.H., Agrawal R., Varela M.L.R., Sharma I., Manupati V.K.	Investigation of reconfiguration effect on makespan with social network method for flexible job shop scheduling problem	Computers and Industrial Engineering	110	-	231	241	3.52	https://doi.org/10.1016/j.cie.2017.06.014
313	Reshma L., Santhakumar K.	Non-fullerene organic solar cells with 7% efficiency and excellent air stability through morphological and interfacial engineering	Organic Electronics: physics, materials, applications	47	-	35	43	3.5	https://doi.org/10.1016/j.orgel.2017.05.002
314	Rao C.K., Rao L.B.	Torsional post-buckling of thin-walled open section clamped beam supported on Winkler-Pasternak foundation	Thin-Walled Structures	116	-	320	325	3.49	https://doi.org/10.1016/j.tws.2017.03.017
315	Ramkumar K.D., Abraham W.S., Viyash V., Arivazhagan N., Rabel A.M.	Investigations on the microstructure, tensile strength and high temperature corrosion behaviour of Inconel 625 and Inconel 718 dissimilar joints	Journal of Manufacturing Processes	25	-	306	322	3.46	https://doi.org/10.1016/j.jmapro.2016.12.018
316	K. D.R., Dagur A.H., Kartha A.A., Subodh M.A., Vishnu C., Arun D., Giridharan Vijay Kumar M., Abraham W.S., Chatterjee A., Abraham J., Abraham J.	Microstructure, mechanical properties and biocorrosion behavior of dissimilar welds of AISI 904L and UNS S32750	Journal of Manufacturing Processes	30	-	27	40	3.46	https://doi.org/10.1016/j.jmapro.2017.09.001
317	Srikanth A., Manikandan M.	Development of welding technique to avoid the sensitization in the alloy 600 by conventional Gas Tungsten Arc Welding method	Journal of Manufacturing Processes	30	-	452	466	3.46	https://doi.org/10.1016/j.jmapro.2017.10.014

318	Devendranath Ramkumar K., Singh S., George J.C., Anirudh S., Brahadees G., Goyal S., Gupta S.K., Vishnu C., Sharan N.R., Kalainathan S.	Effect of pulse density and the number of shots on hardness and tensile strength of laser shock peened, activated flux TIG welds of AISI 347	Journal of Manufacturing Processes	28	-	295	308	3.46	https://doi.org/10.1016/j.jmapro.2017.06.017
319	Cherukuri S.H.C., Saravanan B.	A novel energy management algorithm for reduction of main grid dependence in future smart grids using electric springs	Sustainable Energy Technologies and Assessments	21	-	1	12	3.46	https://doi.org/10.1016/j.seta.2017.03.001
320	Thirumal Kumar D., Lavanya P., George Priya Doss C., Tayubi I.A., Naveen Kumar D.R., Francis Yesurajan I., Siva R., Balaji V.	A Molecular Docking and Dynamics Approach to Screen Potent Inhibitors Against Fosfomycin Resistant Enzyme in Clinical Klebsiella pneumoniae	Journal of Cellular Biochemistry	118	11	4088	4094	3.45	https://doi.org/10.1002/jcb.26064
321	Priya R., Sneha P., Rivera Madrid R., Doss C.G.P., Singh P., Siva R.	Molecular Modeling and Dynamic Simulation of Arabidopsis Thaliana Carotenoid Cleavage Dioxygenase Gene: A Comparison with Bixa orellana and Crocus Sativus	Journal of Cellular Biochemistry	118	9	2712	2721	3.45	https://doi.org/10.1002/jcb.25919
322	Ragunathan a., Malathi k., Anbarasu a., Ragunathan a., Malathi k., Anbarasu a	MurB as a target in an alternative approach to tackle the Vibrio cholerae resistance using molecular docking and simulation study.	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.26333
323	Suganya S., Nandagopal B., Anbarasu A.	Natural Inhibitors of HMG-CoA Reductaseâââ€š¬ââ,¬ÂAn Insilico Approach Through Molecular Docking and Simulation Studies	Journal of Cellular Biochemistry	118	1	52	57	3.45	https://doi.org/10.1002/jcb.25608
324	Venkatesan A., Rambabu M., Jayanthi S., Febin Prabhu Dass J.	Pharmacophore feature prediction and molecular docking approach to identify novel anti-HCV protease inhibitors	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.26262
325	Kalaiselvan S., Sankar S., Ramamurthy M., Ghosh A.R., Nandagopal B., Sridharan G.	Prediction of B Cell Epitopes Among Hantavirus Strains Causing Hemorragic Fever With Renal Syndrome	Journal of Cellular Biochemistry	118	5	1182	1188	3.45	https://doi.org/10.1002/jcb.25765
326	Kalaiselvan S., Sankar S., Ramamurthy M., Ghosh A.R., Nandagopal B., Sridharan G.	Prediction of Pan-Specific B-Cell Epitopes From Nucleocapsid Protein of Hantaviruses Causing Hantavirus Cardiopulmonary Syndrome	Journal of Cellular Biochemistry	118	8	2320	2324	3.45	https://doi.org/10.1002/jcb.25887
327	Sneha P., Kumar Thirumal D., Tanwar H., Siva R., George Priya Doss C., Zayed H.	Structural Analysis of G1691S Variant in the Human Filamin B Gene Responsible for Larsen Syndrome: A Comparative Computational Approach	Journal of Cellular Biochemistry	118	7	1900	1910	3.45	https://doi.org/10.1002/jcb.25920
328	Tanwar H., George Priya Doss C.	An Integrated Computational Framework to Assess the Mutational Landscape of Î±-L-Iduronidase IDUA Gene	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.26214
329	Karuppasamy R., Verma K., Sequeira V.M., Basavanna L.N., Veerappapillai S.	An Integrative Drug Repurposing Pipeline: Switching Viral Drugs to Breast Cancer	Journal of Cellular Biochemistry	118	6	1412	1422	3.45	https://doi.org/10.1002/jcb.25799
330	Joseph Martin S., Evan Prince S.	Comparative Modulation of Levels of Oxidative Stress in the Liver of Anti-Tuberculosis Drug Treated Wistar Rats by Vitamin B12, Beta-Carotene, and Spirulina fusiformis: Role of NF-ÎºB, iNOS, IL-6, and IL-10	Journal of Cellular Biochemistry	118	11	3825	3833	3.45	https://doi.org/10.1002/jcb.26032

331	Agrahari A.K., George Priya Doss C.	A Computational Approach to Identify a Potential Alternative Drug With Its Positive Impact Toward PMP22	Journal of Cellular Biochemistry	118	11	3730	3743	3.45	https://doi.org/10.1002/jcb.26020
332	Palaniappan C., Ramalingam R.	Deciphering the Molecular Effects of Mutations on ATRX Cause ATRX Syndrome: A Molecular Dynamics Study	Journal of Cellular Biochemistry	118	10	3318	3327	3.45	https://doi.org/10.1002/jcb.25984
333	Preethi b., Shanthi v., Suthindhiran k., Ramanathan k	Drug repurposing: An approach to tackle drug resistance in S. typhimurium.	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/doi: 10.1002/jcb.26457
334	Amalraj T., Dravid AA., Tripathi R., Lulu SS	Database of Transcription Factors in Lung Cancer (DBTFLC): A novel resource for exploring transcription factors associated with lung cancer	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://www.ncbi.nlm.nih.gov/pubmed/?term=Database+of+Transcription+Factors+in+Lung+Cancer+(DBTFLC)%3A+A+novel+resource+for+exploring+transcription+factors+associated+with+lung+cancer.
335	Raghuraman P., Jesu Jaya Sudan R., Lesitha Jeeva Kumari J., Sudandiradoss C.	Systematic prioritization of functional hotspot in RIG-1 domains using pattern based conventional molecular dynamic simulation	Life Sciences	184	-	58	70	3.45	https://doi.org/10.1016/j.lfs.2017.07.011
336	Benny B., George Priya Doss C., Thirumal Kumar D., Asha Devi S.	Assessing reproductive toxicity and antioxidant enzymes on beta asarone induced male Wistar albino rats: In vivo and computational analysis	Life Sciences	173	-	150	160	3.45	https://doi.org/10.1016/j.lfs.2016.08.021
337	Ravanan P., Srikumar I.F., Talwar P.	Autophagy: The spotlight for cellular stress responses	Life Sciences	188	-	53	67	3.45	https://doi.org/10.1016/j.lfs.2017.08.029
338	Reddy L.V.K., Sen D.	DADLE enhances viability and anti-inflammatory effect of human MSCs subjected to 'serum free' apoptotic condition in part via the DOR/PI3K/AKT pathway	Life Sciences	191	-	195	204	3.45	https://doi.org/10.1016/j.lfs.2017.10.024
339	Venkatesan A., Febin Prabhu Dass J.	Deciphering molecular properties and docking studies of hepatitis C and non-hepatitis C antiviral inhibitors âââ€š¬ââ‚¬Å“ A computational approach	Life Sciences	174	-	8	14	3.45	https://doi.org/10.1016/j.lfs.2017.02.014
340	Sundararajan M., Sailaja V., John Kennedy L., Judith Vijaya J.	Photocatalytic degradation of rhodamine B under visible light using nanostructured zinc doped cobalt ferrite: Kinetics and mechanism	Ceramics International	43	1	540	548	3.45	https://doi.org/10.1016/j.ceramint.2016.09.191
341	Ishak N.F., Hashim N.A., Othman M.H.D., Monash P., Zuki F.M.	Recent progress in the hydrophilic modification of alumina membranes for protein separation and purification	Ceramics International	43	1	915	925	3.45	https://doi.org/10.1016/j.ceramint.2016.10.044
342	Syamsai R., Kollu P., Kwan Jeong S., Nirmala Grace A.	Synthesis and properties of 2D-titanium carbide MXene sheets towards electrochemical energy storage applications	Ceramics International	43	16	13119	13126	3.45	https://doi.org/10.1016/j.ceramint.2017.07.003
343	Kombaiah K., Vijaya J.J., Kennedy L.J., Bououdina M., Ramalingam R.J., Al-Lohedan H.A.	Comparative investigation on the structural, morphological, optical, and magnetic properties of CoFe2O4 nanoparticles	Ceramics International	43	10	7682	7689	3.45	https://doi.org/10.1016/j.ceramint.2017.03.069

344	Thongam D.D., Gupta J., Sahu N.K., Bahadur D.	Investigating the role of different reducing agents, molar ratios, and synthesis medium over the formation of ZnO nanostructures and their photo-catalytic activity	Journal of Materials Science	-	-	1	13	3.44	https://doi.org/10.1007/s10853-017-1587-3
345	Perumal R.N., Subalakshmi G., Vinitha G.	Synthesis, photoluminescence properties of Sr1.95Ba0.05CeO4:Eu3+ for LED applications	Journal of Materials Science	52	16	9308	9313	3.44	https://doi.org/10.1007/s10853-017-1126-2
346	Wala, Jyoti; Maji, Debashis; Das, Soumen	Influence of physico-mechanical properties of elastomeric material for different cell growth	BIOMEDICAL MATERIALS	12	6	-	-	3.44	https://doi.org/10.1088/1748-605X/aa7e81
347	Dhanapal D., Srinivasan A.K.	A first MMT reinforced nanocomposite functionalized with ether linkage derived from tetraglycidyl/diglycidyl epoxy building block	Progress in Organic Coatings	104	-	135	140	3.42	https://doi.org/10.1016/j.porgcoat.2016.12.014
348	Devi G.N., Saranya J., Manjubaashini N., Thangadurai T.D., Roopan S.M., Chitra S.	Polyamidoaminoepichlorohydrin resin a novel synthetic anti-corrosive water soluble polymer for mild steel	Progress in Organic Coatings	109	-	117	125	3.42	https://doi.org/10.1016/j.porgcoat.2017.04.034
349	Dhanumalayan E., Trimukhe A.M., Deshmukh R.R., Joshi G.M.	Disparity in hydrophobic to hydrophilic nature of polymer blend modified by K2Ti6O13 as a function of air plasma treatment	Progress in Organic Coatings	111	-	371	380	3.42	https://doi.org/10.1016/j.porgcoat.2017.06.001
350	Jeeva J.B., Singh M.	Simulation of laser backscattering system for imaging of inhomogeneity/tumor in biological tissues	Computer Methods and Programs in Biomedicine	141	-	11	17	3.42	https://doi.org/10.1016/j.cmpb.2017.01.010
351	Palaniappan R., Sundaraj K., Sundaraj S.	Adaptive neuro-fuzzy inference system for breath phase detection and breath cycle segmentation	Computer Methods and Programs in Biomedicine	145	-	67	72	3.42	https://doi.org/10.1016/j.cmpb.2017.04.013
352	Mukunthan K.S., Satyan R.S., Patel T.N.	Pharmacological evaluation of phytochemicals from South Indian Black Turmeric (Curcuma caesia Roxb.) to target cancer apoptosis	Journal of Ethnopharmacology	209	-	82	90	3.41	https://doi.org/10.1016/j.jep.2017.07.021
353	Mohamed Thoufic Ali A.M., Agrawal A., Sajitha Lulu S., Mohana Priya A., Vino S.	RAACFDb: Rheumatoid arthritis ayurvedic classical formulations database	Journal of Ethnopharmacology	197	-	87	91	3.41	https://doi.org/10.1016/j.jep.2016.06.047
354	Kulsum S., Sudheendra H.V., Pandian R., Ravindra D.R., Siddappa G., Nisheena R., Chevour P., Ramachandran B., Sagar M., Jayaprakash A., Mehta A., Kekatpure V., Hedne N., Kuriakose M.A., Suresh A.	Cancer stem cell mediated acquired chemoresistance in head and neck cancer can be abrogated by aldehyde dehydrogenase 1 A1 inhibition	Molecular Carcinogenesis	56	2	694	711	3.41	https://doi.org/10.1002/mc.22526
355	Siddappa G., Kulsum S., Ravindra D.R., Kumar V.V., Raju N., Raghavan N., Sudheendra H.V., Sharma A., Sunny S.P., Jacob T., Kuruvilla B.T., Benny M., Antony B., Seshadri M., Lakshminarayan P., Hicks W., Jr., Suresh A., Kuriakose M.A.	Curcumin and metformin-mediated chemoprevention of oral cancer is associated with inhibition of cancer stem cells	Molecular Carcinogenesis	56	11	2446	2460	3.41	https://doi.org/10.1002/mc.22692

356	Raju C.S.K., Hoque M.M., Anika N.N., Mamatha S.U., Sharma P.	Natural convective heat transfer analysis of MHD unsteady Carreau nanofluid over a cone packed with alloy nanoparticles	Powder Technology	317	-	408	416	3.41	https://doi.org/10.1016/j.powtec.2017.05.003
357	Rajeshkumar S., Bharath L.V.	Mechanism of plant-mediated synthesis of silver nanoparticles âââ€š¬ââ,¬Å“ A review on biomolecules involved, characterisation and antibacterial activity	Chemico-Biological Interactions	273	-	219	227	3.41	https://doi.org/10.1016/j.cbi.2017.06.019
358	Mathew D., Rani C., Rajesh Kumar M., Wang Y., Binns R., Busawon K.	Wind-Driven Optimization Technique for Estimation of Solar Photovoltaic Parameters	IEEE Journal of Photovoltaics	8	1	248	256	3.4	https://doi.org/10.1109/JPHOTOV.2017.2769000
359	Surana A.K., John Samuel K., Harshit S., Kumar U., Thundil Karuppa Raj R.	Numerical investigation of shell and tube heat exchanger using Al2O3 nanofluid	International Journal of Thermodynamics	20	1	59	68	3.361	https://doi.org/10.5541/ijot.5000208428
360	Chandra Babu Naidu K., RoopasKiran S., Madhuri W.	Investigations on transport, impedance and electromagnetic interference shielding properties of microwave processed NiMg ferrites	Materials Research Bulletin	89	-	125	138	3.36	https://doi.org/10.1016/j.materresbull.2017.01.015
361	Kanagaraj M., Kumar P.S., Kokila I.P., Therese H.A., Beena M.V.	Study of structural effects on the dielectric and magnetic properties of alkaline earth metals doped SmTiO3	Materials Research Bulletin	86	-	153	158	3.36	https://doi.org/10.1016/j.materresbull.2016.10.016
362	Gopal B., Muralidharan A., Bakthavatsalam R., Nellaiappan S., Senthil Kumar A.	Unusual observation of optical property of V5+substituted BPO4and its tunable redox features	Materials Research Bulletin	91	-	122	126	3.36	https://doi.org/10.1016/j.materresbull.2017.03.020
363	Kirankumar V.S., Sumathi S.	Catalytic activity of bismuth doped zinc aluminate nanoparticles towards environmental remediation	Materials Research Bulletin	93	-	74	82	3.36	https://doi.org/10.1016/j.materresbull.2017.04.022
364	Gobinath V.M., Annamalai K.	Experimental investigation on chilled cast iron tappet manufacturing processes parameters	Materials and Manufacturing Processes	-	-	1	5	3.35	https://doi.org/10.1080/10426914.2017.1303150
365	Chinnadurai T., Arungalai Vendan S., Rusu C.C., Scutelnicu E.	Experimental investigations on the polypropylene behavior during ultrasonic welding	Materials and Manufacturing Processes	-	-	1	9	3.35	https://doi.org/10.1080/10426914.2017.1303155
366	Karthik D., Swaroop S.	Laser peening without coatingâââ€š¬ââ,¬Âan advanced surface treatment: A review	Materials and Manufacturing Processes	32	14	1565	1572	3.35	https://doi.org/10.1080/10426914.2016.1221095
367	Senthilnathan N., Raja Annamalai A., Venkatachalam G.	Activated sintering of tungsten alloys through conventional and spark plasma sintering process	Materials and Manufacturing Processes	32	16	1861	1868	3.35	https://doi.org/10.1080/10426914.2017.1328109
368	Abish J., Samal P., Narenther M.S., Kannan C., Balan A.S.S.	Assessment of drilling-induced damage in CFRP under chilled air environment	Materials and Manufacturing Processes	-	-	1	8	3.35	https://doi.org/10.1080/10426914.2017.1415452
369	Saranya S., Sankar A.R.	Fabrication of precise microchannels using a side-insulated tool in a spark assisted chemical engraving process	Materials and Manufacturing Processes	-	-	1	7	3.35	https://doi.org/10.1080/10426914.2017.1401728
370	Panchagnula K.K., Palaniyandi K.	Drilling on fiber reinforced polymer/nanopolymer composite laminates: A review	Journal of Materials Research and Technology	C	2	180	189	3.33	https://doi.org/10.1016/j.jmrt.2017.06.003
371	Senthil K., Kalainathan S., Kondo Y., Hamada F., Yamada M.	Investigation on the crystal growth, molecular structure and nonlinear optical susceptibilities of 2-[2-(4-Ethoxy-phenyl)-vinyl]-1-ethyl-stilbazolium iodide (EESI) by Z-scan technique using He-Ne laser for third-order nonlinear optical applications	Optics and Laser Technology	90	-	242	251	3.32	https://doi.org/10.1016/j.optlastec.2016.10.019

372	Ramteke S.P., Anis M., Pandian M.S., Kalainathan S., Baig M.I., Ramasamy P., Muley G.G.	Nonlinear optical and microscopic analysis of Cu2+ doped zinc thiourea chloride (ZTC) monocrystal	Optics and Laser Technology	99	-	197	202	3.32	https://doi.org/10.1016/j.optlastec.2017.09.003
373	Mahadevan M., Sankar P.K., Vinitha G., Arivanandhan M., Ramachandran K., Anandan P.	Non linear optical studies on semiorganic single crystal: L-arginine 4-nitrophenalate 4-nitrophenol dihydrate (LAPP)	Optics and Laser Technology	92	-	168	172	3.32	https://doi.org/10.1016/j.optlastec.2017.01.025
374	Sabari Girisun T.C., Saravanan M., Vinitha G.	Role of reaction time in tuning the morphology and third order nonlinear optical properties of barium borate	Optics and Laser Technology	89	-	54	58	3.32	https://doi.org/10.1016/j.optlastec.2016.09.037
375	Arunkumar K., Kalainathan S.	Synthesis, growth and characterization of organic nonlinear optical single crystal 1,3-bis(4-methoxyphenyl)prop-2-en-1-one (BMP) by vertical Bridgman technique	Optics and Laser Technology	89	-	143	150	3.32	https://doi.org/10.1016/j.optlastec.2016.10.003
376	Anbarasi K., Hemanth C., Sangeetha R.G.	A review on channel models in free space optical communication systems	Optics and Laser Technology	97	-	161	171	3.32	https://doi.org/10.1016/j.optlastec.2017.06.018
377	Arivuselvi R., Ruban Kumar A.	Crystallization of inorganic nonlinear optical zinc di-magnesium chloro sulphate (ZDMCS) single crystal	Optics and Laser Technology	88	-	147	151	3.32	https://doi.org/10.1016/j.optlastec.2016.09.008
378	Azhar S.M., Anis M., Hussaini S.S., Kalainathan S., Shirsat M.D., Rabbani G.	Doping effect of L-cystine on structural, UVâââ€š¬ââ‚¬Å“visible, SHG efficiency, third order nonlinear optical, laser damage threshold and surface properties of cadmium thiourea acetate single crystal	Optics and Laser Technology	87	-	11	16	3.32	https://doi.org/10.1016/j.optlastec.2016.07.007
379	Jayanthi S., Ishwarya R., Anjugam M., Iswarya A., Karthikeyan S., Vaseeharan B.	Purification, characterization and functional analysis of the immune molecule lectin from the haemolymph of blue swimmer crab Portunus pelagicus and their antibiofilm properties	Fish and Shellfish Immunology	62	-	227	237	3.3	https://doi.org/10.1016/j.fsi.2017.01.019
380	Prabhu S., Vinodhini S., Elanchezhiyan C., Rajeswari D.	Evaluation of antidiabetic activity of biologically synthesized silver nanoparticles using Pouteria sapota in streptozotocin-induced diabetic rats	Journal of Diabetes	10	1	28	42	3.3	https://doi.org/10.1111/1753-0407.12554
381	Joshi J.H., Kalainathan S., Kanchan D.K., Joshi M.J., Parikh K.D.	Effect of l-threonine on growth and properties of ammonium dihydrogen phosphate crystal	Arabian Journal of Chemistry	-	-	-	-	3.3	https://doi.org/10.1016/j.arabjc.2017.12.005
382	Bothra s., Babu lt., Paira p., Ashok kumar sk., Kumar r., Sahoo sk	A biomimetic approach to conjugate vitamin B(6) cofactor with the lysozyme cocooned fluorescent AuNCs and its application in turn-on sensing of zinc(II) in environmental and biological samples.	Analytical and Bioanalytical Chemistry	410	1	201	210	3.29	https://doi.org/10.1007/s00216-017-0710-2
383	Nithya A., Babu S.	Prevalence of plant beneficial and human pathogenic bacteria isolated from salad vegetables in India	BMC Microbiology	17	1	-	-	3.29	https://doi.org/10.1186/s12866-017-0974-x
384	Sarma S.M., Khare P., Jagtap S., Singh D.P., Baboota R.K., Podili K., Boparai R.K., Kaur J., Bhutani K.K., Bishnoi M., Kondepudi K.K.	Kodo millet whole grain and bran supplementation prevents high-fat diet induced derangements in a lipid profile, inflammatory status and gut bacteria in mice	Food and Function	8	3	1174	1183	3.289	https://doi.org/10.1039/c6fo01467d

385	Srinivasan r., Chaitanyakumar a., Mageswari a., Gomathi a., Pavan kumar jgs., Jayasindu m., Bharath g., Shravan js., Gothandam km., Srinivasan r., Chaitanyakumar a., Mageswari a., Gomathi a., Pavan kumar jgs., Jayasindu m., Bharath g., Shravan js., Gothan	Oral administration of lyophilized Dunaliella salina, a carotenoid-rich marine alga, reduces tumor progression in mammary cancer induced rats.	Food and Function	8	12	4517	4527	3.289	https://www.ncbi.nlm.nih.gov/pubmed/?term=Oral administration of lyophilized Dunaliella salina, a carotenoid-rich marine alga, reduces tumor progression in mammary cancer induced rats.
386	Isaac E.R.H.P., Elias S., Rajagopalan S., Easwarakumar K.S.	View-Invariant Gait Recognition Through Genetic Template Segmentation	IEEE Signal Processing Letters	24	8	1188	1192	3.27	https://doi.org/10.1109/LSP.2017.2715179
387	Magesh Selva Kumar A.M., Vijaya Pandiyan B., Mohana Roopan S., Rajendran S.P.	Efficient synthesis, fluorescence and DFT studies of different substituted 2-chloroquinoline-4-amines and benzo[g][1,8]naphthyridine derivatives	Journal of Photochemistry and Photobiology A: Chemistry	332	-	72	86	3.26	https://doi.org/10.1016/j.jphotochem.2016.08.014
388	Thejaswini T.V.L., Prabhakaran D., Maheswari M.A.	Synthesis of mesoporous worm-like ZrO2âââ€š¬ââ,¬Å“TiO2 monoliths and their photocatalytic applications towards organic dye degradation	Journal of Photochemistry and Photobiology A: Chemistry	344	-	212	222	3.26	https://doi.org/10.1016/j.jphotochem.2017.05.015
389	Thejaswini T.V.L., Prabhakaran D., Maheswari M.A.	Ultrasound assisted synthesis of nano-rod embedded petal designed Î±-Bi2O3-ZnO nanoparticles and their ultra-responsive visible light induced photocatalytic properties	Journal of Photochemistry and Photobiology A: Chemistry	335	-	217	229	3.26	https://doi.org/10.1016/j.jphotochem.2016.12.001
390	Tummalapalli K., Vasavi C.S., Munusami P., Pathak M., Balamurali M.M.	Synthesis, characterization and biological applications of new copper(II) complexes of aryl hydrazones	Applied Organometallic Chemistry	31	8	-	-	3.26	https://doi.org/10.1002/aoc.3680
391	Inamdar P., Angappan S.	DNA binding behaviour of mixed ligand vanadium(V) complex based on novel tridentate hydrazone and benzhydroxamic acid ligand systems	Applied Organometallic Chemistry	31	3	-	-	3.26	https://doi.org/10.1002/aoc.3573
392	Chinthala C.P., Angappan S.	Effect of solvent coordination on the structure of Î²-diketone-based vanadyl complexes and assessment of in vitro antidiabetic activity and cytotoxicity	Applied Organometallic Chemistry	31	9	1	12	3.26	https://doi.org/10.1002/aoc.3700
393	Siripireddy B., Mandal B.K.	Facile green synthesis of zinc oxide nanoparticles by Eucalyptus globulus and their photocatalytic and antioxidant activity	Advanced Powder Technology	28	3	785	797	3.25	https://doi.org/10.1016/j.apt.2016.11.026
394	Raju C.S.K., Hoque M.M., Sivasankar T.	Radiative flow of Casson fluid over a moving wedge filled with gyrotactic microorganisms	Advanced Powder Technology	28	2	575	583	3.25	https://doi.org/10.1016/j.apt.2016.10.026
395	Ayyappadas C., Muthuchamy A., Raja Annamalai A., Agrawal D.K.	An investigation on the effect of sintering mode on various properties of copper-graphene metal matrix composite	Advanced Powder Technology	28	7	1760	1768	3.25	https://doi.org/10.1016/j.apt.2017.04.013
396	Sandeep N.	Effect of aligned magnetic field on liquid thin film flow of magnetic-nanofluids embedded with graphene nanoparticles	Advanced Powder Technology	28	3	865	875	3.25	https://doi.org/10.1016/j.apt.2016.12.012

397	Nellaiappan S., Kumar A.S.	Electrocatalytic oxidation and flow injection analysis of isoniazid drug using a gold nanoparticles decorated carbon nanofibers-chitosan modified carbon screen printed electrode in neutral pH	Journal of Electroanalytical Chemistry	801	-	171	178	3.22	https://doi.org/10.1016/j.jelechem.2017.07.049
398	Adinaveen T., Judith Vijaya J., Amal Raj M., Iyyappa Rajan P., John Kennedy L., Clament Sagaya Selvam N.	Hierarchically arranged strontium oxide nanospheres - Impregnated carbon cloth for high performance supercapacitor electrodes	Journal of Electroanalytical Chemistry	799	-	222	227	3.22	https://doi.org/10.1016/j.jelechem.2017.06.010
399	Dinesh B., Veeramani V., Chen S.-M., Saraswathi R.	In situ electrochemical synthesis of reduced graphene oxide-cobalt oxide nanocomposite modified electrode for selective sensing of depression biomarker in the presence of ascorbic acid and dopamine	Journal of Electroanalytical Chemistry	786	-	169	176	3.22	https://doi.org/10.1016/j.jelechem.2017.01.022
400	Amreen K., Senthil Kumar A.	An electrochemical in-vitro tool for study of in-vivo relevant biochemical oxidation/reduction of sulfide ion by human whole blood: Evidence for the biological detoxification of hydrogen sulfide	Journal of Electroanalytical Chemistry	790	-	20	26	3.22	https://doi.org/10.1016/j.jelechem.2017.02.044
401	Dinesh B., Shalini Devi K.S., Kumar A.S.	Curcumin-quinone immobilised carbon black modified electrode prepared by in-situ electrochemical oxidation of curcumin-phytonutrient for mediated oxidation and flow injection analysis of sulfide	Journal of Electroanalytical Chemistry	804	-	116	127	3.22	https://doi.org/10.1016/j.jelechem.2017.09.054
402	Vishnu N., Kumar A.S.	Development of Prussian Blue and Fe(bpy)3 2Â + hybrid modified pencil graphite electrodes utilizing its intrinsic iron for electroanalytical applications	Journal of Electroanalytical Chemistry	786	-	145	153	3.22	https://doi.org/10.1016/j.jelechem.2017.01.028
403	Umapathi A., Swaroop S.	Phase gradient in a laser peened TC6 titanium alloy analyzed using synchrotron radiation	Materials Characterization	131	-	431	439	3.22	https://doi.org/10.1016/j.matchar.2017.07.036
404	Karthik D., Arul Xavier Stango S., Vijayalakshmi U., Swaroop S.	Electrochemical behavior of laser shock peened Inconel 625 superalloy	Surface and Coatings Technology	311	-	46	54	3.19	https://doi.org/10.1016/j.surfcoat.2016.12.105
405	Subramani, V.; Radhakrishnan, M.; Nambiraj, A.; Manavalan, M.; Chitra, S.; Venkataraman, M.	Comparison of Radiobiological Models in Predicting TCP and NTCP for IMRT and VMAT Treatments	Medical Physics	44	6	2884	2885	3.18	https://www.aapm.org/meetings/2017am/PRAbs.asp?mid=127&aid=36165
406	Subramani, V.; Radhakrishnan, M.; Nambiraj, A.; Manavalan, M.; Chitra, S.; Venkataraman, M.	EPIQA as Patient Specific Quality Assurance Tool for VMAT	Medical Physics	44	6	2888	2888	3.18	https://www.aapm.org/meetings/2017AM/PRAbs.asp?mid=127&aid=36226
407	Balakrishnan, Arun; Prasath, S.; Shrimali, R.; Mallick, I.; Chatterjee, S.; Babu, Ramesh	Evaluation of the Variation in Internal Target Volume of a Moving Lung Tumour Using Four Dimensional Computed Tomography	Medical Physics	44	6	-	-	3.18	https://www.aapm.org/meetings/2017AM/PRAbs.asp?mid=127&aid=37394
408	Karrthick, K. P.; Thiyagarajan, Rajesh; Selvan, Tamil; Nambiraj, Arunai; Goyal, Shikha; Manigandan, D.; Veni, Maragatha; Kataria, T.	Inherent Uncertainty in Megavoltage Cone Beam Computed Tomographic Image Guidance System	Medical Physics	44	6	-	-	3.18	https://www.aapm.org/meetings/2017AM/PRAbs.asp?mid=127&aid=37336

409	Thiyagarajan, Rajesh; Karrthick, K. P.; Nambiraj, Arunai; Selvan, Tamil; Abhishek, Ashu; Rajendran, Sasi; Raju, Merin; Kataria, T.	Intrinsic Uncertainty in the Positional Accuracy Determined by Stereotactic Image Guidance System in Cranial Robotic Radiosurgery	Medical Physics	44	6	3208	3208	3.18	https://www.aapm.org/meetings/2017AM/PRAbs.asp?mid=127&aid=35813
410	Ganapathi M., Polit O.	Dynamic characteristics of curved nanobeams using nonlocal higher-order curved beam theory	Physica E: Low-Dimensional Systems and Nanostructures	91	-	190	202	3.18	https://doi.org/10.1016/j.physe.2017.04.012
411	Renu k., V g a., P b tp., Arunachalam s., Renu k., V g a., P b tp., Arunachalam s	Molecular mechanism of doxorubicin-induced cardiomyopathy - An update.	European Journal of Pharmacology	818	-	241	253	3.17	https://doi.org/10.1016/j.ejphar.2017.10.043
412	Anupama R., Mukherjee A., Babu S.	Gene-centric metegenome analysis reveals diversity of Pseudomonas aeruginosa biofilm gene orthologs in fresh water ecosystem	Genomics	-	-	-	-	3.16	https://doi.org/10.1016/j.ygeno.2017.08.010
413	Kumawat N.K., Gupta D., Kabra D.	Recent Advances in Metal Halide-Based Perovskite Light-Emitting Diodes	Energy Technology	5	10	1734	1749	3.16	https://doi.org/10.1002/ente.201700356
414	Priyadharshini S.R.E., Ramalingam C., Ramesh B.	Superintendence of antimicrobial resistance observed in bacterial flora isolated from human faecal carriage in Vellore, India	Saudi Journal of Biological Sciences	24	7	1679	1688	3.138	https://doi.org/10.1016/j.sjbs.2015.11.008
415	V vignesh., R navamathavan	Spherical-Like Ball-by-Ball Architecture of Ni-Co-Zn-S Electrodes for Electrochemical Energy Storage Application in Supercapacitors	Journal of The Electrochemical Society	164	13	434	439	3.12	https://doi.org/10.1149/2.1121713jes
416	Rajkumar T., Taju G., Abdul Majeed S., Sinwan Sajid M., Santhosh Kumar S., Sivakumar S., Thamizhvanan S., Vimal S., Sahul Hameed A.S.	Ontogenetic changes in the expression of immune related genes in response to immunostimulants and resistance against white spot syndrome virus in Litopenaeus vannamei	Developmental and Comparative Immunology	76	-	132	142	3.12	https://doi.org/10.1016/j.dci.2017.06.001
417	Velu V., Das M., Raj N A.N., Dua K., Malipeddi H.	Evaluation of in vitro and in vivo anti-urolithiatic activity of silver nanoparticles containing aqueous leaf extract of Tragia involucrata	Drug Delivery and Translational Research	7	3	439	449	3.11	https://doi.org/10.1007/s13346-017-0363-x
418	Nithya, Pattusamy; Madhavi, Changa	Antioxidant activity of 3-arylidene-4-piperidones in the 1,1-diphenyl-2-picrylhydrazyl scavenging assay	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE	11	1	40	45	3.09	https://doi.org/10.1016/j.jtusci.2014.11.007
419	Babu, N.; Neeraja, G.; Raju, C. S. K.	Cattaneo-Christov Heat Flux on Blasius and Sakiadis Flow in a Suspension of Carbon Nanotubes with Thermal Radiation	JOURNAL OF NANOFLUIDS	6	6	1166	1172	3.09	https://doi.org/10.1166/jon.2017.1410
420	Ho güney., G murugusundaramoorthy., K vijaya	COEFFICIENT BOUNDS FOR SUBCLASSES OF BI-UNIVALENT FUNCTIONS ASSOCIATED WITH THE CHEBYSHEV POLYNOMIALS	Journal of Complex Analysis	-	-	1	11	3.09	https://doi.org/10.1016/j.asej.2015.11.021
421	Kaul, Deeksha; Raju, Harika; Tripathy, B. K.	Comparative Analysis of Pure and Hybrid Machine Learning Algorithms for Risk Prediction of Diabetes Mellitus	HELIX	7	5	2029	2033	3.09	http://helix.dnares.in/wp-content/uploads/2017/12/46_Helix_2029-2033.pdf
422	Basha S.M., Zhenning Y., Rajput D.S., Caytiles R.D., Iyengar N.C.S.N.	Comparative study on performance analysis of time series predictive models	International Journal of Grid and Distributed Computing	10	8	37	48	3.09	https://doi.org/10.14257/ijgdc.2017.10.8.04

423	S narasimman., L balakrishnan., Z c alex	Fiber optic ammonia sensor based on amine functionalized ZnO nanoflakes	IEEE Sensors Journal	PP	99	1	1	3.08	https://doi.org/10.1109/JSEN.2017.2769718
424	Nayana B.R., Geethanjali P.	Analysis of Statistical Time-Domain Features Effectiveness in Identification of Bearing Faults from Vibration Signal	IEEE Sensors Journal	17	17	5618	5625	3.08	https://doi.org/10.1109/JSEN.2017.2727638
425	Smruthy A., Suchetha M.	Real-Time Classification of Healthy and Apnea Subjects Using ECG Signals with Variational Mode Decomposition	IEEE Sensors Journal	17	10	3092	3099	3.08	https://doi.org/10.1109/JSEN.2017.2690805
426	Muthuramalingam T., Rabik M.M., Saravanakumar D., Jaswanth K.	Sensor integration based approach for automatic fork lift trucks	IEEE Sensors Journal	18	2	736	740	3.08	https://doi.org/10.1109/JSEN.2017.2777880
427	Kumar, Vaegae Naveen; Komanapalli, Venkata Lakshmi Narayana; Bhujangarao, Annepu; Sankar, Samickannu	"Development of an ANN-Based Linearization Technique for the VCO Thermistor Circuit" Reply	IEEE Sensors Journal	17	4	1190	1190	3.08	-
428	Kumar, Vaegae Naveen; Komanapalli, Venkata Lakshmi Narayana; Bhujangarao, Annepu; Sankar, Samickannu	Comments on "Development of an ANN-Based Linearization Technique for the VCO Thermistor Circuit" Reply	IEEE SENSORS JOURNAL	17	4	1190	1190	3.08	https://doi.org/10.1109/JSEN.2016.2636868
429	Sasmal S., Nath D.	Seismic performance of non-invasive single brace made of steel and shape memory alloy for retrofit of gravity load designed sub-assemblages	Engineering Structures	143	-	316	329	3.08	https://doi.org/10.1016/j.engstruct.2017.04.024
430	Subbareddy C.V., Sumathi S.	One-pot three-component protocol for the synthesis of indolyl-4H-chromene-3-carboxamides as antioxidant and antibacterial agents	New Journal of Chemistry	41	17	9388	9396	3.07	https://doi.org/10.1039/c7nj00980a
431	Kolli M.K., Shaik N.M., Chandrasekar G., Chidara S., Korupolu R.B.	Pd-PEPPSI-IPentCl: A new highly efficient ligand-free and recyclable catalyst system for the synthesis of 2-substituted indoles: Via domino copper-free Sonogashira coupling/cyclization	New Journal of Chemistry	41	16	8187	8195	3.07	https://doi.org/10.1039/c7nj01544e
432	Sivachidambaram M., Vijaya J.J., Kennedy L.J., Jothiramalingam R., Al-Lohedan H.A., Munusamy M.A., Elanthamilan E., Merlin J.P.	Preparation and characterization of activated carbon derived from the: Borassus flabellifer flower as an electrode material for supercapacitor applications	New Journal of Chemistry	41	10	3939	3949	3.07	https://doi.org/10.1039/c6nj03867k
433	Parashar A., Sachin Kedare P., Alex S.A., Chandrasekaran N., Mukherjee A.	A novel enzyme-mediated gold nanoparticle synthesis and its application for: In situ detection of horseradish peroxidase inhibitor phenylhydrazine	New Journal of Chemistry	41	24	15079	15086	3.07	https://doi.org/10.1039/c7nj03783j
434	Dinesh P., Suresh Yadav C., Kannadasan S., Rasool M.	Cytotoxicity and immunomodulatory effects of sol-gel combustion based titanium dioxide (TiO2) particles of large surface area on RAW 264.7 macrophages	Toxicology in Vitro	43	-	92	103	3.07	https://doi.org/10.1016/j.tiv.2017.06.006
435	Maddinedi S.B., Mandal B.K., Anna K.K.	Environment friendly approach for size controllable synthesis of biocompatible Silver nanoparticles using diastase	Environmental Toxicology and Pharmacology	49	-	131	136	3.06	https://doi.org/10.1016/j.etap.2016.11.019
436	Sengani M., Devirajeswari V.	Identification of potential antioxidant indices by biogenic gold nanoparticles in hyperglycemic Wistar rats	Environmental Toxicology and Pharmacology	50	-	11	19	3.06	https://doi.org/10.1016/j.etap.2017.01.007

437	Madhav M.R., David S.E.M., Kumar R.S.S., Swathy J.S., Bhuvaneshwari M., Mukherjee A., Chandrasekaran N.	Toxicity and accumulation of Copper oxide (CuO) nanoparticles in different life stages of Artemia salina	Environmental Toxicology and Pharmacology	52	-	227	238	3.06	https://doi.org/10.1016/j.etap.2017.03.013
438	Maddinedi S.B., Mandal B.K., Anna K.K.	Tyrosine assisted size controlled synthesis of silver nanoparticles and their catalytic, in-vitro cytotoxicity evaluation	Environmental Toxicology and Pharmacology	51	-	23	29	3.06	https://doi.org/10.1016/j.etap.2017.02.020
439	Ganesan R., Rasool M.	Interleukin 17 regulates SHP-2 and IL-17RA/STAT-3 dependent Cyr61, IL-23 and GM-CSF expression and RANKL mediated osteoclastogenesis by fibroblast-like synoviocytes in rheumatoid arthritis	Molecular Immunology	91	-	134	144	3.06	https://doi.org/10.1016/j.molimm.2017.09.003
440	Nan X., Bao L., Zhao X., Zhao X., Sangaiah A.K., Wang G.-G., Ma Z.	EPuL: An enhanced positive-unlabeled learning algorithm for the prediction of pupylation sites	Molecules	22	9	-	-	3.06	https://doi.org/10.3390/molecules22091463
441	Berrino E., Bua S., Mori M., Botta M., Murthy V.S., Vijayakumar V., Tamboli Y., Bartolucci G., Mugelli A., Cerbai E., Supuran C.T., Carta F.	Novel sulfamide-containing compounds as selective carbonic anhydrase i inhibitors	Molecules	22	7	-	-	3.06	https://doi.org/10.3390/molecules22071049
442	Bharathi M.V., Ghosh K., Paira P.	Glycerol-water mediated centrifuge controlled green synthesis of oleic acid capped PbS quantum dots for live cell imaging	RSC Advances	7	64	40664	40668	3.05	https://doi.org/10.1039/c7ra08443a
443	Oh M.-S., Navamathavan R.	Hydrogen incorporation effect in phosphorus-doped p-type ZnO thin films grown by radio-frequency magnetron sputtering	RSC Advances	7	26	16119	16125	3.05	https://doi.org/10.1039/c7ra00759k
444	Ramachandran R., Saranya M., Grace A.N., Wang F.	MnS nanocomposites based on doped graphene: simple synthesis by a wet chemical route and improved electrochemical properties as an electrode material for supercapacitors	RSC Advances	7	4	2249	2257	3.05	https://doi.org/10.1039/c6ra25457h
445	Jacob A.A., Balakrishnan L., Shambavi K., Alex Z.C.	Multi-band visible photoresponse study of Co2+ doped ZnO nanoparticles	RSC Advances	7	63	39657	39665	3.05	https://doi.org/10.1039/c7ra05429g
446	Mohandoss M., Gupta S.S., Nelleri A., Pradeep T., Maliyekkal S.M.	Solar mediated reduction of graphene oxide	RSC Advances	7	2	957	963	3.05	https://doi.org/10.1039/c6ra24696f
447	Sivachidambaram M., Vijaya J.J., Kaviyarasu K., Kennedy L.J., Al-Lohedan H.A., Jothi Ramalingam R.	A novel synthesis protocol for Co3O4 nanocatalysts and their catalytic applications	RSC Advances	7	62	38861	38870	3.05	https://doi.org/10.1039/c7ra06996k
448	Natarajan S., Shanthana Lakshmi D., Bhuvaneshwari M., Iswarya V., Mrudula P., Chandrasekaran N., Mukherjee A.	Antifouling activities of pristine and nanocomposite chitosan/TiO2/Ag films against freshwater algae	RSC Advances	7	44	27645	27655	3.05	https://doi.org/10.1039/c7ra03876c
449	Khanna K., Jaiswal A., Dhumal R.V., Selkar N., Chaudhari P., Soni V.P., Vanage G.R., Bellare J.	Comparative bone regeneration study of hardystonite and hydroxyapatite as filler in critical-sized defect of rat calvaria	RSC Advances	7	60	37522	37533	3.05	https://doi.org/10.1039/c7ra05039a
450	Jayachandra Babu M., Sandeep N., Ali M.E., Nuhait A.O.	Magnetohydrodynamic dissipative flow across the slendering stretching sheet with temperature dependent variable viscosity	Results in Physics	7	-	1801	1807	3.04	https://doi.org/10.1016/j.rinp.2017.05.018

451	Rehman K.U., Malik A.A., Malik M.Y., Sandeep N., Saba N.U.	Numerical study of double stratification in Casson fluid flow in the presence of mixed convection and chemical reaction	Results in Physics	7	-	2997	3006	3.04	https://doi.org/10.1016/j.rinp.2017.08.020
452	Sivakumar N., Durga Prasad P., Raju C.S.K., Varma S.V.K., Shehzad S.A.	Partial slip and dissipation on MHD radiative ferro-fluid over a non-linear permeable convectively heated stretching sheet	Results in Physics	7	-	1940	1949	3.04	https://doi.org/10.1016/j.rinp.2017.06.016
453	Deva A., Baruah A.R., Sarma A.	Properties of pseudo magnetism acting between bodies	Results in Physics	7	-	1252	1260	3.04	https://doi.org/10.1016/j.rinp.2017.03.016
454	Ali M.E., Sandeep N.	Cattaneo-Christov model for radiative heat transfer of magnetohydrodynamic Casson-ferrofluid: A numerical study	Results in Physics	7	-	21	30	3.04	https://doi.org/10.1016/j.rinp.2016.11.055
455	Kumaran G., Sandeep N., Ali M.E.	Computational analysis of magnetohydrodynamic Casson and Maxwell flows over a stretching sheet with cross diffusion	Results in Physics	7	-	147	155	3.04	https://doi.org/10.1016/j.rinp.2016.12.011
456	Konikkara N., Kennedy L.J.	Electrochemical properties of solid leather wastes based supercapacitor electrodes using H2SO4 electrolyte	Materials Letters	205	-	56	61	3.02	https://doi.org/10.1016/j.matlet.2017.06.048
457	Gomathi R., Madeswaran S., Babu D.R., Aravindan G.	Nonlinear optical, optical limiting and dielectric properties of organic cyclohexylammonium acetate single crystal	Materials Letters	209	-	240	243	3.02	https://doi.org/10.1016/j.matlet.2017.08.016
458	Basu P., Repanas A., Chatterjee A., Glasmacher B., NarendraKumar U., Maniubala I.	PEOâââ€š¬ââ,¬Å“CMC blend nanofibers fabrication by electrospinning for soft tissue engineering applications	Materials Letters	195	-	10	13	3.02	https://doi.org/10.1016/j.matlet.2017.02.065
459	Anjaneyulu U., Vijayalakshmi U.	Preparation and characterization of novel sol-gel derived hydroxyapatite/Fe3O4 composites coatings on Ti-6Al-4V for biomedical applications	Materials Letters	189	-	118	121	3.02	https://doi.org/10.1016/j.matlet.2016.11.078
460	Biswas P., Panda J.N., Nag D., Chougale N., Chandaliya V.K., Ghosh G., Dash P.S., Meikap B.C.	Hydrogen Evolution during Devolatilization to Predict Coking Potential of Metallurgical Coals	Energy and Fuels	31	2	1091	1099	3.02	https://doi.org/10.1021/acs.energyfuels.6b01704
461	Alagumuthu M., Arumugam S.	Molecular explorations of substituted 2-(4-phenylquinolin-2-yl) phenols as phosphoinositide 3-kinase inhibitors and anticancer agents	Cancer Chemotherapy and Pharmacology	79	2	389	397	3.01	https://doi.org/10.1007/s00280-016-3227-z
462	Matalia H., Francis M., Gangil T., Chandapura R.S., Kurian M., Shetty R., Nelson E.J.R., Roy A.S.	Noncontact quantification of topography of anterior corneal surface and Bowman's layer with high-speed OCT	Journal of Refractive Surgery	33	5	330	336	3	https://doi.org/10.3928/1081597X-20170201-01
463	Vidhya Hindu S., Chandrasekaran N., Mukherjee A., Thomas J.	Effect of Dietary Supplementation of Novel Probiotic Bacteria Bacillus vireti 01 on Antioxidant Defence System of Freshwater Prawn Challenged with Pseudomonas aeruginosa	Probiotics and Antimicrobial Proteins	-	-	1	11	2.96	https://doi.org/10.1007/s12602-017-9317-3
464	Nain, Amit; Barman, Snigdha Roy; Jain, Saumey; Mukherjee, Amitava; Satija, Jitendra	Dual mechanism-based sensing of mercury using unmodified, heteroepitaxially synthesized silver nanoparticles	APPLIED NANOSCIENCE	7	6	299	307	2.951	https://doi.org/10.1007/s13204-017-0572-0

465	Mahapatra T.R., Kar V.R., Panda S.K., Mehar K.	Nonlinear thermoelastic deflection of temperature-dependent FGM curved shallow shell under nonlinear thermal loading	Journal of Thermal Stresses	40	9	1184	1199	2.94	https://doi.org/10.1080/01495739.2017.1302788
466	Kar V.R., Panda S.K.	Postbuckling analysis of shear deformable FG shallow spherical shell panel under nonuniform thermal environment	Journal of Thermal Stresses	40	1	25	39	2.94	https://doi.org/10.1080/01495739.2016.1207118
467	Manikandan A., Mani M.P., Jaganathan S.K., Rajasekar R., Jagannath M.	Formation of functional nanofibrous electrospun polyurethane and murivenna oil with improved haemocompatibility for wound healing	Polymer Testing	61	-	106	113	2.94	https://doi.org/10.1016/j.polymertesting.2017.05.008
468	Mohan G., Subashini M.M.	MRI based medical image analysis: Survey on brain tumor grade classification	Biomedical Signal Processing and Control	39	-	139	161	2.94	https://doi.org/10.1016/j.bspc.2017.07.007
469	Jeevakala S., A. B.T., Rangasami R.	A novel segmentation of cochlear nerve using region growing algorithm	Biomedical Signal Processing and Control	39	-	117	129	2.94	https://doi.org/10.1016/j.bspc.2017.07.014
470	Al-Shabib N.A., Khan J.M., Alsenaidy M.A., Alsenaidy A.M., Khan M.S., Husain F.M., Khan M.R., Naseem M., Sen P., Alam P., Khan R.H.	Unveiling the stimulatory effects of tartrazine on human and bovine serum albumin fibrillogenesis: Spectroscopic and microscopic study	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	191	-	116	124	2.93	https://doi.org/10.1016/j.saa.2017.09.062
471	Balijapalli U., Udayadasan S., Panyam Muralidharan V., Sukumarapillai D.K., Shanmugam E., Paduthapillai Gopal A., Rathore R.S., Kulathu Iyer S.	An insight into the photophysical properties of amide hydrogen bonded N-(benzo[d]thiazol-2-yl) acetamide crystals	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	173	-	572	577	2.93	https://doi.org/10.1016/j.saa.2016.10.007
472	Nguyen N.C., Chen S.-S., Jain S., Nguyen H.T., Ray S.S., Ngo H.H., Guo W., Lam N.T., Duong H.C.	Exploration of an innovative draw solution for a forward osmosis-membrane distillation desalination process	Environmental Science and Pollution Research	-	-	1	9	2.91	https://doi.org/10.1007/s11356-017-9192-1
473	Iswarya V., Johnson J.B., Parashar A., Pulimi M., Chandrasekaran N., Mukherjee A.	Modulatory effects of Zn2+ ions on the toxicity of citrate- and PVP-capped gold nanoparticles towards freshwater algae, Scenedesmus obliquus	Environmental Science and Pollution Research	24	4	3790	3801	2.91	https://doi.org/10.1007/s11356-016-8131-x
474	Sugantharaj David E.M.D., Madurantakam Royam M., Rajamani Sekar S.K., Manivannan B., Jalaja Soman S., Mukherjee A., Natarajan C.	Toxicity, uptake, and accumulation of nano and bulk cerium oxide particles in Artemia salina	Environmental Science and Pollution Research	-	-	1	14	2.91	https://doi.org/10.1007/s11356-017-9975-4
475	Mishra P., Tyagi B.K., Chandrasekaran N., Mukherjee A.	Biological nanopesticides: a greener approach towards the mosquito vector control	Environmental Science and Pollution Research	-	-	1	13	2.91	https://doi.org/10.1007/s11356-017-9640-y
476	Das A., Belgaonkar P., Raman A.S., Banu S., Osborne J.W.	Bioremoval of lead using Pennisetum purpureum augmented with Enterobacter cloacae-VITPASJ1: A pot culture approach	Environmental Science and Pollution Research	24	18	15444	15453	2.91	https://doi.org/10.1007/s11356-017-8988-3
477	Bhuvaneshwari M., Sagar B., Doshi S., Chandrasekaran N., Mukherjee A.	Comparative study on toxicity of ZnO and TiO2 nanoparticles on Artemia salina: effect of pre-UV-A and visible light irradiation	Environmental Science and Pollution Research	24	6	5633	5646	2.91	https://doi.org/10.1007/s11356-016-8328-z

478	Gogoi S., Maji S., Mishra D., Devi K.S.P., Maiti T.K., Karak N.	Nano-Bio Engineered Carbon Dot-Peptide Functionalized Water Dispersible Hyperbranched Polyurethane for Bone Tissue Regeneration	Macromolecular Bioscience	17	3	-	-	2.9	https://doi.org/10.1002/mabi.201600271
479	Ghosh I., Mukherjee A., Mukherjee A.	In planta genotoxicity of nZVI: Influence of colloidal stability on uptake, DNA damage, oxidative stress and cell death	Mutagenesis	32	3	371	387	2.9	https://doi.org/10.1093/mutage/gex006
480	Rini J., Anbalagan M.	IGF2BP1: a novel binding protein of p38 MAPK	Molecular and Cellular Biochemistry	435	#####	133	140	2.88	https://doi.org/10.1007/s11010-017-3062-5
481	Merzouki T., Ganapathi M., Polit O.	A nonlocal higher-order curved beam finite model including thickness stretching effect for bending analysis of curved nanobeams	Mechanics of Advanced Materials and Structures	-	-	1	17	2.87	https://doi.org/10.1080/15376494.2017.1410903
482	Kamalesh D.K., Ramireddy S., Raguraman P.R., Sudandiradoss C.S.	Expediting dynamics approach to understand the influence of 14-3-3Î¶ causing metastatic cancer through the interaction of YAP1 and Î²-TRCP	Molecular BioSystems	13	10	1981	1992	2.86	https://doi.org/10.1039/c7mb00271h
483	Srinivasan E., Rajasekaran R.	Computational investigation of the human SOD1 mutant, Cys146Arg, that directs familial amyotrophic lateral sclerosis	Molecular BioSystems	13	8	1495	1503	2.86	https://doi.org/10.1039/c7mb00106a
484	Kamalesh, D.; Ramireddy, Srirooppreddy; Raguraman, P.; Sudandiradoss, C.	Expediting dynamics approach to understand the influence of 14-3-3 zeta causing metastatic cancer through the interaction of YAP1 and beta-TRCP	MOLECULAR BIOSYSTEMS	13	10	1981	1992	2.86	https://doi.org/10.1039/c7mb00271h
485	Kumar C.S., Anbazhagan R.	Investigation on chalcogenide and silica based photonic crystal fibers with circular and octagonal core	AEU - International Journal of Electronics and Communications	72	-	40	45	2.85	https://doi.org/10.1016/j.aeue.2016.11.018
486	Murugadass A., Pachiyappan A., Kumaravelu V.B., George E.M.	Quality of service aware antenna selection scheme for multi-hop relay networks	AEU - International Journal of Electronics and Communications	71	-	9	20	2.85	https://doi.org/10.1016/j.aeue.2016.11.001
487	Rathinam P., Vijay Kumar H.S., Viswanathan P.	Eugenol exhibits anti-virulence properties by competitively binding to quorum sensing receptors	Biofouling	33	8	624	639	2.85	https://doi.org/10.1080/08927014.2017.1350655
488	Panneerselvam, Theivendren; Sivakumar, Arumugam; Arumugam, Subramaniyan; Indhumathy, Murugan; Selvaraj, Kunjiappan; Joshi, Shrinivas D.; Dixit, Sheshagiri R.	Graph Theoretical Analysis, Insilico Modeling, Design and Synthesis of Biologically Active Pyrimidines and Quinazolines as Antimicrobial and Antitubercular Agent	CURRENT MICROWAVE CHEMISTRY	4	3	242	255	2.84	https://doi.org/10.2174/2213335606666170720154058
489	Anupama N., Madhumitha G.	Green synthesis and catalytic application of silver nanoparticles using Carissa carandas fruits	Inorganic and Nano-Metal Chemistry	47	1	116	120	2.84	https://doi.org/10.1080/15533174.2016.1149731
490	Zion, Divya; Tripathy, B. K.	Handling Non Communicable Disease Using Predictive Analysis of Data Mining Techniques	HELIX	7	5	2034	+	2.84	https://www.researchgate.net/publication/319544313_Handling_Non_Communicable_Disease_Using_Predictive_Analysis_of_Data_Mining_Techniques

491	Gobinath, N.; Karthikeyan, C. P.	Heating and Cooling Mechanisms of Nano Fluids: Experimental Investigation	NANO HYBRIDS AND COMPOSITES	17	-	44	54	2.84	https://doi.org/10.4028/www.scientific.net/NHC.17.44
492	Reddy K.H., Ramasamy S., Ramanathan P.	Hybrid adaptive neuro fuzzy based speed controller for brushless DC motor	Gazi University Journal of Science	30	1	93	110	2.84	http://gujs.gazi.edu.tr/article/view/5000206542/5000180664
493	Nersisson R., Noel M.M.	Hybrid Nelder-Mead search based optimal Least Mean Square algorithms for heart and lung sound separation	Engineering Science and Technology, an International Journal	20	3	1054	1065	2.84	https://doi.org/10.1016/j.jestch.2017.02.005
494	Thomas H.M.T., Devakumar D., Sasidharan B., Bowen S.R., Heck D.K., Samuel E.J.J.	Hybrid positron emission tomography segmentation of heterogeneous lung tumors using 3D Slicer: Improved GrowCut algorithm with threshold initialization	Journal of Medical Imaging	4	1	-	-	2.84	https://doi.org/10.1117/1.JMI.4.1.011009
495	Babu L.T., Paira P.	Current application of quantum dots (QD) in cancer therapy: A review	Mini-Reviews in Medicinal Chemistry	17	14	1406	1415	2.84	https://doi.org/10.2174/1389557517666170315125504
496	Sarkar B., Paira P	THERANOSTIC ASPECTS: Treatment of Cancer by Nanotechnology	Mini-Reviews in Medicinal Chemistry	-	-	-	-	2.84	https://www.ncbi.nlm.nih.gov/pubmed/29189149
497	Mohan Varma D.S., Sujatha S.	Segmental contributions to the center of mass movement in normal gait	Applied Mathematical Modelling	46	-	328	338	2.84	https://doi.org/10.1016/j.apm.2017.01.075
498	Ananda Babu A., Vasudevan R.	Vibration analysis of rotating delaminated non-uniform composite plates	Aerospace Science and Technology	60	-	172	182	2.83	https://doi.org/10.1016/j.ast.2016.11.009
499	Karkra K., Tetala K.K.R., Vijayalakshmi M.A.	A structure based plasma protein pre-fractionation using conjoint immobilized metal/chelate affinity (IMA) system	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	1052	-	1	9	2.81	https://doi.org/10.1016/j.jchromb.2017.02.032
500	Radha N., Shahina A., Prabha P., Preethi Sri B.T., Nayeemulla Khan A.	An analysis of the effect of combining standard and alternate sensor signals on recognition of syllabic units for multimodal speech recognition	Pattern Recognition Letters	-	-	-	-	2.81	https://doi.org/10.1016/j.patrec.2017.10.011
501	Muthuraj H., Sekar S.K., Mahendran M., Deepak O.P.	Post buckling mechanics and strength of cold-formed steel columns exhibiting Local-Distortional interaction mode failure	Structural Engineering and Mechanics	64	5	621	640	2.8	https://doi.org/10.12989/sem.2017.64.5.621
502	Alagumuthu M., Arumugam S.	Molecular docking, discovery, synthesis, and pharmacological properties of new 6-substituted-2-(3-phenoxyphenyl)-4-phenyl quinoline derivatives; an approach to developing potent DNA gyrase inhibitors/antibacterial agents	Bioorganic and Medicinal Chemistry	25	4	1448	1455	2.8	https://doi.org/10.1016/j.bmc.2017.01.007
503	Karthik R., Menaka R.	A multi-scale approach for detection of ischemic stroke from brain MR images using discrete curvelet transformation	Measurement: Journal of the International Measurement Confederation	100	-	223	232	2.79	https://doi.org/10.1016/j.measurement.2017.01.001

504	Baruah A., Pandivelan C., Jeevanantham A.K.	Optimization of AA5052 in incremental sheet forming using grey relational analysis	Measurement: Journal of the International Measurement Confederation	106	-	95	100	2.79	https://doi.org/10.1016/j.measurement.2017.04.029
505	Meena K.V., Mathew R., Leelavathi J., Ravi Sankar A.	Performance comparison of a single element piezoresistor with a half-active Wheatstone bridge for miniaturized pressure sensors	Measurement: Journal of the International Measurement Confederation	111	-	340	350	2.79	https://doi.org/10.1016/j.measurement.2017.07.052
506	Sreekara Reddy M.B.S., Ratnam C., Rajyalakshmi G., Manupati V.K.	An effective hybrid multi objective evolutionary algorithm for solving real time event in flexible job shop scheduling problem	Measurement: Journal of the International Measurement Confederation	114	-	78	90	2.79	https://doi.org/10.1016/j.measurement.2017.09.022
507	Balaji R., Sasikumar M.	Development of strain and damage monitoring system for polymer composites with embedded nickel alloys	Measurement: Journal of the International Measurement Confederation	111	-	307	315	2.79	https://doi.org/10.1016/j.measurement.2017.07.036
508	Deshmukh K., Ahamed M.B., Sadasivuni K.K., Ponnamma D., AlMaadeed M.A.-A., Khadheer Pasha S.K., Deshmukh R.R., Chidambaram K.	Graphene oxide reinforced poly (4-styrenesulfonic acid)/polyvinyl alcohol blend composites with enhanced dielectric properties for portable and flexible electronics	Materials Chemistry and Physics	186	-	188	201	2.78	https://doi.org/10.1016/j.matchemphys.2016.10.044
509	Ramki C., Ezhil Vizhi R.	Growth, optical, electrical and mechanical properties of sodium hydrogen oxalate hydrate (NaHC2O4Â·H2O) single crystal for NLO applications	Materials Chemistry and Physics	197	-	70	78	2.78	https://doi.org/10.1016/j.matchemphys.2017.04.066
510	Manohar A., Krishnamoorthi C.	Low Curie-transition temperature and superparamagnetic nature of Fe3O4 nanoparticles prepared by colloidal nanocrystal synthesis	Materials Chemistry and Physics	192	-	235	243	2.78	https://doi.org/10.1016/j.matchemphys.2017.01.039
511	Chandra Babu Naidu K., Madhuri W.	Microwave processed bulk and nano NiMg ferrites: A comparative study on X-band electromagnetic interference shielding properties	Materials Chemistry and Physics	187	-	164	176	2.78	https://doi.org/10.1016/j.matchemphys.2016.11.062
512	Kirankumar V.S., Sumathi S.	Structural, optical, magnetic and photocatalytic properties of bismuth doped copper aluminate nanoparticles	Materials Chemistry and Physics	197	-	17	26	2.78	https://doi.org/10.1016/j.matchemphys.2017.05.021
513	Kombaiah K., Vijaya J.J., Kennedy L.J., Bououdina M., Al-Lohedan H.A., Ramalingam R.J.	Studies on Opuntia dilenii haw mediated multifunctional ZnFe2O4 nanoparticles: Optical, magnetic and catalytic applications	Materials Chemistry and Physics	194	-	153	164	2.78	https://doi.org/10.1016/j.matchemphys.2017.03.020
514	Chandrakala M., Raj Bharath S., Maiyalagan T., Arockiasamy S.	Synthesis, crystal structure and vapour pressure studies of novel nickel complex as precursor for NiO coating by metalorganic chemical vapour deposition technique	Materials Chemistry and Physics	201	-	344	353	2.78	https://doi.org/10.1016/j.matchemphys.2017.08.056
515	Nivetha K., Kalainathan S., Yamada M., Kondo Y., Hamada F.	Synthesis, growth, structure and characterization of 1-Ethyl-2-(2-p-tolyl-vinyl)-pyridinium iodide (TASI) âàâ€š¬âà,¬Å“ An efficient material for third-order nonlinear optical applications	Materials Chemistry and Physics	188	-	131	142	2.78	https://doi.org/10.1016/j.matchemphys.2016.12.008

516	Karthik D., Swaroop S.	Effect of laser peening on electrochemical properties of titanium stabilized 321 steel	Materials Chemistry and Physics	193	-	147	155	2.78	https://doi.org/10.1016/j.matchemphys.2017.02.022
517	Lesitha Jeeva Kumari J., Jesu Jaya Sudan R., Sudandiradoss C.	Evaluation of peptide designing strategy against subunit reassociation in mucin 1: A steered molecular dynamics approach	PLoS ONE	12	8	-	-	2.78	https://doi.org/10.1371/journal.pone.0183041
518	Gurusamy P.D., SchÃ¤fer H., Ramamoorthy S., Wink M.	Biologically active recombinant human erythropoietin expressed in hairy root cultures and regenerated plantlets of Nicotiana tabacum L.	PLoS ONE	12	8	-	-	2.78	https://doi.org/10.1371/journal.pone.0182367
519	Sneha P., Thirumal K.D., George P.D.C., Siva R., Zayed H.	Determining the role of missense mutations in the POU domain of HNF1A that reduce the DNA-binding affinity: A computational approach	PLoS ONE	12	4	-	-	2.78	https://doi.org/10.1371/journal.pone.0174953
520	Shukla A., Bhattacharyya A., Kuppusamy L., Srivas M., Thattai M.	Discovering vesicle traffic network constraints by model checking	PLoS ONE	12	7	-	-	2.78	https://doi.org/10.1371/journal.pone.0180692
521	Wang L., Wang Y., Sangaiah A.K., Liao B.	Intuitionistic linguistic group decision-making methods based on generalized compensative weighted averaging aggregation operators	Soft Computing	-	-	1	13	2.78	https://doi.org/10.1007/s00500-017-2734-0
522	El-Shahat D., Abdel-Basset M., El-Henawy I., Sangaiah A.K.	A modified flower pollination algorithm for the multidimensional knapsack problem: human-centric decision making	Soft Computing	-	-	1	19	2.78	https://doi.org/10.1007/s00500-017-2744-y
523	Abdel-Basset M., Mohamed M., Hussien A.-N., Sangaiah A.K.	A novel group decision-making model based on triangular neutrosophic numbers	Soft Computing	-	-	1	15	2.78	https://doi.org/10.1007/s00500-017-2758-5
524	Chen C., Liu X., Qiu T., Liu L., Sangaiah A.K.	Latency estimation based on traffic density for video streaming in the internet of vehicles	Computer Communications	111	-	176	186	2.77	https://doi.org/10.1016/j.comcom.2017.08.010
525	Chen C., Zhao H., Qiu T., Hou R., Sangaiah A.K.	A multi-station block acknowledgment scheme in dense IoT networks	Computer Communications	-	-	-	-	2.77	https://doi.org/10.1016/j.comcom.2017.11.006
526	Tian Y., Li X., Sangaiah A.K., Ngai E., Song Z., Zhang L., Wang W.	Privacy-preserving scheme in social participatory sensing based on Secure Multi-party Cooperation	Computer Communications	-	-	-	-	2.77	https://doi.org/10.1016/j.comcom.2017.10.007
527	Ragupathi C., Vijaya J.J., Kennedy L.J.	Preparation, characterization and catalytic properties of nickel aluminate nanoparticles: A comparison between conventional and microwave method	Journal of Saudi Chemical Society	21	-	S231	S239	2.76	https://doi.org/10.1016/j.jscs.2014.01.006
528	Swarnavalli G.C.J., Dinakaran S., Raman N., Jegadeesh R., Pereira C.	Bio inspired synthesis of monodispersed silver nano particles using Sapindus emarginatus pericarp extract âââ€š¬ââ,¬Å“ Study of antibacterial efficacy	Journal of Saudi Chemical Society	21	2	172	179	2.76	https://doi.org/10.1016/j.jscs.2015.03.004
529	Mccleary, R. J. R.; Pandi, B. P.; JHA, N.; Sathyan, N.; Kini, R. M.	Surprise Presence of a Membrane-Bound Protein: Characterization of a Neprilysin from the Venom of the King Cobra (Ophiophagus hannah)	INTEGRATIVE AND COMPARATIVE BIOLOGY	57	-	E342	E342	2.751	http://www.sicb.org/meetings/2017/schedule/abstractdetails.php?id=1790
530	Valliammai M., Sivabalan S.	Efficient Wideband Supercontinuum Generation in Mid-IR Wavelengths Using Large Mode Area Quasi-Periodic Cladding Leakage Channel Fiber with Low Input Energy	IEEE Journal of Quantum Electronics	53	5	-	-	2.75	https://doi.org/10.1109/JQE.2017.2742660

531	Shoba M., Kaleemulla S.	Structural, optical and dielectric studies of Er substituted zinc ferrite nanospheres	Journal of Physics and Chemistry of Solids	111	-	447	457	2.75	https://doi.org/10.1016/j.jpcs.2017.08.028
532	Bharathi M.D., Bhuvaneswari R., Srividya J., Vinitha G., Prithiviraajan R.N., Anbalagan G.	Synthesis, optical, experimental and theoretical investigation of third order nonlinear optical properties of 8-hydroxyquinolinium 2-carboxy-6-nitrophthalate monohydrate single crystal	Journal of Physics and Chemistry of Solids	113	-	50	60	2.75	https://doi.org/10.1016/j.jpcs.2017.10.007
533	Sundararajan M., John Kennedy L., Nithya P., Judith Vijaya J., Bououdina M.	Visible light driven photocatalytic degradation of rhodamine B using Mg doped cobalt ferrite spinel nanoparticles synthesized by microwave combustion method	Journal of Physics and Chemistry of Solids	108	-	61	75	2.75	https://doi.org/10.1016/j.jpcs.2017.04.002
534	Das P., Gupta G., Velu V., Awasthi R., Dua K., Malipeddi H.	Formation of struvite urinary stones and approaches towards the inhibitionâââ€š¬âå‚¬ÂA review	Biomedicine and Pharmacotherapy	96	-	361	370	2.75	https://doi.org/10.1016/j.biopha.2017.10.015
535	Peter S J., Basha S K., Giridharan R., Lavinya B U., Sabina E.P.	Suppressive effect of Spirulina fusiformis on diclofenac-induced hepato-renal injury and gastrointestinal ulcer in Wistar albino rats: A biochemical and histological approach	Biomedicine and Pharmacotherapy	88	-	11	18	2.75	https://doi.org/10.1016/j.biopha.2017.01.032
536	Sundarrajan S., Arumugam M.	A systems pharmacology perspective to decipher the mechanism of action of Parangichakkai chooranam, a Siddha formulation for the treatment of psoriasis	Biomedicine and Pharmacotherapy	88	-	74	86	2.75	https://doi.org/10.1016/j.biopha.2016.12.135
537	Khaparde a., M a v., Tetala kkr	Preparation and characterization of a Cu (II)-IDA poly HEMA monolith syringe for proteomic applications.	Electrophoresis	-	-	-	-	2.75	https://doi.org/10.1002/elps.201700219
538	Chakraborty D., Viveka T.S., Arvind K., Shyamsundar V., Kanchan M., Alex S.A., Chandrasekaran N., Vijayalakshmi R., Mukherjee A.	A facile gold nanoparticle-based ELISA system for detection of osteopontin in saliva: Towards oral cancer diagnostics	Clinica Chimica Acta	-	-	-	-	2.74	https://doi.org/10.1016/j.cca.2017.09.009
539	Sujitha S., Rasool M.	MicroRNAs and bioactive compounds on TLR/MAPK signaling in rheumatoid arthritis	Clinica Chimica Acta	473	-	106	115	2.74	https://doi.org/10.1016/j.cca.2017.08.021
540	Fatima S., Anwar T., Ahmad N., Islam A., Sen P.	Non-enzymatic glycation enhances human serum albumin binding capacity to sodium fluorescein at room temperature: A spectroscopic analysis	Clinica Chimica Acta	469	-	180	186	2.74	https://doi.org/10.1016/j.cca.2017.04.008
541	Ghosh S., Gumber S., Varotsos C.	A sensitivity study of diffusional mass transfer of gases in tropical storm hydrometeors	Theoretical and Applied Climatology	-	-	1	18	2.72	https://doi.org/10.1007/s00704-017-2321-4
542	Thoti N., Lakshmi B.	RF performance enhancement in multi-fin TFETs by scaling inter fin separation	Materials Science in Semiconductor Processing	71	-	304	309	2.72	https://doi.org/10.1016/j.mssp.2017.08.014
543	Varunkumar K., Hussain R., Hegde G., Ethiraj A.S.	Effect of calcination temperature on Cu doped NiO nanoparticles prepared via wet-chemical method: Structural, optical and morphological studies	Materials Science in Semiconductor Processing	66	-	149	156	2.72	https://doi.org/10.1016/j.mssp.2017.04.009
544	Karthikeyan K., Sharma A., Mekata T., Itami T., Sudhakaran R.	Rapid and sensitive real-time loop meditated isothermal amplification for the detection of Enterocytozoon hepatopenaei of shrimp	Aquaculture	481	-	119	123	2.71	https://doi.org/10.1016/j.aquaculture.2017.08.036
545	Kaur G., Brar Y.S., Kothari D.P.	Potential of livestock generated biomass: Untapped energy source in India	Energies	10	7	-	-	2.71	https://doi.org/10.3390/en10070847

546	Vavilapalli S., Padmanaban S., Subramaniam U., Mihet-Popa L.	Power balancing control for grid energy storage system in photovoltaic applications - Real time digital simulation implementation	Energies	10	7	-	-	2.71	https://doi.org/10.3390/en10070928
547	Krishna S.M., Daya J.L.F., Padmanaban S., Mihet-Popa L.	Real-time analysis of a modified state observer for sensorless induction motor drive used in electric vehicle applications	Energies	10	8	-	-	2.71	https://doi.org/10.3390/en10081077
548	Ganesan, Swaminathan; Padmanaban, Sanjeevikumar; Varadarajan, Ramesh; Subramaniam, Umashankar; Mihet-Popa, Lucian	Study and Analysis of an Intelligent Microgrid Energy Management Solution with Distributed Energy Sources	Energies	10	9	-	-	2.71	https://doi.org/10.3390/en10091419
549	Jayaraman M., Sreedevi V.T.	Power quality improvement in a cascaded multilevel inverter interfaced grid connected system using a modified inductive-capacitive-inductive filter with reduced power loss and improved harmonic attenuation	Energies	10	11	-	-	2.71	https://doi.org/10.3390/en10111834
550	Tiwari R., Padmanaban S., Neelakandan R.B.	Coordinated control strategies for a permanent magnet synchronous generator based wind energy conversion system	Energies	10	10	-	-	2.71	https://doi.org/10.3390/en10101493
551	Ghosh S., Kumar U.M., Bhaktha B.N.S.	Heat-treatment controlled structural and optical properties of sol-gel fabricated Eu:ZnO thin films	Optical Materials	64	-	288	294	2.69	https://doi.org/10.1016/j.optmat.2016.12.023
552	Yuvaraj S., Manikandan N., Vinitha G.	Influence of copper ions on structural and non-linear optical properties in manganese ferrite nanomaterials	Optical Materials	73	-	428	436	2.69	https://doi.org/10.1016/j.optmat.2017.08.027
553	Joy Sebastian Prakash J., Vinitha G., Ramachandran M., Rajamanickam K.	Analysis on nonlinear optical properties of Cd (Zn) Se quantum dots synthesized using three different stabilizing agents	Optical Materials	72	-	821	827	2.69	https://doi.org/10.1016/j.optmat.2017.07.039
554	Sreeja V.G., Vinitha G., Reshmi R., Anila E.I., Jayaraj M.K.	Effect of reduction time on third order optical nonlinearity of reduced graphene oxide	Optical Materials	66	-	460	468	2.69	https://doi.org/10.1016/j.optmat.2017.01.042
555	Saravanakumar D., Mohan B., Muthuramalingam T.	A review on recent research trends in servo pneumatic positioning systems	Precision Engineering	49	-	481	492	2.69	https://doi.org/10.1016/j.precisioneng.2017.01.014
556	Prathap S., Madhuri W.	Multiferroic properties of microwave sintered PbFe12âËâ€ ââ,¬â„¢xO19âËâ€ ââ,¬â„¢Î´	Journal of Magnetism and Magnetic Materials	430	-	114	122	2.68	https://doi.org/10.1016/j.jmmm.2016.12.116
557	Harikrishnan V., Vizhi R.E., Rajan Babu D., Saravanan P.	Structural and magnetic properties of spark plasma sintered Co-Mg-Zn substituted Ba-Sr hexagonal ferrite magnets	Journal of Magnetism and Magnetic Materials	-	-	-	-	2.68	https://doi.org/10.1016/j.jmmm.2017.06.083
558	Thamilmaran P., Arunachalam M., Sankarrajan S., Sakthipandi K., Samuel E.J.J., Sivabharathy M.	Study of the effect of Cu doping in La0.7Sr0.3MnO3 perovskite materials employing on-line ultrasonic measurements	Journal of Magnetism and Magnetic Materials	443	-	29	35	2.68	https://doi.org/10.1016/j.jmmm.2017.07.046
559	Raju C.S.K., Sandeep N.	Unsteady Casson nanofluid flow over a rotating cone in a rotating frame filled with ferrous nanoparticles: A numerical study	Journal of Magnetism and Magnetic Materials	421	-	216	224	2.68	https://doi.org/10.1016/j.jmmm.2016.08.013

560	Nivetha R., Chella S., Kollu P., Jeong S.K., Bhatnagar A., Andrews N.G.	Cobalt and nickel ferrites based graphene nanocomposites for electrochemical hydrogen evolution	Journal of Magnetism and Magnetic Materials	-	-	-	-	2.68	https://doi.org/10.1016/j.jmmm.2017.05.083
561	Kiran V.S., Sumathi S.	Comparison of catalytic activity of bismuth substituted cobalt ferrite nanoparticles synthesized by combustion and co-precipitation method	Journal of Magnetism and Magnetic Materials	421	-	113	119	2.68	https://doi.org/10.1016/j.jmmm.2016.07.068
562	Manohar A., Krishnamoorthi C.	Synthesis and magnetic hyperthermia studies on high susceptible Fe1âËâ€ ââ,¬â„¢xMgxFe2O4 superparamagnetic nanospheres	Journal of Magnetism and Magnetic Materials	443	-	267	274	2.68	https://doi.org/10.1016/j.jmmm.2017.07.065
563	Maharishi, R.; Rathnasabapathy, Maya	Neuropsychological Impairment of Stroke Patients	CEREBROVASCULAR DISEASES	44	-	39	40	2.68	-
564	Pasha S.K.K., Deshmukh K., Ahamed M.B., Chidambaram K., Mohanapriya M.K., Raj N.A.N.	Investigation of Microstructure, Morphology, Mechanical, and Dielectric Properties of PVA/PbO Nanocomposites	Advances in Polymer Technology	36	3	352	361	2.66	https://doi.org/10.1002/adv.21616
565	Kumar D., Roy R., Parashar A., Raichur A.M., Chandrasekaran N., Mukherjee A., Mukherjee A.	Toxicity assessment of zero valent iron nanoparticles on Artemia salina	Environmental Toxicology	32	5	1617	1627	2.65	https://doi.org/10.1002/tox.22389
566	Iyyappa Rajan P., Mahalakshmi S., Chandra S.	Establishment of half-metallicity, ferrimagnetic ordering and double exchange interactions in Ni-doped BiFeO3 âââ€š¬ââ,¬Å“ A first-principles study	Computational Materials Science	130	-	84	90	2.64	https://doi.org/10.1016/j.commatsci.2016.12.034
567	Bisoi M., Das M.K., Roy S., Patel D.K.	Turbulent statistics in flow field due to interaction of two plane parallel jets	Physics of Fluids	29	12	-	-	2.63	https://doi.org/10.1063/1.5018306
568	Shijo J.S., Behera N.	Transient parameter analysis of pneumatic conveying of fine particles for predicting the change of mode of flow	Particuology	32	-	82	88	2.62	https://doi.org/10.1016/j.partic.2016.07.004
569	Sandeep N., Gnaneswara Reddy M.	MHD Oldroyd-B fluid flow across a melting surface with cross diffusion and double stratification	European Physical Journal Plus	132	3	-	-	2.61	https://doi.org/10.1140/epjp/i2017-11417-9
570	Krishna P.M., Sandeep N., Sharma R.P.	Computational analysis of plane and parabolic flow of MHD Carreau fluid with buoyancy and exponential heat source effects	European Physical Journal Plus	132	5	-	-	2.61	https://doi.org/10.1140/epjp/i2017-11469-9
571	Gnaneswara Reddy M., Sandeep N.	Computational modelling and analysis of heat and mass transfer in MHD flow past the upper part of a paraboloid of revolution	European Physical Journal Plus	132	5	-	-	2.61	https://doi.org/10.1140/epjp/i2017-11483-y
572	Ramana Reddy J.V., Sugunamma V., Sandeep N.	Effect of frictional heating on radiative ferrofluid flow over a slendering stretching sheet with aligned magnetic field	European Physical Journal Plus	132	1	-	-	2.61	https://doi.org/10.1140/epjp/i2017-11287-1
573	Valli D., Ganesan K.	Chaos based video encryption using maps and Ikeda time delay system	European Physical Journal Plus	132	12	-	-	2.61	https://doi.org/10.1140/epjp/i2017-11819-7
574	Adak s., Mukherjee s., Sen d	Mesenchymal Stem Cell as a potential therapeutic for inflammatory bowel disease- myth or reality?	Current Stem Cell Research and Therapy	-	-	-	-	2.61	https://www.ncbi.nlm.nih.gov/pubmed/?term=Mesenchymal Stem Cell as a potential therapeutic for inflammatory bowel disease- myth or reality?

575	Venkatesh K., Sen D.	Mesenchymal stem cells as a source of dopaminergic neurons: A potential cell based therapy for Parkinsonââ€š¬â€žcs disease	Current Stem Cell Research and Therapy	12	8	326	347	2.61	https://doi.org/10.2174/1574888X12666161114122059
576	Rajakumar G., Gomathi T., Thiruvengadam M., Devi Rajeswari V., Kalpana V.N., Chung I.-M.	Evaluation of anti-cholinesterase, antibacterial and cytotoxic activities of green synthesized silver nanoparticles using from Millettia pinnata flower extract	Microbial Pathogenesis	103	-	123	128	2.58	https://doi.org/10.1016/j.micpath.2016.12.019
577	Tapader R., Bose D., Pal A.	YghJ, the secreted metalloprotease of pathogenic E.Â coli induces hemorrhagic fluid accumulation in mouse ileal loop	Microbial Pathogenesis	105	-	96	99	2.58	https://doi.org/10.1016/j.micpath.2017.02.020
578	Saleem S., Awais M., Nadeem S., Sandeep N., Mustafa M.T.	Theoretical analysis of upper-convected Maxwell fluid flow with Cattaneoââ€š¬â,¬Å“Christov heat flux model	Chinese Journal of Physics	55	4	1615	1625	2.54	https://doi.org/10.1016/j.cjph.2017.04.005
579	M sathishkumar., N sandeep., B rushikumar	Three-dimensional magnetohydrodynamic rotating flow past a stretched surface with cross diffusion	Chinese Journal of Physics	55	6	2407	2421	2.54	https://doi.org/10.1016/j.cjph.2017.09.014
580	Meshach Paul D., Rajasekaran R.	In silico approach to explore the disruption in the molecular mechanism of human hyaluronidase 1 by mutant E268K that directs Natowicz syndrome	European Biophysics Journal	46	2	157	169	2.53	https://doi.org/10.1007/s00249-016-1151-0
581	Kumar, S.; Naik, S.; Rawat, R. S.	A lectin from hyacinth plant bulbs having potent inhibitory activity against human cancer cells	European Biophysics Journal	46	-	S165	S165	2.53	-
582	BalajiSubramanian S., Balaji K., Thirunavukarasu M., Premkumar S.	Sparing dysphagia/aspiration related structures using novel hybrid volumetric modulated arc therapy	Physica Medica	39	-	80	87	2.53	https://doi.org/10.1016/j.ejmp.2017.05.073
583	Ranjith K.	A slip wave solution in antiplane elasticity	Geophysical Journal International	208	3	1305	1307	2.528	https://doi.org/10.1093/gji/ggw464
584	Devalapalli M.M.R., Cheruvu H.S., Yertha T., Veeravalli V.B., Sampathi S., Shivakumar S.	Hansen solubility parameters for assay method optimization of simvastatin, ramipril, atenolol, hydrochlorothiazide and aspirin in human plasma using liquid chromatography with tandem mass spectrometry	Journal of Separation Science	40	18	3662	3674	2.52	https://doi.org/10.1002/jssc.201700565
585	Rani K.V., Sarma B., Sarma A.	Plasma sputtering process of copper on polyester/silk blended fabrics for preparation of multifunctional properties	Vacuum	146	-	206	215	2.52	https://doi.org/10.1016/j.vacuum.2017.09.036
586	Sathiyaraj P., Samuel E.J.J., Valeriano C.C.S., Kurudirek M.	Effective atomic number and buildup factor calculations for metal nano particle doped polymer gel	Vacuum	143	-	138	149	2.52	https://doi.org/10.1016/j.vacuum.2017.06.005
587	Rajan P.I., Mahalakshmi S., Chandra S.	Occurrence of spintronics behaviour (Half-metallicity, spin gapless semiconductor and bipolar magnetic semiconductor) depending on the location of oxygen vacancies in BiFe0.83Ni0.17O3	Royal Society Open Science	4	6	-	-	2.504	https://doi.org/10.1098/rsos.170273
588	Sagiraju D.K.V., Obulesu Y.P., Choppavarapu S.B.	Dynamic performance improvement of standalone battery integrated PMSG wind energy system using proportional resonant controller	Engineering Science and Technology, an International Journal	20	4	1353	1365	2.5	https://doi.org/10.1016/j.jestch.2017.03.010

589	Emerson I.A., Amala A.	Protein contact maps: A binary depiction of protein 3D structures	Physica A: Statistical Mechanics and its Applications	465	-	782	791	2.5	https://doi.org/10.1016/j.physa.2016.08.033
590	Jonnalagadda A., Kuppusamy L.	A cooperative game framework for detecting overlapping communities in social networks	Physica A: Statistical Mechanics and its Applications	491	-	498	515	2.5	https://doi.org/10.1016/j.physa.2017.08.111
591	Srinivasan E., Rajasekaran R.	Exploring the cause of aggregation and reduced Zn binding affinity by G85R mutation in SOD1 rendering amyotrophic lateral sclerosis	Proteins: Structure, Function and Bioinformatics	85	7	1276	1286	2.5	https://doi.org/10.1002/prot.25288
592	Reddy B.R.P., Reddy P.V.G., Shankar M.V., Reddy B.N.	CuI Supported on Protonated Trititanate Nanotubes: A Reusable Catalyst for the One-Pot Synthesis of Propargylamines via A3-Coupling	Asian Journal of Organic Chemistry	6	6	712	719	2.5	https://doi.org/10.1002/ajoc.201600623
593	Chakraborty P., Abraham J.	Comparative study on degradation of norfloxacin and ciprofloxacin by Ganoderma lucidum JAPC1	Korean Journal of Chemical Engineering	34	4	1122	1128	2.48	https://doi.org/10.1007/s11814-016-0345-6
594	Raju C.S.K., Sandeep N.	MHD slip flow of a dissipative Casson fluid over a moving geometry with heat source/sink: A numerical study	Acta Astronautica	133	-	436	443	2.48	https://doi.org/10.1016/j.actaastro.2016.11.004
595	Unissa A.N., Doss C. G.P., Kumar T., Swathi S., Lakshmi A.R., Hanna L.E.	Analysis of interactions of clinical mutants of catalase-peroxidase (KatG) responsible for isoniazid resistance in Mycobacterium tuberculosis with derivatives of isoniazid	Journal of Global Antimicrobial Resistance	11	-	57	67	2.47	https://doi.org/10.1016/j.jgar.2017.06.014
596	Shankar C., Nabarro L.E.B., Muthuirulandi Sethuvel D.P., Raj A., Devanga Ragupathi N.K., Doss G.P., Veeraraghavan B.	Draft genome of a hypervirulent Klebsiella quasipneumoniae subsp. similipneumoniae with novel sequence type ST2320 isolated from a chronic liver disease patient	Journal of Global Antimicrobial Resistance	9	-	30	31	2.47	https://doi.org/10.1016/j.jgar.2017.01.004
597	Chinnadurai T., Arungalai Vendan S.	Thermal and structural analysis of ultrasonic-welded PC/ABS blend for automobile applications	Journal of Thermal Analysis and Calorimetry	127	3	1995	2003	2.47	https://doi.org/10.1007/s10973-016-5748-4
598	Sagar R., Gaur S.S., Gaur M.S.	Effect of BaZrO3 nanoparticles on pyroelectric properties of polyvinylidene fluoride (PVDF)	Journal of Thermal Analysis and Calorimetry	128	2	1235	1239	2.47	https://doi.org/10.1007/s10973-016-5964-y
599	Muralidharan V.P., Alagumuthu M., Iyer S.K.	Iodine catalyzed three component synthesis of 1-((2-hydroxy naphthalen-1-yl)(phenyl)(methyl))pyrrolidin-2-one derivatives: Rationale as potent PI3K inhibitors and anticancer agents	Bioorganic and Medicinal Chemistry Letters	27	11	2510	2514	2.45	https://doi.org/10.1016/j.bmcl.2017.03.093
600	Guda R., Korra R., Balaji S., Palabindela R., Eerla R., Lingabathula H., Yellu N.R., Kumar G., Kasula M.	Design, synthesis and biological evaluation of 8-substituted-6-hydrazonoindolo[2,1-b]quinazolin-12(6H)-one scaffolds as potential cytotoxic agents: IDO-1 targeting molecular docking studies	Bioorganic and Medicinal Chemistry Letters	27	20	4741	4748	2.45	https://doi.org/10.1016/j.bmcl.2017.08.064
601	Saleem S., Nadeem S., Sandeep N.	A mathematical analysis of time dependent flow on a rotating cone in a rheological fluid	Propulsion and Power Research	6	3	233	241	2.43	https://doi.org/10.1016/j.jppr.2017.07.003
602	Reddy P.B., Suneetha S., Reddy N.B.	Numerical study of magnetohydrodynamics (MHD) boundary layer slip flow of a Maxwell nanofluid over an exponentially stretching surface with convective boundary condition	Propulsion and Power Research	6	4	259	268	2.43	https://doi.org/10.1016/j.jppr.2017.11.002

603	Thiyam D.B., Cruces S., Olias J., Cichocki A.	Optimization of Alpha-Beta Log-Det divergences and their application in the spatial filtering of two class motor imagery movements	Entropy	19	3	-	-	2.42	https://doi.org/10.3390/e19030089
604	Sudha M.	Evolutionary and Neural Computing Based Decision Support System for Disease Diagnosis from Clinical Data Sets in Medical Practice	Journal of Medical Systems	41	11	-	-	2.42	https://doi.org/10.1007/s10916-017-0823-3
605	Mohamed abdel basset., Ahmed e fakhry., Ibrahim el henawy., Tie qiu., Arun kumar sangaiah	Feature and Intensity Based Medical Image Registration Using Particle Swarm Optimization.	Journal of Medical Systems	41	197	-	-	2.42	https://link.springer.com/article/10.1007/s10916-017-0846-9
606	Mangaonkar S.R., Kole P.B., Singh F.V.	Oxidation of Organosulfides to Organosulfones with Trifluoromethyl 3-Oxo-1Î» 3 ,2-benziodoxole-1(3 H)-carboxylate as an Oxidant	Synlett	-	-	-	-	2.42	https://doi.org/10.1055/s-0036-1588575
607	Rajasekhar S., Maiti B., Chanda K.	A Decade Update on Benzoxazoles, a Privileged Scaffold in Â-Synthetic Organic Chemistry	Synlett	28	5	521	541	2.42	https://doi.org/10.1055/s-0036-1588671
608	Sathesh V., Sathiyanarayanan K.	Direct Chemo-, Regio-, and Diastereoselective Synthesis of Î²-Keto Ethers from Acrylonitrile by Cascade Aldol/Oxo-Michael Reaction with Cyclododecanone	Synlett	28	11	1331	1335	2.42	https://doi.org/10.1055/s-0036-1558975
609	Mosaeilhy A., Mohamed M.M., George Priya Doss C., El Abd H.S.A., Gamal R., Zaki O.K., Zayed H.	Genotype-phenotype correlation in 18 Egyptian patients with glutaric acidemia type I	Metabolic Brain Disease	32	5	1417	1426	2.41	https://doi.org/10.1007/s11011-017-0006-4
610	Zaki O.K., Krishnamoorthy N., El Abd H.S., Harche S.A., Mattar R.A., Al disi R.S., Nofal M.Y., El Bekay R., Ahmed K.A., George Priya Doss C., Zayed H.	Two patients with Canavan disease and structural modeling of a novel mutation	Metabolic Brain Disease	32	1	171	177	2.41	https://doi.org/10.1007/s11011-016-9896-9
611	George Priya Doss C., Zayed H.	Comparative computational assessment of the pathogenicity of mutations in the Aspartoacylase enzyme	Metabolic Brain Disease	-	-	1	14	2.41	https://doi.org/10.1007/s11011-017-0090-5
612	Jesudoss S.K., Judith Vijaya J., Iyyappa Rajan P., Kaviyarasu K., Sivachidambaram M., John Kennedy L., Al-Lohedan H.A., Jothiramalingam R., Munusamy M.A.	High performance multifunctional green Co3O4 spinel nanoparticles: Photodegradation of textile dye effluents, catalytic hydrogenation of nitro-aromatics and antibacterial potential	Photochemical and Photobiological Sciences	16	5	766	778	2.41	https://doi.org/10.1039/c7pp00006e
613	Bhowmick A., Yadav K., Roy S.D., Kundu S.	Multi slot-throughput tradeoff in an improved energy detector based faded cognitive radio network	Wireless Networks	-	-	1	14	2.41	https://doi.org/10.1007/s11276-017-1487-0
614	Nitesh K., Azharuddin M., Jana P.K.	A novel approach for designing delay efficient path for mobile sink in wireless sensor networks	Wireless Networks	-	-	1	20	2.41	https://doi.org/10.1007/s11276-017-1477-2

615	Torne SR., Sheela A., Sarada NC	A review on oral liquid as an emerging technology in controlled drug delivery system	Current pharmaceutical design	-	-	-	-	2.41	https://www.ncbi.nlm.nih.gov/pubmed/?term=A+review+on+oral+liquid+as+an+emerging+technology+in+controlled+drug+delivery+system.
616	Unnikrishnan P.S., Jayasri M.A.	Antidiabetic studies of Chaetomorpha antennina extract using experimental models	Journal of Applied Phycology	29	2	1047	1056	2.401	https://doi.org/10.1007/s10811-016-0991-4
617	Chakraborti D., Rahman M.M., Das B., Chatterjee A., Das D., Nayak B., Pal A., Chowdhury U.K., Ahmed S., Biswas B.K., Sengupta M.K., Hossain M.A., Samanta G., Roy M.M., Dutta R.N., Saha K.C., Mukherjee S.C., Pati S., Kar P.B., Mukherjee A., Kumar M.	Groundwater arsenic contamination and its health effects in India [Contamination des eaux souterraines en arsenic et ses effets sur la santÃ© en Inde] [ContaminaÃ§Ã£o por arsÃªnio em Ã¡guas subterrÃ¢neas e seus efeitos para saÃºde na ÃÂÂndia] [Contaminaci	Hydrogeology Journal	25	4	1165	1181	2.4	https://doi.org/10.1007/s10040-017-1556-6
618	Sakthigokulrajan C., Ravi K.	Combined role of derived array configurations and MPSO based MPPT in improving the energy yield under partial shading conditions	Journal of Building Engineering	9	-	125	134	2.38	https://doi.org/10.1016/j.jobe.2016.12.006
619	Sakthigokulrajan, C.; Ravi, K.	RETRACTION: Combined role of derived array configurations and MPSO based MPPT in improving the energy yield under partial shading conditions (Retraction of Vol 34, Pg 613, 2015)	Journal of Building Engineering	9	-	125	125	2.38	https://doi.org/10.1016/j.jobe.2016.12.006
620	Vishnu N., Gandhi M., Rajagopal D., Kumar A.S.	Pencil graphite as an elegant electrochemical sensor for separation-free and simultaneous sensing of hypoxanthine, xanthine and uric acid in fish samples	Analytical Methods	9	15	2265	2274	2.38	https://doi.org/10.1039/c7ay00445a
621	Sornambikai S., Abdul Kadir M.R., Kumar A.S., Ponpandian N., Viswanathan C.	Selective and low potential electrocatalytic oxidation and sensing of l-cysteine using metal impurity containing carbon black modified electrode	Analytical Methods	9	48	6791	6800	2.38	https://doi.org/10.1039/c7ay02251d
622	Chejarla V.R., Mandla V.R., Palanisamy G., Choudhary M.	Estimation of damage to agriculture biomass due to Hudhud cyclone and carbon stock assessment in cyclone affected areas using Landsat-8	Geocarto International	32	6	589	602	2.37	https://doi.org/10.1080/10106049.2016.1161079
623	Rani N., Mandla V.R., Singh T.	Spatial distribution of altered minerals in the Gadag Schist Belt (GSB) of Karnataka, Southern India using hyperspectral remote sensing data	Geocarto International	32	3	225	237	2.37	https://doi.org/10.1080/10106049.2015.1132484
624	Karri S.K., Sheela A.	Potential route of Th17/Treg cell dynamics in targeting type 1 diabetes and rheumatoid arthritis: an autoimmune disorder perspective	British Journal of Biomedical Science	74	1	8	15	2.37	https://doi.org/10.1080/09674845.2016.1264704
625	Suneel Kumar Y., Nawaz Khan F.	TiO2 Nanoparticles Catalyzed Chemoselective Synthesis of 2-Chloroquinolinyl-4-quinolinones and their Intramolecular Cyclization through Palladium Catalyzed Sonogashira Coupling Reaction	Catalysis Letters	147	4	919	925	2.37	https://doi.org/10.1007/s10562-017-1992-x

626	Balinge K.R., Bhagat P.R.	Palladiumâââ€š¬ââ,¬Å“N-heterocyclic carbene complexes for the Mizorokiâââ€š¬ââ,¬Å“Heck reaction: An appraisal	Comptes Rendus Chimie	20	7	773	804	2.37	https://doi.org/10.1016/j.crci.2017.03.003
627	Thenmozhi K., Yoo Y.J.	Enhanced solubility of piperine using hydrophilic carrier-based potent solid dispersion systems	Drug Development and Industrial Pharmacy	43	9	1501	1509	2.37	https://doi.org/10.1080/03639045.2017.1321658
628	Varotsos C.A., Ghosh S.	Impacts of climate warming on atmospheric phase transition mechanisms	Theoretical and Applied Climatology	130	#####	1111	1122	2.321	https://doi.org/10.1007/s00704-016-1951-2
629	Khan I., Ansari I.A., Singh P., Dass J.F.P., Khan F.	Identification and characterization of functional single nucleotide polymorphisms (SNPs) in Axin 1 gene: a molecular dynamics approach	Cell Biochemistry and Biophysics	76	1(2)	173	185	2.32	https://doi.org/10.1007/s12013-017-0818-1
630	Srinivasan E., Rajasekaran R.	Cysteine to Serine Conversion at 111th Position Renders the Disaggregation and Retains the Stabilization of Detrimental SOD1 A4V Mutant Against Amyotrophic Lateral Sclerosis in Humanâââ€š¬ââ,¬ÂA Discrete Molecular Dynamics Study	Cell Biochemistry and Biophysics	76	1(2)	231	241	2.32	https://doi.org/10.1007/s12013-017-0830-5
631	James N., Ramanathan K.	Discovery of Potent ALK Inhibitors Using Pharmacophore-Informatics Strategy	Cell Biochemistry and Biophysics	-	-	1	14	2.32	https://doi.org/10.1007/s12013-017-0800-y
632	M g johnson., S raj bharath., S arockiasamy., T maiyalagan., J selvakumar., K s nagaraja	Development, vapour pressure of metallo-organic precursors of copper for the deposition of copper thin films by a plasma assisted MOCVD	Inorganic and Nano-Metal Chemistry	47	12	1635	1642	2.31	http://dx.doi.org/10.1080/24701556.2017.1357591
633	Vijayalakshmi A., Vidyavathy B., Peramaiyan G., Vinitha G.	Synthesis, growth, structural and optical studies of a new organic three dimensional framework: 4-(aminocarbonyl)pyridine 4-(aminocarbonyl)pyridinium hydrogen L-malate	Journal of Solid State Chemistry	246	-	237	244	2.29	https://doi.org/10.1016/j.jssc.2016.11.025
634	Vivekanandan T., Sriman Narayana Iyengar N.C.	Optimal feature selection using a modified differential evolution algorithm and its effectiveness for prediction of heart disease	Computers in Biology and Medicine	90	-	125	136	2.29	https://doi.org/10.1016/j.compbiomed.2017.09.011
635	Rajesh K.N.V.P.S., Dhuli R.	Classification of ECG heartbeats using nonlinear decomposition methods and support vector machine	Computers in Biology and Medicine	87	-	271	284	2.29	https://doi.org/10.1016/j.compbiomed.2017.06.006
636	Solomon I., Bhatnagar M., Shukla K., Sarma B., Ranjan M., Sarma A.	Correlation of structural and optical properties of PVD grown amorphous carbon thin films	Diamond and Related Materials	75	-	69	77	2.29	https://doi.org/10.1016/j.diamond.2017.01.015
637	Raj R., Vignesh V., Ra Y.-H., Nirmala R., Lee C.-R., Navamathavan R.	Growth of hierarchical GaN nanowires for optoelectronic device applications	Journal of Photonics for Energy	7	1	-	-	2.28	https://doi.org/10.1117/1.JPE.7.016001
638	Evy Alice Abigail M, Melvin Samuel S, Needhidasan S., Ramalingam C.	Stratagems employed for 2,4-dichlorophenoxyacetic acid removal from polluted water sources	Clean Technologies and Environmental Policy	19	6	1607	1620	2.28	https://doi.org/10.1007/s10098-017-1371-8
639	Nanthagopal K., Ashok B., Varatharajan V., Anand V., Dinesh Kumar R.	Study on the effect of exhaust gas-based fuel preheating device on ethanolâââ€š¬ââ,¬Å“diesel blends operation in a compression ignition engine	Clean Technologies and Environmental Policy	19	10	2379	2392	2.28	https://doi.org/10.1007/s10098-017-1426-x
640	Konikkara N., Punithavelan N., Kennedy L.J., Vijaya J.J.	A new approach to solid waste management: fabrication of supercapacitor electrodes from solid leather wastes using aqueous KOH electrolyte	Clean Technologies and Environmental Policy	19	4	1087	1098	2.28	https://doi.org/10.1007/s10098-016-1301-1

641	Balasundaram P., Veerappapillai S., Karuppasamy R.	Quinolones and fluoroquinolones to treat Salmonella typhimurium: A review of metabolism and pharmacokinetics	Current Drug Metabolism	18	12	1085	1094	2.28	https://doi.org/10.2174/1389200218666170710185032
642	Narendar R., Dasan K.P., Kalainathan S.	Coir pith/nylon/epoxy hybrid composites: Dynamic mechanical, ageing, and dielectric properties	Polymer Composites	38	8	1671	1679	2.27	https://doi.org/10.1002/pc.23736
643	Paul Praveen A., Vasudevan Rajamohan., arun tom mathew	Recent developments in investigation on buckling and post buckling responses of laminated composite shells	Polymer Composites	-	-	-	-	2.27	http://onlinelibrary.wiley.com/doi/10.1002/pc.24562/full
644	Jakkamputi L.P., Rajamohan V.	Dynamic characterization of CNT-reinforced hybrid polymer composite beam under elevated temperature-an experimental study	Polymer Composites	-	-	-	-	2.27	https://doi.org/10.1002/pc.24668
645	Kashte S., Jaiswal A.K., Kadam S.	Artificial Bone via Bone Tissue Engineering: Current Scenario and Challenges	Tissue Engineering and Regenerative Medicine	14	1	-	-	2.27	https://doi.org/10.1007/s13770-016-0001-6
646	Lim H.K., Gurung R.L., Hande M.P.	DNA-dependent protein kinase modulates the anti-cancer properties of silver nanoparticles in human cancer cells	Mutation Research - Genetic Toxicology and Environmental Mutagenesis	824	-	32	41	2.26	https://doi.org/10.1016/j.mrgentox.2017.10.001
647	Ravi Shankar B., Vijayakumar V., Sivaramakrishnan H., Nagarajan K.	A catalyst free synthesis of 8, 9, 11-trihalo-5H-benzofuro[3,2-c]carbazol-10-ols	Tetrahedron Letters	58	42	3979	3983	2.26	https://doi.org/10.1016/j.tetlet.2017.09.009
648	Munusamy S., Muralidharan V.P., Iyer S.K.	Direct oxidative cascade cyclisation of 2-aminobenzoic acid and arylaldehydes to aryl 4H-3,1-benzoxazin-4-ones with oxone	Tetrahedron Letters	58	6	520	523	2.26	https://doi.org/10.1016/j.tetlet.2016.12.072
649	Rajesh kumar m., Alagumuthu m., Violet dhayabaran v., Rajesh kumar m., Alagumuthu m., Violet dhayabaran v	N-substituted hydroxynaphthalene imino-oxindole derivatives as new class of PI3-kinase inhibitor and breast cancer drug: Molecular validation and structure-activity relationship studies.	Chemical Biology and Drug Design	91	1	277	284	2.26	https://doi.org/10.1111/cbdd.13079
650	Mallu L., Thirumalai D., Asharani I.V.	One-pot cascade synthesis and in vitro evaluation of anti-inflammatory and antidiabetic activities of S-methylphenyl substituted acridine-1,8-diones	Chemical Biology and Drug Design	90	4	520	526	2.26	https://doi.org/10.1111/cbdd.12973
651	Francis M., Pahuja N., Shroff R., Gowda R., Matalia H., Shetty R., Remington Nelson E.J., Sinha Roy A.	Waveform analysis of deformation amplitude and deflection amplitude in normal, suspect, and keratoconic eyes	Journal of Cataract and Refractive Surgery	43	10	1271	1280	2.24	https://doi.org/10.1016/j.jcrs.2017.10.012
652	Singh N.A., Mandal A.K.A., Khan Z.A.	Fabrication of PLA-PEG Nanoparticles as Delivery Systems for Improved Stability and Controlled Release of Catechin	Journal of Nanomaterials	2017	-	-	-	2.23	https://doi.org/10.1155/2017/6907149
653	Elango N., Gupta N.S., Jiun Y.L., Golshahr A.	The effect of high loaded multiwall carbon nanotubes in natural rubber and their nonlinear material constants	Journal of Nanomaterials	2017	-	-	-	2.23	https://doi.org/10.1155/2017/6193961
654	Mohapatra A.K., Balakrishnan S.	Controller-independent bidirectional quantum direct communication	Quantum Information Processing	16	6	-	-	2.22	https://doi.org/10.1007/s11128-017-1598-7
655	Jeevan R.R., Murari B.M.	Engineering challenges and the future prospects of transcatheter mitral valve replacement technologies: a comprehensive review of case studies	Expert Review of Medical Devices	14	4	297	307	2.21	https://doi.org/10.1080/17434440.2017.1305267

656	Gowreesan S., Ruban Kumar A.	Effects of Mg2+ ion substitution on the structural and electric studies of spinel structure of Co1âËâ€ ââ,¬â„¢xMgxFe2O4	Journal of Materials Science: Materials in Electronics	28	6	4553	4564	2.2	https://doi.org/10.1007/s10854-016-6091-z
657	Kombaiah K., Vijaya J.J., Kennedy L.J., Bououdina M., Kaviyarasu K., Ramalingam R.J., Al-Lohedan H.A., Munusamy M.A.	A Green approach: synthesis, characterization and opto-magnetic properties of MgxMn1âËâ€ ââ,¬â„¢xFe2O4 spinel nanoparticles	Journal of Materials Science: Materials in Electronics	28	14	10321	10329	2.2	https://doi.org/10.1007/s10854-017-6800-2
658	Umarani P., Bhagavannarayana G., Kalainathan S., Jagannathan K.	Growth and characterization of alkali metal doped l-arginine acetate single crystals for higher harmonic generation	Journal of Materials Science: Materials in Electronics	28	5	4440	4448	2.2	https://doi.org/10.1007/s10854-016-6073-1
659	Gomathi R., Madeswaran S., Babu D.R.	Growth and characterization of cyclohexylaminium hydrogen phthalate hemihydrate nonlinear optical single crystals	Journal of Materials Science: Materials in Electronics	28	15	11374	11382	2.2	https://doi.org/10.1007/s10854-017-6931-5
660	Arunkumar R., Babu R.S., Usha Rani M.	Investigation on Al2O3 doped PVC-PBMA blend polymer electrolytes	Journal of Materials Science: Materials in Electronics	28	4	3309	3316	2.2	https://doi.org/10.1007/s10854-016-5924-0
661	Meher S.R., Kaushik D.K., Subrahmanyam A.	Native defects in solâââ€š¬ââ,¬Å“gel derived CdS buffer layers for photovoltaic applications	Journal of Materials Science: Materials in Electronics	28	8	6033	6046	2.2	https://doi.org/10.1007/s10854-016-6279-2
662	Deshmukh K., Ahamed M.B., Deshmukh R.R., Pasha S.K.K., Sadasivuni K.K., Polu A.R., Ponnamma D., AlMaadeed M.A.-A., Chidambaram K.	Newly developed biodegradable polymer nanocomposites of cellulose acetate and Al2O3 nanoparticles with enhanced dielectric performance for embedded passive applications	Journal of Materials Science: Materials in Electronics	28	1	973	986	2.2	https://doi.org/10.1007/s10854-016-5616-9
663	Karthik M., Parthibavarman M., Kumaresan A., Prabhakaran S., Hariharan V., Poonguzhali R., Sathishkumar S.	One-step microwave synthesis of pure and Mn doped WO3 nanoparticles and its structural, optical and electrochemical properties	Journal of Materials Science: Materials in Electronics	28	9	6635	6642	2.2	https://doi.org/10.1007/s10854-017-6354-3
664	Mohanapriya M.K., Deshmukh K., Chidambaram K., Ahamed M.B., Sadasivuni K.K., Ponnamma D., AlMaadeed M.A.-A., Deshmukh R.R., Pasha S.K.K.	Polyvinyl alcohol (PVA)/polystyrene sulfonic acid (PSSA)/carbon black nanocomposite for flexible energy storage device applications	Journal of Materials Science: Materials in Electronics	28	8	6099	6111	2.2	https://doi.org/10.1007/s10854-016-6287-2
665	Deshmukh K., Ahamed M.B., Deshmukh R.R., Pasha S.K.K., Sadasivuni K.K., Ponnamma D., AlMaadeed M.A.-A.	Striking multiple synergies in novel three-phase fluoropolymer nanocomposites by combining titanium dioxide and graphene oxide as hybrid fillers	Journal of Materials Science: Materials in Electronics	28	1	559	575	2.2	https://doi.org/10.1007/s10854-016-5559-1
666	Sumathi S., Lakshmipriya V.	Structural, magnetic, electrical and catalytic activity of copper and bismuth co-substituted cobalt ferrite nanoparticles	Journal of Materials Science: Materials in Electronics	28	3	2795	2802	2.2	https://doi.org/10.1007/s10854-016-5860-z
667	Kuppan M., Kaleemulla S., MadhusudhanaRao N., Krishnamoorthi C., Omkaram I., SreekanthaReddy D.	Structural, optical and room temperature ferromagnetic properties of Sn1-xFexO2 thin films using flash evaporation technique	Journal of Materials Science: Materials in Electronics	28	3	2976	2983	2.2	https://doi.org/10.1007/s10854-016-5883-5

668	Priyadharshini A., Kalainathan S.	Structural, optical, electrical properties of new hybrid organic-inorganic NLO single crystal: bis(1H-benzotriazole) hexaaqua-zinc bis(sulfate) tetrahydrate (BZS)	Journal of Materials Science: Materials in Electronics	28	7	5089	5101	2.2	https://doi.org/10.1007/s10854-016-6222-6
669	Chavan V., Anandraj J., Joshi G.M., Cuberes M.T.	Structure, morphology and electrical properties of graphene oxide: CuBiS reinforced polystyrene hybrid nanocomposites	Journal of Materials Science: Materials in Electronics	28	21	16415	16425	2.2	https://doi.org/10.1007/s10854-017-7552-8
670	Arthisree D., Joshi G.M.	Study of polymer Graphene Quantum Dot nanocomposites	Journal of Materials Science: Materials in Electronics	28	14	10516	10524	2.2	https://doi.org/10.1007/s10854-017-6825-6
671	Chakraborty D., Kaleemulla S., Rao N.M., Rao G.V.	Synthesis and magnetic properties of (Fe, Sn) co-doped In2O3 nanoparticles	Journal of Materials Science: Materials in Electronics	-	-	1	9	2.2	https://doi.org/10.1007/s10854-017-7851-0
672	Nivetha K., Kalainathan S., Yamada M., Kondo Y., Hamada F.	Synthesis, growth, and characterization of new stilbazolium derivative single crystal: 2-[2-(2,4-dimethoxy-phenyl)-vinyl]-1-ethyl-pyridinium iodide for third-order NLO applications	Journal of Materials Science: Materials in Electronics	28	7	5180	5191	2.2	https://doi.org/10.1007/s10854-016-6174-x
673	Nivetha K., Madhuri W., Kalainathan S.	Synthesis, growth, crystal structure and characterization of new stilbazolium derivative single crystal: (E)-4-(3-ethoxy-2-hydroxystyryl)-1-methyl pyridinium iodide (3ETSI)	Journal of Materials Science: Materials in Electronics	28	12	8937	8949	2.2	https://doi.org/10.1007/s10854-017-6624-0
674	Karthigha S., Krishnamoorthi C., Kalainathan S.	Synthesis, growth, structural, optical and third order nonlinear optical properties of new quinolinium derivative single crystal: 1-ethyl-2-[2-(3,4,5-trimethoxy-phenyl) vinyl]-quinolinium iodide	Journal of Materials Science: Materials in Electronics	28	18	13507	13520	2.2	https://doi.org/10.1007/s10854-017-7190-1
675	Priyadharshini A., Kalainathan S.	Synthesis, structure and characterization of new promising organic NLO crystal: thiosemicarbazide 4-hydroxybenzenesulfonate monohydrate (THBSM)	Journal of Materials Science: Materials in Electronics	28	10	7401	7412	2.2	https://doi.org/10.1007/s10854-017-6429-1
676	Saikia K.K., Haque S.U., Murugesan G., Kalainathan S.	Dielectric relaxation in CoFe2âËâ€ ââ,¬â„¢xYxO4 (x = 0.2, 0.4, 0.6) prepared by hydrothermal method	Journal of Materials Science: Materials in Electronics	28	9	6583	6591	2.2	https://doi.org/10.1007/s10854-017-6348-1
677	Nandan K.R., Kumar A.R.	Effect of Sr-doping on structure and electrical properties of (Ba1âËâ€ ââ,¬â„¢xSrxTi0.6Zr0.3Mn0.1O3) x = 0.1 and 0.2 synthesized by solid state reaction	Journal of Materials Science: Materials in Electronics	28	10	7221	7230	2.2	https://doi.org/10.1007/s10854-017-6403-y
678	Dondapati S., Trivedi M., Dondapati R.S., Chandra D.	Investigation on the mechanical stresses in a muffler mounting bracket using Root Cause Failure Analysis (RCFA), finite element analysis and experimental validation	Engineering Failure Analysis	81	-	145	154	2.2	https://doi.org/10.1016/j.engfailanal.2017.08.010
679	Muthumeenakshi R., Reshmi T.R., Murugan K.	Extended 3PAKE authentication scheme for value-added services in VANETs	Computers and Electrical Engineering	59	-	27	38	2.19	https://doi.org/10.1016/j.compeleceng.2017.03.011
680	Anand R.V., Dinakaran M.	Handling stakeholder conflict by agile requirement prioritization using Apriori technique	Computers and Electrical Engineering	61	-	126	136	2.19	https://doi.org/10.1016/j.compeleceng.2017.06.022

681	Sangaiah A.K., Nedjah N., Zhang Z.	Introduction to the special section on Recent Trends in Embedded Technologies and Wearable Systems: Computational Intelligence Solutions	Computers and Electrical Engineering	61	-	235	237	2.19	https://doi.org/10.1016/j.compeleceng.2017.07.012
682	Varatharajan R., Vasanth K., Gunasekaran M., Priyan M., Gao X.Z.	An adaptive decision based kriging interpolation algorithm for the removal of high density salt and pepper noise in images	Computers and Electrical Engineering	-	-	-	-	2.19	https://doi.org/10.1016/j.compeleceng.2017.05.035
683	Liao X., Yin J., Guo S., Li X., Sangaiah A.K.	Medical JPEG image steganography based on preserving inter-block dependencies	Computers and Electrical Engineering	-	-	-	-	2.19	https://doi.org/10.1016/j.compeleceng.2017.08.020
684	Srikanth K., Panwar L.K., Panigrahi B.K., Herrera-Viedma E., Sangaiah A.K., Wang G.-G.	Meta-heuristic framework: Quantum inspired binary grey wolf optimizer for unit commitment problem	Computers and Electrical Engineering	-	-	-	-	2.19	https://doi.org/10.1016/j.compeleceng.2017.07.023
685	Samuel O.W., Zhou H., Li X., Wang H., Zhang H., Sangaiah A.K., Li G.	Pattern recognition of electromyography signals based on novel time domain features for amputees' limb motion classification	Computers and Electrical Engineering	-	-	-	-	2.19	https://doi.org/10.1016/j.compeleceng.2017.04.003
686	Medhane D.V., Sangaiah A.K.	Search space-based multi-objective optimization evolutionary algorithm	Computers and Electrical Engineering	58	-	126	143	2.19	https://doi.org/10.1016/j.compeleceng.2017.01.025
687	Manimozhi M., Saravanakumar R.	Sensor and actuator bias estimation using multi model approach	Computers and Electrical Engineering	57	-	118	133	2.19	https://doi.org/10.1016/j.compeleceng.2016.11.003
688	VrablecovÃ¡ P., Bou Ezzeddine A., RozinajovÃ¡ V., Å Ã¡rik S., Sangaiah A.K.	Smart grid load forecasting using online support vector regression	Computers and Electrical Engineering	65	-	102	117	2.19	https://doi.org/10.1016/j.compeleceng.2017.07.006
689	Manogaran G., Lopez D.	Spatial cumulative sum algorithm with big data analytics for climate change detection	Computers and Electrical Engineering	65	-	207	221	2.19	https://doi.org/10.1016/j.compeleceng.2017.04.006
690	K M., K C., C S.	An energy efficient clustering scheme using multilevel routing for wireless sensor network	Computers and Electrical Engineering	69	-	642	652	2.19	https://doi.org/10.1016/j.compeleceng.2017.10.007
691	Li X., Peng J., Kumari S., Wu F., Karuppiah M., Raymond Choo K.-K.	An enhanced 1-round authentication protocol for wireless body area networks with user anonymity	Computers and Electrical Engineering	61	-	238	249	2.19	https://doi.org/10.1016/j.compeleceng.2017.02.011
692	Sangaiah A.K., Samuel O.W., Li X., Abdel-Basset M., Wang H.	Towards an efficient risk assessment in software projects-Fuzzy reinforcement paradigm	Computers and Electrical Engineering	-	-	-	-	2.19	https://doi.org/10.1016/j.compeleceng.2017.07.022
693	Miao Y., Ma J., Jiang Q., Li X., Sangaiah A.K.	Verifiable keyword search over encrypted cloud data in smart city	Computers and Electrical Engineering	65	-	90	101	2.19	https://doi.org/10.1016/j.compeleceng.2017.06.021
694	Kumar P.M., Devi Gandhi U.	A novel three-tier Internet of Things architecture with machine learning algorithm for early detection of heart diseases	Computers and Electrical Engineering	65	-	222	235	2.19	https://doi.org/10.1016/j.compeleceng.2017.09.001
695	V J., A R.	Adaptive threshold based selective weighted least square signal combining for LTE-A relay network	Computers and Electrical Engineering	-	-	-	-	2.19	https://doi.org/10.1016/j.compeleceng.2017.11.024
696	Kant S., Mahara T., Kumar Jain V., Kumar Jain D., Kumar Sangaiah A.	LeaderRank based k-means clustering initialization method for collaborative filtering	Computers and Electrical Engineering	69	-	598	609	2.19	https://doi.org/10.1016/j.compeleceng.2017.12.001
697	Jha V., R S., Shenoy P.D., K R V., Sangaiah A.K.	A novel sentiment aware dictionary for multi-domain sentiment classification	Computers and Electrical Engineering	69	-	585	597	2.19	https://doi.org/10.1016/j.compeleceng.2017.10.015
698	Rostami A.S., Badkoobe M., Mohanna F., Keshavarz H., Hosseinabadi A.A.R., Sangaiah A.K.	Survey on clustering in heterogeneous and homogeneous wireless sensor networks	Journal of Supercomputing	-	-	1	47	2.16	https://doi.org/10.1007/s11227-017-2128-1

699	Kumari S., Karuppiah M., Das A.K., Li X., Wu F., Kumar N.	A secure authentication scheme based on elliptic curve cryptography for IoT and cloud servers	Journal of Supercomputing	-	-	1	26	2.16	https://doi.org/10.1007/s11227-017-2048-0
700	Sumathi S., Kavipriya A.	Structural, optical and photocatalytic activity of cerium doped zinc aluminate	Solid State Sciences	65	-	52	60	2.16	https://doi.org/10.1016/j.solidstatesciences.2017.01.003
701	Devi C.N., Chandrasekharan A., Sundararaman S., Alex Z.C.	Automatic segmentation of infant brain MR images: With special reference to myelinated white matter	Biocybernetics and Biomedical Engineering	37	1	143	158	2.16	https://doi.org/10.1016/j.bbe.2016.11.004
702	Fatima S., Sen P., Sneha P., Priyadoss C.G.	Hydrophobic Interaction Between Domain I of Albumin and B Chain of Detemir May Support Myristate-Dependent Detemir-Albumin Binding	Applied Biochemistry and Biotechnology	182	2	870	870	2.14	https://doi.org/10.1007/s12010-016-2312-4
703	Senthilkumar B., Rajasekaran R.	In Silico Template Selection of Short Antimicrobial Peptide Viscotoxin for Improving Its Antimicrobial Efficiency in Development of Potential Therapeutic Drugs	Applied Biochemistry and Biotechnology	181	3	898	913	2.14	https://doi.org/10.1007/s12010-016-2257-7
704	K R., V S.	Discovery of Potent Neuraminidase Inhibitors Using a Combination of Pharmacophore-Based Virtual Screening and Molecular Simulation Approach	Applied Biochemistry and Biotechnology	-	-	1	20	2.14	https://doi.org/10.1007/s12010-017-2625-y
705	Dinesh M., Deepika S., HarishKumar R., Selvaraj C.I., Roopan S.M.	Evaluation of Octyl-Î²-D-Glucopyranoside (OGP) for Cytotoxic, Hemolytic, Thrombolytic, and Antibacterial Activity	Applied Biochemistry and Biotechnology	-	-	1	14	2.14	https://doi.org/10.1007/s12010-017-2661-7
706	Fatima, Sadaf; Sen, Priyankar; Sneha, P.; Priyadoss, C. George	Hydrophobic Interaction Between Domain I of Albumin and B Chain of Detemir May Support Myristate-Dependent Detemir-Albumin Binding (vol 182, pg 82, 2017)	APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY	182	2	870	870	2.14	https://doi.org/10.1007/s12010-016-2351-x
707	Zhang, Chao; Li, Deyu; Sangaiah, Arun Kumar; Broumi, Said	Merger and Acquisition Target Selection Based on Interval Neutrosophic Multigranulation Rough Sets over Two Universes	Symmetry	9	7	-	-	2.14	https://doi.org/10.3390/sym9070126
708	Dinesh Kumar S., Singaravelu G., Murugan K., Ajithkumar S., Sivashanmugam K., Nicoletti M., Benelli G.	Aegiceras corniculatum-Mediated Green Synthesis of Silver Nanoparticles: Biophysical Characterization and Cytotoxicity on Vero Cells	Journal of Cluster Science	28	1	277	285	2.13	https://doi.org/10.1007/s10876-016-1086-8
709	Haritha E., Roopan S.M., Madhavi G., Elango G., Al-Dhabi N.A., Arasu M.V.	Environmental Friendly Synthesis of Palladium Nanoparticles and its Photocatalytic Activity Against Diazo Dye to Sustain the Natural Source	Journal of Cluster Science	28	3	1225	1236	2.13	https://doi.org/10.1007/s10876-016-1136-2
710	Badma Priya D., Asharani I.V.	Size Dependent Catalytic Activity of Actinodaphne madraspatana Bedd Leaves Mediated Silver Nanoparticles	Journal of Cluster Science	28	4	1837	1856	2.13	https://doi.org/10.1007/s10876-017-1185-1
711	Senthilkumar B., Meshach Paul D., Srinivasan E., Rajasekaran R.	Structural Stability Among Hybrid Antimicrobial Peptide Cecropin A(1âââ€š¬ââ,¬Å“8)âââ€š¬ââ,¬Å“Magainin 2(1âââ€š¬ââ,¬Å“12) and Its Analogues: A Computational Approach	Journal of Cluster Science	28	5	2549	2563	2.13	https://doi.org/10.1007/s10876-017-1240-y

712	Anand K., Kaviyarasu K., Muniyasamy S., Roopan S.M., Gengan R.M., Chuturgoon A.A.	Bio-Synthesis of Silver Nanoparticles Using Agroforestry Residue and Their Catalytic Degradation for Sustainable Waste Management	Journal of Cluster Science	28	4	2279	2291	2.13	https://doi.org/10.1007/s10876-017-1212-2
713	Jayaprakash P., Sangeetha P., Peer Mohamed M., Vinitha G., Muthu S., Prakash M., Lydia Caroline M.	Growth and characterization of DL-Mandelic acid (C6H5CH(OH)CO2H) single crystal for third-order nonlinear optical applications	Journal of Molecular Structure	1148	-	314	321	2.12	https://doi.org/10.1016/j.molstruc.2017.07.049
714	Shalini D., Kalainathan S., Ambika V.R., Hema N., Jayalakshmi D.	Structural, spectral and birefringence studies of semiorganic nonlinear optical single crystal: Calcium5-sulfosalicylate	Journal of Molecular Structure	1148	-	364	370	2.12	https://doi.org/10.1016/j.molstruc.2017.07.050
715	Senthilkumar K., Thirumoorthy K., Vinitha G., Soni K., Bhuvanesh N.S.P., Palanisami N.	Synthesis and characterization of d10 metal complexes of 3-Me-5-FcPz: Structural, theoretical and third order nonlinear optical properties	Journal of Molecular Structure	1128	-	36	43	2.12	https://doi.org/10.1016/j.molstruc.2016.08.036
716	Murugavel S., Sundramoorthy S., Lakshmanan D., Subashini R., Pavan Kumar P.	Synthesis, crystal structure analysis, spectral (NMR, FT-IR, FT-Raman and UVâââ€š¬ââ,¬Å“Vis) investigations, molecular docking studies, antimicrobial studies and quantum chemical calculations of a novel 4-chloro-8-methoxyquinoline-2(1H)-one: An effective antim	Journal of Molecular Structure	1131	-	51	72	2.12	https://doi.org/10.1016/j.molstruc.2016.11.035
717	Chandrakala C., Sravanthi P., Raj Bharath S., Arockiasamy S., George Johnson M., Nagaraja K.S., Jeyaraj B.	Synthesis, structure, vapour pressure and deposition of ZnO thin film by plasma assisted MOCVD technique using a novel precursor bis[(pentylnitrilomethylidine)(pentylnitrilomethylidine-Î¼-phenalato)]dizinc(II)	Journal of Molecular Structure	1130	-	1	9	2.12	https://doi.org/10.1016/j.molstruc.2016.10.010
718	M nageshwari., C rathika thaya kumari., G vinitha., M peer mohamed., S sudha., M lydia caroline	Crystal growth, structural, spectral, thermal, dielectric, linear and nonlinear optical characteristics of a new organic acentric material: l-Methionine-Succinic acid (2/1)	Journal of Molecular Structure	1155	-	101	109	2.12	https://doi.org/10.1016/j.molstruc.2017.10.099
719	Chelli sai manohar., A manikandan., P sridhar., A sivakumar., B siva kumar., Sabbasani rajasekhara reddy	Drug repurposing of novel quinoline acetohydrazide derivatives as potent COX-2 inhibitors and anti-cancer agents	Journal of Molecular Structure	1154	-	437	444	2.12	https://doi.org/10.1016/j.molstruc.2017.10.075
720	George M.M., Kalaivani S., Sudhakar M.S.	A non-iterative multi-scale approach for intensity inhomogeneity correction in MRI	Magnetic Resonance Imaging	42	-	43	59	2.11	https://doi.org/10.1016/j.mri.2017.05.005
721	Subburam S., Selvakumar S., Geetha S.	High performance reversible data hiding scheme through multilevel histogram modification in lifting integer wavelet transform	Multimedia Tools and Applications	-	-	1	25	2.1	https://doi.org/10.1007/s11042-017-4622-0
722	Balakrishnan S.M., Sangaiah A.K.	Integrated QoUE and QoS approach for optimal service composition selection in internet of services (IoS)	Multimedia Tools and Applications	76	21	22889	22916	2.1	https://doi.org/10.1007/s11042-016-3837-9
723	Abdel-Basset M., Wang G.-G., Sangaiah A.K., Rushdy E.	Krill herd algorithm based on cuckoo search for solving engineering optimization problems	Multimedia Tools and Applications	-	-	1	24	2.1	https://doi.org/10.1007/s11042-017-4803-x
724	Hashem I.A.T., Anuar N.B., Marjani M., Gani A., Sangaiah A.K., Sakariyah A.K.	Multi-objective scheduling of MapReduce jobs in big data processing	Multimedia Tools and Applications	-	-	1	16	2.1	https://doi.org/10.1007/s11042-017-4685-y

725	Liao X., Guo S., Yin J., Wang H., Li X., Sangaiah A.K.	New cubic reference table based image steganography	Multimedia Tools and Applications	-	-	1	18	2.1	https://doi.org/10.1007/s11042-017-4946-9
726	Xiao X., Zhang S., Mercaldo F., Hu G., Sangaiah A.K.	Android malware detection based on system call sequences and LSTM	Multimedia Tools and Applications	-	-	1	21	2.1	https://doi.org/10.1007/s11042-017-5104-0
727	Anusudha K., Venkateswaran N., Valarmathi J.	Secured medical image watermarking with DNA codec	Multimedia Tools and Applications	76	2	2911	2932	2.1	https://doi.org/10.1007/s11042-015-3213-1
728	Adewole K.S., Anuar N.B., Kamsin A., Sangaiah A.K.	SMSAD: a framework for spam message and spam account detection	Multimedia Tools and Applications	-	-	1	36	2.1	https://doi.org/10.1007/s11042-017-5018-x
729	Chaudhary M., Kumar H., Kaushal S., Sangaiah A.K.	The case analysis on sentiment based ranking of nodes in social media space	Multimedia Tools and Applications	-	-	1	20	2.1	https://doi.org/10.1007/s11042-017-4700-3
730	Varatharajan R., Manogaran G., Priyan M.K., BalaÅÅ¸ V.E., Barna C.	Visual analysis of geospatial habitat suitability model based on inverse distance weighting with paired comparison analysis	Multimedia Tools and Applications	-	-	1	21	2.1	https://doi.org/10.1007/s11042-017-4768-9
731	Zheng H.-T., Wang Z., Ma N., Chen J., Xiao X., Sangaiah A.K.	Weakly-supervised image captioning based on rich contextual information	Multimedia Tools and Applications	-	-	1	17	2.1	https://doi.org/10.1007/s11042-017-5236-2
732	Kaur G., Kaur J., Aggarwal S., Singla C., Mahajan N., Kaushal S., Sangaiah A.K.	An optimized hardware calibration technique for transmission of real-time applications in VoIP network	Multimedia Tools and Applications	-	-	1	34	2.1	https://doi.org/10.1007/s11042-017-5203-y
733	Doshi N., Kumari S., Mishra D., Li X., Choo K.-K.R., Sangaiah A.K.	A password based authentication scheme for wireless multimedia systems	Multimedia Tools and Applications	-	-	1	26	2.1	https://doi.org/10.1007/s11042-017-4701-2
734	S. P.V., P. V. S. S. R. C.M.	A robust semi-blind watermarking for color images based on multiple decompositions	Multimedia Tools and Applications	76	24	25657	25657	2.1	https://doi.org/10.1007/s11042-017-4355-0
735	Irshad A., Sher M., Chaudhry S.A., Kumari S., Sangaiah A.K., Li X., Wu F.	A secure mutual authenticated key agreement of user with multiple servers for critical systems	Multimedia Tools and Applications	-	-	1	33	2.1	https://doi.org/10.1007/s11042-017-5078-y
736	Firdaus A., Anuar N.B., Razak M.F.A., Sangaiah A.K.	Bio-inspired computational paradigm for feature investigation and malware detection: interactive analytics	Multimedia Tools and Applications	-	-	1	37	2.1	https://doi.org/10.1007/s11042-017-4586-0
737	S. P.V., P. V. S. S. R. C.M.	Adaptive, robust and blind digital watermarking using Bhattacharyya distance and bit manipulation	Multimedia Tools and Applications	-	-	1	27	2.1	https://doi.org/10.1007/s11042-017-4476-5
738	Varatharajan R., Manogaran G., Priyan M.K.	A big data classification approach using LDA with an enhanced SVM method for ECG signals in cloud computing	Multimedia Tools and Applications	-	-	1	21	2.1	https://doi.org/10.1007/s11042-017-5318-1
739	Kar N.B., Babu K.S., Sangaiah A.K., Bakshi S.	Face expression recognition system based on ripplet transform type II and least square SVM	Multimedia Tools and Applications	-	-	1	24	2.1	https://doi.org/10.1007/s11042-017-5485-0
740	Vilvanathan S., Shanthakumar S.	Modeling of fixed-bed column studies for removal of cobalt ions from aqueous solution using Chrysanthemum indicum	Research on Chemical Intermediates	43	1	229	243	2.06	https://doi.org/10.1007/s11164-016-2617-5
741	Meena D.R., Rao R.N., Maiti B., Chanda K.	Novel Cu(I)-catalyzed one-pot multicomponent synthesis of the antiepileptic drug rufinamide	Research on Chemical Intermediates	43	8	4711	4717	2.06	https://doi.org/10.1007/s11164-017-2906-7
742	Khiratkar A.G., Balinge K.R., Bhansali K.J., Bhagat P.R.	Solvent-free synthesis of Î²-amino ketones using carboxyl-functionalized poly(ionic liquid) at room temperature	Research on Chemical Intermediates	44	2	787	798	2.06	https://doi.org/10.1007/s11164-017-3134-x

743	Jyothish Kumar L., Vijayakumar V.	A new class of arylsulfonamide-based 3-acetyl-2-methyl-4-phenylquinolines and in vitro evaluation of their antioxidant, antifungal, and antibacterial activities	Research on Chemical Intermediates	43	10	5691	5705	2.06	https://doi.org/10.1007/s11164-017-2956-x
744	Lakshmipathy R., Kesarla M.K., Nimmala A.R., Godavarthi S., Kukkambakam C.M., Gomez L.M., Sarada N.C.	ZnS nanoparticles capped with watermelon rind extract and their potential application in dye degradation	Research on Chemical Intermediates	43	3	1329	1339	2.06	https://doi.org/10.1007/s11164-016-2700-y
745	Padmaja R.D., Meena D.R., Maiti B., Chanda K.	[Cu(phen)(PPh3)2]NO3-catalyzed microwave-assisted green synthesis of 5-substituted 1H-tetrazoles	Research on Chemical Intermediates	-	-	1	10	2.06	https://doi.org/10.1007/s11164-017-3080-7
746	Aher S.B., Dubey V., Muskawar P.N., Thenmozhi K., Ghosh A.R., Bhagat P.R.	Cytotoxic behavior of binuclear silver N-heterocyclic carbenes in HCT 116 cells and influence of substitution on cytotoxicity	Research on Chemical Intermediates	43	8	4851	4862	2.06	https://doi.org/10.1007/s11164-017-2916-5
747	Suresh V., Sreejith S.	Generation dispatch of combined solar thermal systems using dragonfly algorithm	Computing	99	1	59	80	2.06	https://doi.org/10.1007/s00607-016-0514-9
748	Sanjeevi P., Viswanathan P.	NUTS scheduling approach for cloud data centers to optimize energy consumption	Computing	-	-	1	27	2.06	https://doi.org/10.1007/s00607-017-0559-4
749	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	Cell Journal	19	1	65	83	2.05	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5241519/
750	Subbareddy C.V., Subashini R., Sumathi S.	Synthesis of substituted 2H-chromenes by a three-component reaction as potential antioxidants	Molecular Diversity	-	-	1	8	2.03	https://doi.org/10.1007/s11030-017-9758-3
751	Lakshmi N.V., Tambe P.	EMI shielding effectiveness of graphene decorated with graphene quantum dots and silver nanoparticles reinforced PVDF nanocomposites	Composite Interfaces	24	9	861	882	2.03	https://doi.org/10.1080/09276440.2017.1302202
752	Lakshmi N.V., Tambe P., Sahu N.K.	Giant permittivity of three phase polymer nanocomposites obtained by modifying hybrid nanofillers with polyvinylpyrrolidone	Composite Interfaces	25	1	47	67	2.03	https://doi.org/10.1080/09276440.2017.1338876
753	Kulkarni H.B., Tambe P., M. Joshi G.	Influence of covalent and non-covalent modification of graphene on the mechanical, thermal and electrical properties of epoxy/graphene nanocomposites: a review	Composite Interfaces	-	-	1	34	2.03	https://doi.org/10.1080/09276440.2017.1361711
754	Kubade P., Tambe P.	Influence of surface modification of halloysite nanotubes and its localization in PP phase on mechanical and thermal properties of PP/ABS blends	Composite Interfaces	24	5	469	487	2.03	https://doi.org/10.1080/09276440.2016.1235442
755	Santhoshkumar S., Sivakumar S., Vimal S., Abdul Majeed S., Taju G., Haribabu P., Uma A., Sahul Hameed A.S.	Biochemical changes and tissue distribution of Enterocytozoon hepatopenaei (EHP) in naturally and experimentally EHP-infected whiteleg shrimp, Litopenaeus vannamei (Boone, 1931), in India	Journal of Fish Diseases	40	4	529	539	2.004	https://doi.org/10.1111/jfd.12530
756	Anjaneyulu U., Priyadarshini B., Nirmala Grace A., Vijayalakshmi U.	Fabrication and characterization of Ag doped hydroxyapatite-polyvinyl alcohol composite nanofibers and its in vitro biological evaluations for bone tissue engineering applications	Journal of Sol-Gel Science and Technology	81	3	750	761	1.99	https://doi.org/10.1007/s10971-016-4243-5

757	Nadgir M.M., Coffey A., Murari B.M.	Modified solâââ€š¬ââ,¬Å“gel processed silica matrix for gel electrophoresis applications	Journal of Sol-Gel Science and Technology	83	1	155	164	1.99	https://doi.org/10.1007/s10971-017-4401-4
758	Prasad K.D., Prasad B.S.R.V.	Biological pest control using cannibalistic predators and with provision of additional food: a theoretical study	Theoretical Ecology	-	-	1	21	1.99	https://doi.org/10.1007/s12080-017-0358-8
759	Devendranath Ramkumar K., Anirudh S., Singh S., Goyal S., Gupta S.K., George J.C., Arivazhagan N.	Effect of fillers on the microstructure, mechanical properties, and hot corrosion behavior of Nb stabilized austenitic stainless steel welds	Journal of Materials Research	32	3	582	598	1.98	https://doi.org/10.1557/jmr.2016.492
760	Sharma J., Bhar S., Devi C.S.	A review on interleukins: The key manipulators in rheumatoid arthritis	Modern Rheumatology	27	5	723	746	1.97	https://doi.org/10.1080/14397595.2016.1266071
761	Verma R., Chandy S., Jayaprakash N.S., Manoharan A., Vijayalakshmi M.A., Venkataraman K.	Diagnostic potential of monoclonal antibodies developed against C-terminal polypeptide of P. falciparum Histidine Rich Protein2 (PfHRP2) in malaria infected patients from India	Pathogens and Global Health	111	6	297	305	1.97	https://doi.org/10.1080/20477724.2017.1358846
762	Valliammai M., Sivabalan S.	Wide-band supercontinuum generation in mid-IR using polarization maintaining chalcogenide photonic quasi-crystal fiber	Applied Optics	56	16	4797	4806	1.97	https://doi.org/10.1364/AO.56.004797
763	Priyadarshini M., Machavaram V.R., Sivaramakrishna A., Arulmozhivarman P.	Detecting phase transitions in a CaCl2-H2O system at low temperatures using a fiber-optic Fresnel reflection sensor	Applied Optics	56	11	3229	3239	1.97	https://doi.org/10.1364/AO.56.003229
764	Ghosh S., Pillai R.H., Roy A., Anand Murali R., Vardhan V.	A simulation study of dust transport on an ancient amphitheatre: The Delphi example	Journal of Cultural Heritage	24	-	108	116	1.96	https://doi.org/10.1016/j.culher.2016.10.009
765	Thirumalini S., Ravi R., Rajesh M.	Experimental investigation on physical and mechanical properties of lime mortar: Effect of organic addition	Journal of Cultural Heritage	-	-	-	-	1.96	https://doi.org/10.1016/j.culher.2017.10.009
766	Mirunalini P., Aravindan C., Jaisakthi S.M.	Automatic stenosis detection using SVM from CTA projection images	Multimedia Systems	-	-	1	11	1.96	https://doi.org/10.1007/s00530-017-0578-1
767	Valliammai M., Senthilnathan K., Ramesh Babu P., Sivabalan S.	Influence of quasi-periodic cladding on single mode behavior in a leakage channel fiber: Towards the enhancement of modal discrimination and low bending loss of the LP01 mode	Optics Communications	389	-	239	246	1.96	https://doi.org/10.1016/j.optcom.2016.12.055
768	Ahmad H., Ismail M.A., Sathiyan S., Reduan S.A., Ruslan N.E., Lee C.S.J., Zulkifli M.Z., Thambiratnam K., Ismail M.F., Harun S.W.	S-band Q-switched fiber laser using MoSe2 saturable absorber	Optics Communications	382	-	93	98	1.96	https://doi.org/10.1016/j.optcom.2016.07.010
769	Aarthi G., Prabu K., Reddy G.R.	Aperture averaging effects on the average spectral efficiency of FSO links over turbulence channel with pointing errors	Optics Communications	385	-	136	142	1.96	https://doi.org/10.1016/j.optcom.2016.10.041
770	Prabu K., Charanya S., Jain M., Guha D.	BER analysis of SS-WDM based FSO system for Vellore weather conditions	Optics Communications	403	-	73	80	1.96	https://doi.org/10.1016/j.optcom.2017.07.012
771	Verma K., Kannan K., Shanthi V., Sethumadhavan R., Karthick V., Ramanathan K.	Exploring Î²-Tubulin Inhibitors from Plant Origin using Computational Approach	Phytochemical Analysis	28	3	230	241	1.96	https://doi.org/10.1002/pca.2665

772	Kar V.R., Panda S.K.	Large-amplitude vibration of functionally graded doubly-curved panels under heat conduction	AIAA Journal	55	12	4376	4386	1.95	https://doi.org/10.2514/1.J055878
773	Zackriya M.V., Kittur H.M.	Content Addressable Memory-Early Predict and Terminate Precharge of Match-Line	IEEE Transactions on Very Large Scale Integration (VLSI) Systems	25	1	385	387	1.95	https://doi.org/10.1109/TVLSI.2016.2576281
774	Rajangam B., Daniel D.K., Krastanov A.I.	Progress in enzyme inhibition based detection of pesticides	Engineering in Life Sciences	-	-	-	-	1.94	https://doi.org/10.1002/elsc.201700028
775	Jayasri, M. A.; Suthindhiran, K.	Effect of zinc and lead on the physiological and biochemical properties of aquatic plant Lemna minor: its potential role in phytoremediation	APPLIED WATER SCIENCE	7	3	1247	1253	1.93	https://doi.org/10.1007/s13201-015-0376-x
776	Feroskhan, M.; Ismail, Saleel	Evaluating the Influence of Biogas Flow Rate and Addition of Cerium Oxide Nanoparticles on the Performance of a Dual Fuel Engine Using Taguchi Method	NANO HYBRIDS AND COMPOSITES	17	-	179	193	1.93	https://doi.org/10.4028/www.scientific.net/NHC.17.179
777	S rangarajan., S verekar., Sk deshmukh., Jr bellare., Arun balakrishnan., Somesh sharma., Radhakrishnan vidya., Geetanjali chimote	Evaluation of anti-bacterial activity of silver nanoparticles synthesised by coprophilous fungus PM0651419	IET Nanobiotechnology	-	-	-	-	1.93	https://doi.org/10.1049/iet-nbt.2017.0037
778	Sengani M., Rajeswari D.	Gold nanosupplement in selective inhibition of methylglyoxal and key enzymes linked to diabetes	IET Nanobiotechnology	11	7	861	865	1.93	https://doi.org/10.1049/iet-nbt.2017.0032
779	Kulandaivelu K., Mandal A.K.A.	Improved bioavailability and pharmacokinetics of tea polyphenols by encapsulation into gelatin nanoparticles	IET Nanobiotechnology	11	4	469	476	1.93	https://doi.org/10.1049/iet-nbt.2016.0147
780	Chellappa M., Vijayalakshmi U.	In-situ fabrication of zirconium-titanium nano-composite and its coating on Ti-6Al-4V for biomedical applications	IET Nanobiotechnology	11	1	83	90	1.93	https://doi.org/10.1049/iet-nbt.2016.0047
781	Revathy T., Jacob J.J., Jayasri M.A., Suthindhiran K.	Microbial biofilm prevention on wound dressing by nanobiocoating using magnetosomes-coupled lemon grass extract	IET Nanobiotechnology	11	6	738	745	1.93	https://doi.org/10.1049/iet-nbt.2016.0236
782	Manohar P., Shanthini T., Ayyanar R., Bozdogan B., Wilson A., Tamhankar A.J., Nachimuthu R., Lopes B.S.	The distribution of carbapenem- And colistin-resistance in Gram-negative bacteria from the Tamil Nadu region in India	Journal of Medical Microbiology	66	7	874	883	1.93	https://doi.org/10.1099/jmm.0.000508
783	Sarang H., Rajani P., Vasanthakumari M.M., Kumara P.M., Siva R., Ravikanth G., Uma Shaanker R.	An endophytic fungus, Gibberella moniliformis from Lawsonia inermis L. produces lawsone, an orange-red pigment	International Journal of General and Molecular Microbiology	110	7	853	862	1.93	https://doi.org/10.1007/s10482-017-0858-y
784	Khapre A., Kumar S., Rajasekaran C.	Phytocapping: an alternate cover option for municipal solid waste landfills	Environmental Technology	-	-	1	8	1.92	https://doi.org/10.1080/09593330.2017.1414314
785	Suryanarayana G., Dhuli R.	Super-Resolution Image Reconstruction Using Dual-Mode Complex Diffusion-Based Shock Filter and Singular Value Decomposition	Circuits, Systems, and Signal Processing	36	8	3409	3425	1.92	https://doi.org/10.1007/s00034-016-0470-9

786	Kundu A., Pitchaimani J., Madhu V., Sakthivel P., Ganesamoorthy R., Anthony S.P.	Bay Functionalized Perylenediimide with Pyridine Positional Isomers: NIR Absorption and Selective Colorimetric/Fluorescent Sensing of Fe3+ and Al3+ Ions	Journal of Fluorescence	27	2	491	500	1.91	https://doi.org/10.1007/s10895-016-1976-z
787	Durairaj N., Kalainathan S., Kumar R.	Optical and laser damage threshold studies on 1, 3, 5-triphenylbenzene scintillator crystal grown by Sankaranarayanan-Ramasamy (SR) technique	Optik	140	-	900	907	1.91	https://doi.org/10.1016/j.ijleo.2017.05.036
788	Kombaiah K., Vijaya J.J., Kennedy L.J., Bououdina M.	Optical, magnetic and structural properties of ZnFe2O4 nanoparticles synthesized by conventional and microwave assisted combustion method: A comparative investigation	Optik	129	-	57	68	1.91	https://doi.org/10.1016/j.ijleo.2016.10.058
789	Kombaiah K., Vijaya J.J., Kennedy L.J., Bououdina M., Kaviyarasu K., Ramalingam R.J., Munusamy M.A., AlArfaj A.	Effect of Cd2+ concentration on ZnFe2O4 nanoparticles on the structural, optical and magnetic properties	Optik	135	-	190	199	1.91	https://doi.org/10.1016/j.ijleo.2017.01.066
790	Megalingam M., Hari Prakash N., Solomon I., Sarma A., Sarma B.	Irregular-regular mode oscillations inside plasma bubble and its fractal analysis in glow discharge magnetized plasma	Physics of Plasmas	24	4	-	-	1.91	https://doi.org/10.1063/1.4979891
791	Mitra V., Prakash N.H., Solomon I., Megalingam M., Sekar Iyengar A.N., Marwan N., Kurths J., Sarma A., Sarma B.	Mixed mode oscillations in presence of inverted fireball in an excitable DC glow discharge magnetized plasma	Physics of Plasmas	24	2	-	-	1.91	https://doi.org/10.1063/1.4976320
792	Singh A., Sen D.	MicroRNAs in Parkinsonâââ€š¬ââ€ž¢s disease	Experimental Brain Research	235	8	2359	2374	1.88	https://doi.org/10.1007/s00221-017-4989-1
793	Belgacem F.B.M., Silambarasan R.	A distinctive Sumudu treatment of trigonometric functions	Journal of Computational and Applied Mathematics	312	-	74	81	1.88	https://doi.org/10.1016/j.cam.2015.12.036
794	Reshmi, T. R.; Murugan, K.	Light Weight Cryptographic Address Generation (LW-CGA) Using System State Entropy Gathering for IPv6 Based MANETs	CHINA COMMUNICATIONS	14	9	114	126	1.88	https://ieeexplore.ieee.org/abstract/document/8068770
795	Arthy M., Phanikumar B.R.	Solidification/stabilization of tannery sludge with iron-based nanoparticles and nano-biocomposites	Environmental Earth Sciences	76	4	-	-	1.87	https://doi.org/10.1007/s12665-017-6478-z
796	Sangeetha P., Jayaprakash P., Nageshwari M., Rathika Thaya Kumari C., Sudha S., Prakash M., Vinitha G., Lydia Caroline M.	Growth and characterization of an efficient new NLO single crystal L-phenylalanine D-methionine for frequency conversion and optoelectronic applications	Physica B: Condensed Matter	525	-	164	174	1.87	https://doi.org/10.1016/j.physb.2017.08.037
797	Nageshwari M., Jayaprakash P., Kumari C.R.T., Vinitha G., Caroline M.L.	Growth, spectral, linear and nonlinear optical characteristics of an efficient semiorganic acentric crystal: L-valinium L-valine chloride	Physica B: Condensed Matter	511	-	1	9	1.87	https://doi.org/10.1016/j.physb.2017.01.027
798	Kumar K.C., Rao N.M., Kaleemulla S., Rao G.V.	Structural, optical and magnetic properties of Sn doped ZnS nano powders prepared by solid state reaction	Physica B: Condensed Matter	522	-	75	80	1.87	https://doi.org/10.1016/j.physb.2017.07.071
799	Aishwarya K., Vinitha G., Varma G.S., Asokan S., Manikandan N.	Synthesis and characterization of barium fluoride substituted zinc tellurite glasses	Physica B: Condensed Matter	526	-	84	88	1.87	https://doi.org/10.1016/j.physb.2017.09.039

800	Vishnu U.S., Sankarasubramanian J., Gunasekaran P., Rajendhran J.	Identification of OtpR regulated sRNAs in Brucella melitensis expressed under acidic stress and their roles in pathogenesis and metabolism	Comparative Immunology, Microbiology and Infectious Diseases	50	-	40	47	1.87	https://doi.org/10.1016/j.cimid.2016.11.007
801	Singh R.K., Kumar P., Mahalingam K.	Molecular genetics of human obesity: A comprehensive review	Comptes Rendus - Biologies	340	2	87	108	1.87	https://doi.org/10.1016/j.crvi.2016.11.007
802	Singh P., Talwar P.	Exploring putative inhibitors of Death Associated Protein Kinase 1 (DAPK1) via targeting Gly-Glu-Leu (GEL) and Pro-Glu-Asn (PEN) substrate recognition motifs	Journal of Molecular Graphics and Modelling	77	-	153	167	1.86	https://doi.org/10.1016/j.jmgm.2017.08.001
803	Srinivasan E., Rajasekaran R.	Probing the inhibitory activity of epigallocatechin-gallate on toxic aggregates of mutant (L84F) SOD1 protein through geometry based sampling and steered molecular dynamics	Journal of Molecular Graphics and Modelling	74	-	288	295	1.86	https://doi.org/10.1016/j.jmgm.2017.04.019
804	Vasavi C.S., Tamizhselvi R., Munusami P.	Drug Resistance Mechanism of L10F, L10F/N88S and L90M mutations in CRF01_AE HIV-1 protease: Molecular dynamics simulations and binding free energy calculations	Journal of Molecular Graphics and Modelling	75	-	390	402	1.86	https://doi.org/10.1016/j.jmgm.2017.06.007
805	Priyan M.K., Devi G.U.	Energy efficient node selection algorithm based on node performance index and random waypoint mobility model in internet of vehicles	Cluster Computing	-	-	1	15	1.85	https://doi.org/10.1007/s10586-017-0998-x
806	Sekar E.V., Anuradha J., Arya A., Balusamy B., Chang V.	A framework for smart traffic management using hybrid clustering techniques	Cluster Computing	-	-	1	16	1.85	https://doi.org/10.1007/s10586-017-0855-y
807	Manogaran G., Lopez D.	A Gaussian process based big data processing framework in cluster computing environment	Cluster Computing	-	-	1	16	1.85	https://doi.org/10.1007/s10586-017-0982-5
808	Varatharajan R., Manogaran G., Priyan M.K., Sundarasekar R.	Wearable sensor devices for early detection of Alzheimer disease using dynamic time warping algorithm	Cluster Computing	-	-	1	10	1.85	https://doi.org/10.1007/s10586-017-0977-2
809	Selvi M., Velvizhy P., Ganapathy S., Nehemiah H.K., Kannan A.	A rule based delay constrained energy efficient routing technique for wireless sensor networks	Cluster Computing	-	-	1	10	1.85	https://doi.org/10.1007/s10586-017-1191-y
810	Vijayakumar P., Azees M., Chang V., Deborah J., Balusamy B.	Computationally efficient privacy preserving authentication and key distribution techniques for vehicular ad hoc networks	Cluster Computing	20	3	2439	2450	1.85	https://doi.org/10.1007/s10586-017-0848-x
811	Praveen Kumar Reddy M., Rajasekhara Babu M.	A hybrid cluster head selection model for Internet of Things	Cluster Computing	-	-	1	13	1.85	https://doi.org/10.1007/s10586-017-1261-1
812	Nirmalraj S., Vigneswaran T.	Analog to information convertor using cascaded transform and Gaussian random matrix	Cluster Computing	-	-	1	8	1.85	https://doi.org/10.1007/s10586-017-1497-9
813	Kumar P.M., Gandhi U., Varatharajan R., Manogaran G., R. J., Vadivel T.	Intelligent face recognition and navigation system using neural learning for smart security in Internet of Things	Cluster Computing	-	-	1	12	1.85	https://doi.org/10.1007/s10586-017-1323-4
814	Jeeva S., Sivabalakrishnan M.	Twin background model for foreground detection in video sequence	Cluster Computing	-	-	1	10	1.85	https://doi.org/10.1007/s10586-017-1446-7
815	Chandirasekaran D., Jayabarathi T.	Cat swarm algorithm in wireless sensor networks for optimized cluster head selection: a real time approach	Cluster Computing	-	-	1	11	1.85	https://doi.org/10.1007/s10586-017-1392-4

816	Koteeswaran S., Malarvizhi N., Kannan E., Sasikala S., Geetha S.	Data mining application on aviation accident data for predicting topmost causes for accidents	Cluster Computing	-	-	1	21	1.85	https://doi.org/10.1007/s10586-017-1394-2
817	Sumathi A.C., Vidhyapriya R., Vivekanandan C., Sangaiah A.K.	Enhancing 4G Co-existence with Wi-Fi/IoT using cognitive radio	Cluster Computing	-	-	1	11	1.85	https://doi.org/10.1007/s10586-017-1383-5
818	Rajasekhar S., Maiti B., Balamurali M.M., Chanda K.	Synthesis and medicinal applications of benzimidazoles: An overview	Current Organic Synthesis	14	1	40	60	1.84	https://doi.org/10.2174/1570179413666160818151932
819	Saju B., Harikrishnan K., Joseph Jeya Anand S.	Modeling brand immunity: the moderating role of generational cohort membership	Journal of Brand Management	-	-	1	14	1.83	https://doi.org/10.1057/s41262-017-0063-3
820	Cuomo S., De Michele P., Piccialli F., Sangaiah A.K.	Reproducing dynamics related to an Internet of Things framework: A numerical and statistical approach	Journal of Parallel and Distributed Computing	-	-	-	-	1.82	https://doi.org/10.1016/j.jpdc.2017.06.020
821	Li X., Wu F., Kumari S., Xu L., Sangaiah A.K., Choo K.K.R.	A provably secure and anonymous message authentication scheme for smart grids	Journal of Parallel and Distributed Computing	-	-	-	-	1.82	https://doi.org/10.1016/j.jpdc.2017.11.008
822	Baig M.I., Anis M., Kalainathan S., Babu B., Muley G.G.	Laser induced optical and microscopic studies of salicylic acid influenced KH2PO4 crystal for photonic device applications	Materials Technology	32	9	560	568	1.82	https://doi.org/10.1080/10667857.2017.1321275
823	Anjaneyulu U., Priyadarshini B., Arul Xavier Stango S., Chellappa M., Geetha M., Vijayalakshmi U.	Preparation and characterisation of solâââ€š¬âå,¬Å“gel-derived hydroxyapatite nanoparticles and its coatings on medical grade Ti-6Al-4V alloy for biomedical applications	Materials Technology	32	13	800	814	1.82	https://doi.org/10.1080/10667857.2017.1364476
824	Muthuraja A., Kalainathan S.	A study on growth, optical, mechanical, and NLO properties of 2-Mercaptobenzimidazole, 2-Phenylbenzimidazole and 2-Hydroxy benzimidazole single crystals: a comparative investigation	Materials Technology	32	6	335	348	1.82	https://doi.org/10.1080/10667857.2016.1235080
825	Muruganandi G., Saravanan M., Vinitha G., Jessie Raj M.B., Sabari Girisun T.C.	Effect of reducing agents in tuning the third-order optical nonlinearity and optical limiting behavior of reduced graphene oxide	Chemical Physics	488-489	-	55	61	1.82	https://doi.org/10.1016/j.chemphys.2017.03.002
826	Bisoi M., Das M.K., Roy S., Patel D.K.	Large eddy simulation of three-dimensional plane turbulent free jet flow	European Journal of Mechanics, B/Fluids	65	-	423	439	1.81	https://doi.org/10.1016/j.euromechflu.2017.02.003
827	Manimaran M., Kannabiran K.	Actinomycetes-mediated biogenic synthesis of metal and metal oxide nanoparticles: progress and challenges	Letters in Applied Microbiology	64	6	401	408	1.81	https://doi.org/10.1111/lam.12730
828	Babu mr., Madhusudhana rao n., Mohan babu a	Effect of erbium ion concentration on structural and luminescence properties of lead borosilicate glasses for fiber amplifiers.	Luminescence : the journal of biological and chemical luminescence	33	1	71	78	1.8	https://doi.org/10.1002/bio.3374
829	A mohan ramireddy., J v ramana reddy., N sandeep., V sugunamma	Effect of Nonlinear Thermal Radiation on MHD Chemically Reacting Maxwell Fluid Flow Past a Linearly Stretching Sheet.	Applications and Applied Mathematics	12	1	259	274	1.8	http://www.pvamu.edu/mathematics/wp-content/uploads/sites/49/17_R924_AAM_Sugunamma_VS_071616_Posted_061217_pp_259_274.pdf

830	Andal, V.; Buvaneswari, G.	Effect of reducing agents in the conversion of Cu2O nanocolloid to Cu nanocolloid	Engineering Science and Technology, an International Journal	20	1	340	344	1.8	https://doi.org/10.1016/j.jestch.2016.09.003
831	Arthi M., Arulmozhivarman P.	Power-aware fuzzy based joint base station and relay station deployment scheme for green radio communication	Sustainable Computing: Informatics and Systems	13	-	1	14	1.8	https://doi.org/10.1016/j.suscom.2016.11.001
832	Kumar P., Kumari S., Sharma V., Sangaiah A.K., Wei J., Li X.	A certificateless aggregate signature scheme for healthcare wireless sensor network	Sustainable Computing: Informatics and Systems	18	-	80	89	1.8	https://doi.org/10.1016/j.suscom.2017.09.002
833	Arthi, Murugadass; Arulmozhivarman, Pachiyappan	Power-aware fuzzy based joint base station and relay station deployment scheme for green radio communication (vol 13, pg 1, 2017)	Sustainable Computing: Informatics and Systems	16	-	125	125	1.8	https://doi.org/10.1016/j.suscom.2017.06.004
834	Kharote, Akash Pravin; Ramachandran, Deivanathan	Processing and Assessment of Silver and Copper Wires for Thermoelectric Effect	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	6	3	N3001	N3005	1.8	https://doi.org/10.1149/2.0011703jss
835	Suthenthiraveerappa V., Gopalan V.	Elastic constants of tapered laminated woven jute/epoxy and woven aloe/epoxy composites under the influence of porosity	Journal of Reinforced Plastics and Composites	36	19	1453	1469	1.79	https://doi.org/10.1177/0731684417710108
836	M rajesh., Jeyaraj pitchaimani	Mechanical characterization of natural fiber intra-ply fabric polymer composites: Influence of chemical modifications	Journal of Reinforced Plastics and Composites	36	22	1651	1664	1.79	https://doi.org/10.1177/0731684417723084
837	Parameswari P., Rao K.A., Mano K., Aruna M., Vickram A., Rameshpathy M., Sridharan T.	Human sperm DNA damage inhibition and antioxidant activity of T. arjuna bark: an in vitro study	3 Biotech	7	3	-	-	1.79	https://doi.org/10.1007/s13205-017-0853-z
838	Dinesh S., Sudharsana S., Mohanapriya A., Itami T., Sudhakaran R.	Molecular docking and simulation studies of Phyllanthus amarus phytocompounds against structural and nucleocapsid proteins of white spot syndrome virus	3 Biotech	7	5	-	-	1.79	https://doi.org/10.1007/s13205-017-0938-8
839	Vidhyaparkavi A., Osborne J., Babu S.	Analysis of zntA gene in environmental Escherichia coli and additional implications on its role in zinc translocation	3 Biotech	7	1	-	-	1.79	https://doi.org/10.1007/s13205-017-0613-0
840	Kumar D., Parashar A., Chandrasekaran N., Mukherjee A.	The stability and fate of synthesized zero-valent iron nanoparticles in freshwater microcosm system	3 Biotech	7	3	-	-	1.79	https://doi.org/10.1007/s13205-017-0869-4
841	Revathy T., Jayasri M.A., Suthindhiran K.	Toxicity assessment of magnetosomes in different models	3 Biotech	7	2	-	-	1.79	https://doi.org/10.1007/s13205-017-0780-z
842	Srividhya M., Hridya H., Shanthi V., Ramanathan K.	Bioactive Amento flavone isolated from Cassia fistula L. leaves exhibits therapeutic efficacy	3 Biotech	7	1	-	-	1.79	https://doi.org/10.1007/s13205-017-0599-7
843	Gajendiran A., Abraham J.	Biomineralisation of fipronil and its major metabolite, fipronil sulfone, by Aspergillus glaucus strain AJAG1 with enzymes studies and bioformulation	3 Biotech	7	3	-	-	1.79	https://doi.org/10.1007/s13205-017-0820-8
844	Abraham, Jayanthi; Chauhan, Ritika	Profiling of red pigment produced by &ITStreptomyces &ITsp JAR6 and its bioactivity	3 Biotech	8	-	-	-	1.79	https://doi.org/10.1007/s13205-017-1044-7

845	Vishnu R., Kumar Y.B., Sinha P.R., Rao T.N., James Jebaseelan Samuel E., Kumar P.	Comparison of mixing layer heights determined using LiDAR, radiosonde, and numerical weather prediction model at a rural site in southern India	International Journal of Remote Sensing	38	22	6366	6385	1.782	https://doi.org/10.1080/01431161.2017.1354264
846	S gowreesan., A ruban kumar	Structural, magnetic, and electrical property of nanocrystalline perovskite structure of iron manganite (FeMnO3)	Applied Physics A: Materials Science and Processing	123	11	-	-	1.78	https://doi.org/10.1007/s00339-017-1302-x
847	Felix, Sathiyanathan; Kollu, Pratap; Jeong, Soon Kwan; Grace, Andrews Nirmala	A novel CuO-N-doped graphene nanocomposite-based hybrid electrode for the electrochemical detection of glucose	Applied Physics A: Materials Science and Processing	123	10	-	-	1.78	https://doi.org/10.1007/s00339-017-1217-6
848	Indumathi S.M., Khora S.S.	Toxicity assessment and screening of tetrodotoxin in the oblong blowfish (Takifugu oblongus) from the Tamil Nadu Coast of Bay of Bengal, India	Asian Pacific Journal of Tropical Medicine	10	3	278	284	1.77	https://doi.org/10.1016/j.apjtm.2017.03.007
849	Uma Anitha K.P.G., Mythili S.	Antioxidant and hepatoprotective potentials of novel endophytic fungus Achaetomium sp., from Euphorbia hirta	Asian Pacific Journal of Tropical Medicine	10	6	588	593	1.77	https://doi.org/10.1016/j.apjtm.2017.06.008
850	Ramchandran G., Nagawkar J., Ramaswamy K., Ghosh S., Goenka A., Verma A.	Assessing environmental impacts of aviation on connected cities using environmental vulnerability studies and fluid dynamics: an Indian case study	AI and Society	32	3	421	432	1.76	https://doi.org/10.1007/s00146-016-0650-y
851	Prasad G., Sathiyanathan P., Prabu A.A., Kim K.J.	Piezoelectric characteristics of electrospun PVDF as a function of phase-separation temperature and metal salt content	Macromolecular Research	-	-	1	8	1.76	https://doi.org/10.1007/s13233-017-5127-4
852	Kumar R.V.M.S.S.K., Varma S.V.K., Raju C.S.K., Ibrahim S.M., Lorenzini G., Lorenzini E.	Magnetohydrodynamic 3D slip flow in a suspension of carbon nanotubes over a slendering sheet with heat source/sink	Continuum Mechanics and Thermodynamics	29	3	835	851	1.76	https://doi.org/10.1007/s00161-017-0563-0
853	Raju C.S.K., Sekhar K.R., Ibrahim S.M., Lorenzini G., Viswanatha Reddy G., Lorenzini E.	Retraction Note to: Variable viscosity on unsteady dissipative Carreau fluid over a truncated cone filled with titanium alloy nanoparticles (Continuum Mech. Thermodyn. (2017) 29:699âââ€š¬ââ,¬Å“713, 10.1007/s00161-016-0552-8)	Continuum Mechanics and Thermodynamics	29	6	1417	1417	1.76	https://doi.org/10.1007/s00161-017-0576-8
854	Raju C.S.K., Sanjeevi P., Raju M.C., Ibrahim S.M., Lorenzini G., Lorenzini E.	The flow of magnetohydrodynamic Maxwell nanofluid over a cylinder with Cattaneoâââ€š¬ââ,¬Å“Christov heat flux model	Continuum Mechanics and Thermodynamics	29	6	1347	1363	1.76	https://doi.org/10.1007/s00161-017-0580-z
855	Raju C.S.K., Sekhar K.R., Ibrahim S.M., Lorenzini G., Viswanatha Reddy G., Lorenzini E.	Variable viscosity on unsteady dissipative Carreau fluid over a truncated cone filled with titanium alloy nanoparticles	Continuum Mechanics and Thermodynamics	29	3	699	713	1.76	https://doi.org/10.1007/s00161-016-0552-8
856	Raju, C. S. K.; Sekhar, K. R.; Ibrahim, S. M.; Lorenzini, G.; Reddy, G. Viswanatha; Lorenzini, E.	RETRACTION: Variable viscosity on unsteady dissipative Carreau fluid over a truncated cone filled with titanium alloy nanoparticles (Retraction of Vol 29, Pg 699, 2017)	Continuum Mechanics and Thermodynamics	29	6	1417	1417	1.76	https://doi.org/10.1007/s00161-017-0567-9
857	Sandeep N., Chamkha A.J., Animasaun I.L.	Numerical exploration of magnetohydrodynamic nanofluid flow suspended with magnetite nanoparticles	Journal of the Brazilian Society of Mechanical Sciences and Engineering	39	9	3635	3644	1.74	https://doi.org/10.1007/s40430-017-0866-x

858	Kalaimathi M., Venkatachalam G., Sivakumar M., Ayyappan S.	Experimental investigation on the suitability of ozonated electrolyte in travelling-wire electrochemical machining	Journal of the Brazilian Society of Mechanical Sciences and Engineering	39	11	4589	4599	1.74	https://doi.org/10.1007/s40430-017-0748-2
859	Li X., Sangaiah A.K., Kumari S., Wu F., Shen J., Khan M.K.	An efficient authentication and key agreement scheme with user anonymity for roaming service in smart city	Personal and Ubiquitous Computing	21	5	791	805	1.74	https://doi.org/10.1007/s00779-017-1054-9
860	Mishra P., Balaji A.P.B., Dhal P.K., Suresh Kumar R.S., Magdassi S., Margulis K., Tyagi B.K., Mukherjee A., Chandrasekaran N.	Stability of nano-sized permethrin in its colloidal state and its effect on the physiological and biochemical profile of Culex tritaeniorhynchus larvae	Bulletin of Entomological Research	-	-	1	13	1.721	https://doi.org/10.1017/S0007485317000165
861	Sreedharan V., Bhaskara Rao K.V.	Efficacy of protease inhibitor from marine Streptomyces sp. VITBVK2 against Leishmania donovani âââ€š¬ââ,¬Å“ An in vitro study	Experimental Parasitology	174	-	45	51	1.72	https://doi.org/10.1016/j.exppara.2017.02.007
862	Gandhi P.R., Jayaseelan C., Mary R.R., Mathivanan D., Suseem S.R.	Acaricidal, pediculicidal and larvicidal activity of synthesized ZnO nanoparticles using Momordica charantia leaf extract against blood feeding parasites	Experimental Parasitology	181	-	47	56	1.72	https://doi.org/10.1016/j.exppara.2017.07.007
863	Balan A.S.S., Kullarwar T., Vijayaraghavan L., Krishnamurthy R.	Computational fluid dynamics analysis of MQL spray parameters and their impact on superalloy grinding	Machining Science and Technology	21	4	603	616	1.72	https://doi.org/10.1080/10910344.2017.1365889
864	Sravanthi T.V., Sajitha Lulu S., Vino S., Jayasri M.A., Mohanapriya A., Manju S.L.	Synthesis, docking, and evaluation of novel thiazoles for potent antidiabetic activity	Medicinal Chemistry Research	26	6	1306	1315	1.72	https://doi.org/10.1007/s00044-017-1851-8
865	Das D., Gopakumar G., Brahmmananda Rao C.V.S., Sivaraman N., Sivaramakrishna A., Vijayakrishna K.	Extraction and coordination behavior of diphenyl hydrogen phosphine oxide towards actinides	Journal of Coordination Chemistry	-	-	1	15	1.69	https://doi.org/10.1080/00958972.2017.1387653
866	Prasanth V.G., Rathore R.S., Pathak M., Sathiyanarayanan K.I.	Fluorescent aluminum chelate complexes as modified precursors for nano-structured alumina	Journal of Coordination Chemistry	70	6	983	996	1.69	https://doi.org/10.1080/00958972.2017.1279280
867	Ganesamoorthy R., Vijayaraghavan R., Sakthivel P.	Perylene-Diimide Based Donorâââ€š¬ââ,¬Å“Acceptorâââ€š¬ââ,¬Å“Donor TypeSmall-Molecule Acceptors for Solution-ProcessableOrganic Solar Cells	Journal of Electronic Materials	46	12	6784	6794	1.68	https://doi.org/10.1007/s11664-017-5706-3
868	Deshmukh K., Ahamed M.B., Deshmukh R.R., Sadasivuni K.K., Ponnamma D., Pasha S.K.K., AlMaadeed M.A.-A., Polu A.R., Chidambaram K.	Eeonomer 200FÂ®: A High-Performance Nanofiller for Polymer Reinforcementâââ€š¬ââ,¬ÂInvestigation of the Structure, Morphology and Dielectric Properties of Polyvinyl Alcohol/Eeonomer-200FÂ® Nanocomposites for Embedded Capacitor Applications	Journal of Electronic Materials	46	4	2406	2418	1.68	https://doi.org/10.1007/s11664-017-5304-4
869	Mathivanan D., Gandhi P.R., Mary R.R., Suseem S.R.	Larvicidal and acaricidal efficacy of different solvent extracts of Andrographis echioides against blood-sucking parasites	Physiological and Molecular Plant Pathology	-	-	-	-	1.68	https://doi.org/10.1016/j.pmpp.2017.03.008
870	Boopathi M., Aramudhan M.	Dual-Stage Biometrics-Based Password Authentication Scheme Using Smart Cards	Cybernetics and Systems	48	5	415	435	1.68	https://doi.org/10.1080/01969722.2016.1262703

871	Chandra Babu Naidu K., Roopas Kiran S., Madhuri W.	Microwave Processed NiMgZn Ferrites for Electromagnetic Intereference Shielding Applications	IEEE Transactions on Magnetics	53	2	-	-	1.65	https://doi.org/10.1109/TMAG.2016.2625773
872	Nilamani S., Ramakrishnan V.N.	Gate and drain SEU sensitivity of sub-20-nm FinFET- and Junctionless FinFET-based 6T-SRAM circuits by 3D TCAD simulation	Journal of Computational Electronics	16	1	74	82	1.64	https://doi.org/10.1007/s10825-016-0950-y
873	Varma M.A., Thukral D., Jindal S.K.	Investigation of the influence of double-sided diaphragm on performance of capacitance and sensitivity of touch mode capacitive pressure sensor: numerical modeling and simulation forecasting	Journal of Computational Electronics	16	3	987	994	1.64	https://doi.org/10.1007/s10825-017-1033-4
874	Pown M., Lakshmi B.	Performance analysis of InAs- and GaSb-InAs-based independent gate tunnel field effect transistor RF mixers	Journal of Computational Electronics	16	3	676	684	1.64	https://doi.org/10.1007/s10825-017-1005-8
875	Sriram S.R., Bindu B.	Analytical model of hot carrier degradation in uniaxial strained triple-gate FinFET for circuit simulation	Journal of Computational Electronics	-	-	1	9	1.64	https://doi.org/10.1007/s10825-017-1083-7
876	Anandraj J., Joshi G.M.	Zirconia Sulphate Dispersed Polymer Composites for Electronic Applications	Journal of Inorganic and Organometallic Polymers and Materials	27	6	1835	1850	1.64	https://doi.org/10.1007/s10904-017-0649-y
877	Sreedhar K.C., Faruk M.N., Venkateswarlu B.	A genetic TDS and BUG with pseudo-identifier for privacy preservation over incremental data sets	Journal of Intelligent and Fuzzy Systems	32	4	2863	2873	1.64	https://doi.org/10.3233/JIFS-169229
878	Anbarasu K., Jayanthi S.	Designing and optimization of novel human LMTK3 inhibitors against breast cancerâââ€š¬ââ,¬Å“a computational approach	Journal of Receptors and Signal Transduction	37	1	51	59	1.63	https://doi.org/10.3109/10799893.2016.1155069
879	Vilvanathan S., Shanthakumar S.	Continuous biosorption of nickel from aqueous solution using Chrysanthemum indicum derived biochar in a fixed-bed column	Water Science and Technology	76	7	1895	1906	1.62	https://doi.org/10.2166/wst.2017.289
880	Jacob J.J., Sumana S., Jayasri M.A., Suthindhiran K.	Isolation, Characterization and Kinetics of Perchlorate Reducing Magnetospirillum Species	Geomicrobiology Journal	-	-	1	7	1.61	https://doi.org/10.1080/01490451.2017.1338796
881	Abraham J., Ghosh E., Mukherjee P., Gajendiran A.	Microbial degradation of low density polyethylene	Environmental Progress and Sustainable Energy	36	1	147	154	1.6	https://doi.org/10.1002/ep.12467
882	Velu S., Arthanareeswaran G., Lade H.	Removal of organic and inorganic substances from industry wastewaters using modified aluminosilicate-based polyethersulfone ultrafiltration membranes	Environmental Progress and Sustainable Energy	36	6	1612	1620	1.6	https://doi.org/10.1002/ep.12614
883	Ronald Aseer J., Sankaranarayanasamy K., Jayabalan P., Natarajan R., Priya Dasan K.	Thermal and die electric properties of chemically modified municipal solid waste and banana fiber reinforced polymer composites	Environmental Progress and Sustainable Energy	36	2	468	475	1.6	https://doi.org/10.1002/ep.12498
884	Vilvanathan S., Shanthakumar S.	Column adsorption studies on nickel and cobalt removal from aqueous solution using native and biochar form of Tectona grandis	Environmental Progress and Sustainable Energy	36	4	1030	1038	1.6	https://doi.org/10.1002/ep.12567
885	Sahithya K., Das D., Das N.	Adsorption coupled photocatalytic degradation of dichlorvos using LaNiMnO6 perovskite nanoparticles supported on polypropylene filter cloth and carboxymethyl cellulose microspheres	Environmental Progress and Sustainable Energy	36	1	180	191	1.6	https://doi.org/10.1002/ep.12494

886	Bagad M., Pande R., Dubey V., Ghosh A.R.	Survivability of freeze-dried probiotic Pediococcus pentosaceus strains GS4, GS17 and Lactobacillus gasseri (ATCC 19992) during storage with commonly used pharmaceutical excipients within a period of 120 days	Asian Pacific Journal of Tropical Biomedicine	-	-	-	-	1.59	https://doi.org/10.1016/j.apjtb.2017.09.005
887	Renu K., Abilash V.G., Tirupathi Pichiah P.B., Syeda T.A., Arunachalam S.	Adriamycin-induced cardiomyopathy can serve as a model for diabetic cardiomyopathy âââ€š¬ââ‚¬Å“ a hypothesis	Asian Pacific Journal of Tropical Biomedicine	7	11	1041	1045	1.59	https://doi.org/10.1016/j.apjtb.2017.09.021
888	R karthik., R menaka	Computer-aided detection and characterization of stroke lesionâ€“a short review on the current state-of-the art methods	The Imaging Science Journal	66	1	1	22	1.58	http://dx.doi.org/10.1080/13682199.2017.1370879
889	Dasgupta S.S., Rajamohan V.	Dynamic characterization of a flexible internally damped spinning shaft with constant eccentricity	Archive of Applied Mechanics	87	10	1769	1779	1.58	https://doi.org/10.1007/s00419-017-1285-2
890	Ranjan P., Kumar S.P., Kari V., Jha P.C.	Exploration of interaction zones of Î²-tubulin colchicine binding domain of helminths and binding mechanism of anthelmintics	Computational Biology and Chemistry	68	-	78	91	1.58	https://doi.org/10.1016/j.compbiolchem.2017.02.008
891	Malathi K., Anbarasu A., Ramaiah S.	Exploring the resistance mechanism of imipenem in carbapenem hydrolysing class D beta-lactamases OXA-143 and its variant OXA-231 (D224A) expressing Acinetobacter baumannii: An in-silico approach	Computational Biology and Chemistry	67	-	1	8	1.58	https://doi.org/10.1016/j.compbiolchem.2016.12.001
892	Koteswara Reddy G., Nagamalleswara Rao K., Yarrakula K.	Insights into structure and function of 30S Ribosomal Protein S2 (30S2) in Chlamydophila pneumoniae: A potent target of pneumonia	Computational Biology and Chemistry	66	-	11	20	1.58	https://doi.org/10.1016/j.compbiolchem.2016.10.014
893	Singh R.K., Mahalingam K.	In silico approach to identify non-synonymous SNPs in human obesity related gene, MC3R (melanocortin-3-receptor)	Computational Biology and Chemistry	67	-	122	130	1.58	https://doi.org/10.1016/j.compbiolchem.2016.12.009
894	Dhivya R., Ezhil Vizhi R., Rajan Babu D.	Investigation on nucleation kinetics, growth and characterization of urea oxalic acid-ferroelectric single crystal	Journal of Crystal Growth	468	-	84	87	1.57	https://doi.org/10.1016/j.jcrysgro.2016.12.045
895	Manohar A., Krishnamoorthi C.	Site selective Cu2+ substitution in single crystal Fe3O4 biocompatible nanospheres by solvothermal reflux method	Journal of Crystal Growth	473	-	66	74	1.57	https://doi.org/10.1016/j.jcrysgro.2017.05.013
896	Muthuraja A., Kalainathan S.	Study on growth, structural, optical, thermal and mechanical properties of organic single crystal ethyl p-amino benzoate (EPAB) grown using vertical Bridgman technique	Journal of Crystal Growth	459	-	31	37	1.57	https://doi.org/10.1016/j.jcrysgro.2016.11.070
897	Rajan Babu D., Venkatesan K.	Synthesis of nanophasic CoFe2O4 powder by self-igniting solution combustion method using mix up fuels	Journal of Crystal Growth	468	-	179	184	1.57	https://doi.org/10.1016/j.jcrysgro.2016.11.054
898	Krishnagopal A., Reddy A., Sen D.	Stent-mediated gene and drug delivery for cardiovascular disease and cancer: A brief insight	Journal of Gene Medicine	19	5	-	-	1.56	https://doi.org/10.1002/jgm.2954
899	Khan I., Ansari I.A., Singh P., Dass F.P.	Prediction of functionally significant single nucleotide polymorphisms in PTEN tumor suppressor gene: An in silico approach	Biotechnology and Applied Biochemistry	64	5	657	666	1.56	https://doi.org/10.1002/bab.1483

900	Kamatchi R.	Experimental investigations on nucleate boiling heat transfer of aqua based reduced graphene oxide nanofluids	Heat and Mass Transfer/Waerme- und Stoffuebertragung	54	2	437	451	1.55	https://doi.org/10.1007/s00231-017-2135-z
901	Mohan Krishna P., Sharma R.P., Sandeep N.	Boundary layer analysis of persistent moving horizontal needle in Blasius and Sakiadis magnetohydrodynamic radiative nanofluid flows	Nuclear Engineering and Technology	-	-	-	-	1.55	https://doi.org/10.1016/j.net.2017.07.023
902	Ramalingam I., Annamalai S.R., Vaithiyanathan S.	Fault diagnosis of wind turbine bearing using wireless sensor networks	Thermal Science	21	-	523	531	1.54	https://doi.org/10.2298/TSCI17S2523R
903	Singh, Ashmeet; Sharma, Pranav; Shalini, L.	Suspicious Defaulter Forecasting Using Machine Learning Classifiers	HELIX	7	5	1984	1987	1.53	http://helix.dnares.in/2017/12/18/suspicious-defaulter-forecasting-using-machine-learning-classifiers/
904	Gupta D., Nagesh K., Narayan K.S., Kabra D.	Photocurrent imaging of phase segregation in a ternary polymer blend induced via a non-solvent route	Journal of Polymer Research	24	2	-	-	1.53	https://doi.org/10.1007/s10965-017-1187-6
905	Deshmukh K., Ahamed M.B., Sadasivuni K.K., Ponnamma D., Deshmukh R.R., Trimukhe A.M., Pasha S.K.K., Polu A.R., AlMaadeed M.A.-A., Chidambaram K.	Solution-processed white graphene-reinforced ferroelectric polymer nanocomposites with improved thermal conductivity and dielectric properties for electronic encapsulation	Journal of Polymer Research	24	2	-	-	1.53	https://doi.org/10.1007/s10965-017-1189-4
906	Kavitha C., Denis Ashok S.	A new approach to spindle radial error evaluation using a machine vision system	Metrology and Measurement Systems	24	1	201	219	1.523	https://doi.org/10.1515/mms-2017-0018
907	R sivashankari., B valarmathi	NLP-MTFLR: Document-Level Prioritization and Identification of Dominant Multi-word Named Products in Customer Reviews	Arabian Journal for Science and Engineering	-	-	1	13	1.52	https://doi.org/10.1007/s13369-017-2773-y
908	Rajkumar soundrapandiyan., P v s s r chandra mouli	An Approach to Adaptive Pedestrian Detection and Classification in Infrared Images Based on Human Visual Mechanism and Support Vector Machine	Arabian Journal for Science and Engineering	-	-	1	13	1.52	https://link.springer.com/article/10.1007/s13369-017-2642-8
909	Priya dharsini P., Dhanasekaran D., Gopinath P.M., Ramanathan K., Shanthi V., Chandraleka S., Biswas B.	Spectroscopic Identification and Molecular Modeling of Diethyl 7-hydroxytrideca-2, 5, 8, 11-tetraenedioate: a Herbicidal Compound from Streptomyces sp.	Arabian Journal for Science and Engineering	42	6	2217	2227	1.52	https://doi.org/10.1007/s13369-016-2401-2
910	C s k raju., R v m s s kiran kumar., S v k varma., A g madaki., P durga prasad	Transpiration Effects on MHD Flow Over a Stretched Cylinder with Cattaneoâ€“Christov Heat Flux with Suction or Injection	Arabian Journal for Science and Engineering	43	5	2273	2280	1.52	https://doi.org/10.1007/s13369-017-2687-8
911	R. Rathi., D. P. Acharjya	A Framework for Prediction Using Rough Set and Real Coded Genetic Algorithm	Arabian Journal for Science and Engineering	-	-	1	13	1.52	https://link.springer.com/article/10.1007/s13369-017-2838-y
912	Poddar S., Narkhede P., Kumar V., Kumar A.	PSO Aided Adaptive Complementary Filter for Attitude Estimation	Journal of Intelligent and Robotic Systems: Theory and Applications	87	#####	531	543	1.51	https://doi.org/10.1007/s10846-017-0507-8

913	Saranya S., Nair A., Ravi Sankar A.	Experimental investigations on the electrical and 2D-machining characteristics of an electrochemical discharge machining (ECDM) process	Microsystem Technologies	23	5	1453	1461	1.51	https://doi.org/10.1007/s00542-016-3027-8
914	Prabakaran N., Kannan R.J.	Sustainable life-span of WSN nodes using participatory devices in pervasive environment	Microsystem Technologies	23	3	651	657	1.51	https://doi.org/10.1007/s00542-016-3117-7
915	Vetrivel S., Mathew R., Sankar A.R.	Design and optimization of a doubly clamped piezoresistive acceleration sensor with an integrated silicon nanowire piezoresistor	Microsystem Technologies	23	8	3525	3536	1.51	https://doi.org/10.1007/s00542-016-3219-2
916	Kannan, Padmanathan Karthick; Dinesh, Bose; An, Chang Yong; Chung, Chan-Hwa	A Facile Electrochemical Preparation of Violarite (Ni2FeS4) Nanosheets on Carbon Sheet and its Application towards Non-Enzymatic Glucose Sensing	CHEMISTRYSELECT	2	5	1967	1973	1.505	https://doi.org/10.1002/slct.201601951
917	Bagavathi, Muniyandi; Dinesh, Bose; Saraswathi, Ramiah	A Facile One-Step Electrophoretic Deposition of Co-Ni-Layered Double Hydroxide Nanosheets for a High Performance Supercapacitor	CHEMISTRYSELECT	2	28	8799	8806	1.505	https://doi.org/10.1002/slct.201701545
918	Naidu, Shivaji; Reddy, Sabbasani Rajasekhara	A Green and Recyclable Copper and Ionic Liquid Catalytic System for the Construction of Poly-heterocyclic Compounds via One-pot Tandem Coupling Reaction	CHEMISTRYSELECT	2	3	1196	1201	1.505	https://doi.org/10.1002/slct.201601872
919	Chhabra, Mohit; Babu, Lavanya Thilak; Mondal, Ashaparna; Sun, Hongyan; Paira, Priyankar	Amberlite IRA 402(OH) Mediated Green Synthesis of Novel Benzothiazole-quinoline Conjugates as Cancer Theranostics	CHEMISTRYSELECT	2	8	2480	2486	1.505	https://doi.org/10.1002/slct.201700066
920	Reddy, Sirigireddy Sudharsan; Reddy, Bijivemula N.; Reddy, Peddiahgari Vasu Govardhana; Reddy, Gajulapalli Vishwakshan; Sarma, Loka Subramanyam	Mild and Efficient Synthesis of 5-(2,2-difluoro-1-phenyl cyclopropyl)-N-substituted-1,3,4-oxadiazol-2-amines via Graphene Oxide as Catalyst under Ultrasonic Irradiation Conditions	CHEMISTRYSELECT	2	1	356	363	1.505	https://doi.org/10.1002/slct.201601413
921	Bothra, Shilpa; Paira, Priyankar; Kumar, Ashok S. K.; Kumar, Rajender; Sahoo, Suban K.	Vitamin B-6 Cofactor-Conjugated Polyethyleneimine-Passivated Silver Nanoclusters for Fluorescent Sensing of Zn2+ and Cd2+ Using Chemically Modified Cellulose Strips	CHEMISTRYSELECT	2	21	6023	6029	1.505	https://doi.org/10.1002/slct.201701074
922	Anand, Thangaraj; Kumar, Ashok S. K.; Sahoo, Suban K.	Vitamin B-6 Cofactor Derivative: A Dual Fluorescent Turn-On Sensor to Detect Zn2+ and CN- Ions and Its Application in Live Cell Imaging	CHEMISTRYSELECT	2	25	7570	7579	1.505	https://doi.org/10.1002/slct.201701024
923	Muralidhar, Baitinti; Reddy, Sabbasani Rajasekhara	Zn(II) Chloride Promoted Benzannulation Strategy for One-Pot Regioselective Synthesis of 6H-Benzo[c]chromenes	CHEMISTRYSELECT	2	8	2539	2543	1.505	https://doi.org/10.1002/slct.201700311
924	Sravani, Chinduluri; Sivaramakrishna, Akella	Benzothiazole-Based Sensors for Protons and Chromium (III) ions	CHEMISTRYSELECT	2	20	5688	5694	1.505	https://doi.org/10.1002/slct.201700820
925	Panneerselvam, Theivendren; Arumugam, Subramanian; Ali, Mohamed Ashraf; Selvaraj, Kunjiappan; Indhumathy, Murugan; Sivakumar, Arumugam; Joshi, Shrinivas D.	Design, Network Analysis, In Silico Modeling and Synthesis of Benzimidazoles Nanocomposites as Anticancer Agent	CHEMISTRYSELECT	2	7	2341	2347	1.505	https://doi.org/10.1002/slct.201601763

926	Sridhar, P.; Alagumuthu, Manikandan; Ram, B.; Arumugam, Sivakumar; Reddy, Sabbasani Rajasekhara	Drugs Against Neurodegenerative Diseases: Design and Synthesis of 6-Amino-substituted Imidazo[1,2-b]pyridazines as Acetylcholinesterase Inhibitors	CHEMISTRYSELECT	2	2	842	847	1.505	https://doi.org/10.1002/slct.201601353
927	Johnson M.G., Raj Bharath S., Arockiasamy S., Maiyalagan T., Selvakumar J., Nagaraja K.S.	Development and vapour pressure of metallo-organic precursors of copper for the deposition of copper thin films by a plasma-assisted MOCVD	Inorganic and Nano-Metal Chemistry	47	12	1635	1642	1.5	https://doi.org/10.1080/24701556.2017.1357591
928	Subramaniam J., Kannan R.J., Ebenezer D.	Parallel and Pipelined 2D Median Filter Architecture	IEEE Embedded Systems Letters	Early Access	Early Access	1	1	1.5	https://doi.org/10.1109/LES.2017.2771453
929	Gopi P., Sarveswari S.	Effective water mediated green synthesis of polysubstituted quinolines without energy expenditure	Monatshefte fur Chemie	148	6	1043	1049	1.5	https://doi.org/10.1007/s00706-016-1826-3
930	Muthuraj R., Lourdu Immaculate D., Srinivas S.	Mhd couette flow of powell-eyring fluid in an inclined porous space in the presence of a temperature-dependent heat source with chemical reaction	Journal of Porous Media	20	6	559	575	1.49	https://doi.org/10.1615/JPorMedia.v20.i6.60
931	Malathy T., Srinivas S., Reddy A.S.	Chemical reaction and radiation effects on mhd pulsatile flow of an oldroyd-b fluid in a porous medium with slip and convective boundary conditions	Journal of Porous Media	20	4	287	301	1.49	https://doi.org/10.1615/JPorMedia.v20.i4.10
932	Sudhagar, Palani; Kameswaran, Peri K.; Kumar, B. Rushi	Magnetohydrodynamics Mixed Convection Flow of a Nanofluid in an Isothermal Vertical Cone	Journal of Heat Transfer	139	3	-	-	1.48	-
933	Ramkumar K.D., Bhalodi A.J., Ashokbhai H.J., Balaji A., Aravind S., Aravind K.M., Varma V.	Effect of Mo-rich Fillers in Pulsed Current Gas Tungsten Arc Welding of Inconel 718 for Improved Strength and Hot Corrosion Resistance	Journal of Materials Engineering and Performance	-	-	1	21	1.48	https://doi.org/10.1007/s11665-017-3009-8
934	Nagaraju S., Vasantharaja P., Brahadees G., Vasudevan M., Mahadevan S.	Effect of Welding Processes on the Microstructure, Mechanical Properties and Residual Stresses of Plain 9Cr-1Mo Steel Weld Joints	Journal of Materials Engineering and Performance	26	12	5938	5953	1.48	https://doi.org/10.1007/s11665-017-3077-9
935	Paul S., Vijayakumar R., Mathew L., Sivarasu S.	Finite element modelâââ€š¬ââ‚¬Å“based evaluation of tissue stress variations to fabricate corrective orthosis in feet with neutral subtalar joint	Prosthetics and Orthotics International	41	2	157	163	1.48	https://doi.org/10.1177/0309364616631344
936	Kesavan K., Mani R., Toshiaki I., Sudhakaran R.	Quick report on prevalence of shrimp microsporidian parasite Enterocytozoon hepatopenaei in India	Aquaculture Research	48	7	3980	3984	1.475	https://doi.org/10.1111/are.13078
937	Jaiswal A.K., Chhabra H., Narwane S., Rege N., Bellare J.R.	Hemostatic Efficacy of Nanofibrous Matrix in Rat Liver Injury Model	Surgical innovation	24	1	23	28	1.47	https://doi.org/10.1177/1553350616675799
938	Shankar A., Jaisankar N.	Dynamicity of the scout bee phase for an Artificial Bee Colony for optimized cluster head and network parameters for energy efficient sensor routing	Simulation	-	-	-	-	1.46	https://doi.org/10.1177/0037549717742953
939	Saravani N., Arulmozhi M., Anbuthangam A., Manimozhi M.	Abstraction of phenol onto Pseudomonas putida and Cetyl Trimethyl ammonium bromide	Cellular and Molecular Biology	63	6	29	37	1.46	https://doi.org/10.14715/cmb/2017.63.6.7
940	Ranjan S., Dasgupta N., Walia N., Thara Chand C., Ramalingam C.	Microwave Blanching: An Emerging Trend in Food Engineering and its Effects on Capsicum annuum L	Journal of Food Process Engineering	40	2	-	-	1.45	https://doi.org/10.1111/jfpe.12411

941	Iyyappa Rajan P., Judith Vijaya J., Jesudoss S.K., Kaviyarasu K., John Kennedy L., Jothiramalingam R., Al-Lohedan H.A., Vaali-Mohammed M.-A.	Green-fuel-mediated synthesis of self-assembled NiO nano-sticks for dual applications-photocatalytic activity on Rose Bengal dye and antimicrobial action on bacterial strains	Materials Research Express	4	8	-	-	1.45	https://doi.org/10.1088/2053-1591/aa7e3c
942	Rasal Y.B., Shaikh R.N., Shirsat M.D., Kalainathan S., Hussaini S.S.	Influence of bis-thiourea nickel nitrate on the structural, optical, electrical, thermal and mechanical behavior of a KDP single crystal for NLO applications	Materials Research Express	4	3	-	-	1.45	https://doi.org/10.1088/2053-1591/aa5a66
943	Arthisree D., Joshi G.M.	Influence of graphene quantum dots on electrical properties of polymer composites	Materials Research Express	4	7	-	-	1.45	https://doi.org/10.1088/2053-1591/aa7a75
944	S yuvaraj., N manikandan., G vinitha	Investigation on the behavioral difference in third order nonlinearity and optical limiting of Mn 0.55 Cu 0.45 Fe 2 O 4 nanoparticles annealed at different temperatures	Materials Research Express	-	-	-	-	1.45	https://doi.org/10.1088/2053-1591/aa97eb
945	Santhosh Raj S., Ghosh N., Navamathavan R.	Synthesis and physical properties of oxygen adsorbed YbFe2As2	Materials Research Express	4	8	-	-	1.45	https://doi.org/10.1088/2053-1591/aa8510038
946	A saranraj., S sahaya jude dhas., G vinitha., S a martin britto dhas	Third harmonic generation and thermo-physical properties of benzophenone single crystal for photonic applications	Materials Research Express	4	10	-	-	1.45	https://doi.org/10.1088/2053-1591/aa8b7b
947	Venkatesh K., Reddy L.V.K., Abbas S., Mullick M., Moghal E.T.B., Balakrishna J.P., Sen D.	NOTCH Signaling Is Essential for Maturation, Self-Renewal, and Tri-Differentiation of in Vitro Derived Human Neural Stem Cells	Cellular Reprogramming	19	6	372	383	1.45	https://doi.org/10.1089/cell.2017.0009
948	Mitra V., Solomon I., Prakash N.H., Sarma A., Sarma B.	Complexity and onset of chaos control in a DC glow discharge magnetized plasma using all pass filter	Chaos, Solitons and Fractals	103	-	613	621	1.45	https://doi.org/10.1016/j.chaos.2017.07.017
949	Maveeran M., Alagesan T., Babu P.R., Senthilnathan K.	Supercontinuum generation in low dispersion and highly nonlinear hexagonal photonic crystal fibers	Journal of Nanophotonics	11	3	-	-	1.43	https://doi.org/10.1117/1.JNP.11.036012
950	Murali G., Gayathri R., Ramkumar V.R., Karthikeyan K.	Two statistical scrutinize of impact strength and strength reliability of steel Fibre-Reinforced Concrete	KSCE Journal of Civil Engineering	-	-	1	13	1.43	https://doi.org/10.1007/s12205-017-1554-1
951	Murali G., Venkatesh J., Lokesh N., Nava T.R., Karthikeyan K.	Comparative experimental and analytical modeling of impact energy dissipation of ultra-high performance fibre reinforced concrete	KSCE Journal of Civil Engineering	-	-	1	8	1.43	https://doi.org/10.1007/s12205-017-1678-3
952	Narayanan S., Judith Vijaya J., Sivasanker S., Sankaranarayanan T.M., Ragupathi C., John Kennedy L., Jothiramalingam R., Alâââ€š¬ÂÂLohedan H.A., Tawfeek A.M.	Catalytic conversion of polyols (sorbitol and xylitol) to hydrocarbons over hierarchical ZSM-5 zeolite catalysts in a fixed bed reactor	Reaction Kinetics, Mechanisms and Catalysis	122	1	247	257	1.43	https://doi.org/10.1007/s11144-017-1212-0
953	Sharad, Paramane Ashish; Kumar, K. Sathish	Application of surface-modified XLPE nanocomposites for electrical insulation-partial discharge and morphological study	NANOCOMPOSITES	3	1	30	41	1.42	-
954	Prakash, N.; Soundarrajan, M.; Vendan, S. Arungalai; Sudha, P. N.; Renganathan, N. G.	Contemplating the feasibility of vermiculate blended chitosan for heavy metal removal from simulated industrial wastewater	APPLIED WATER SCIENCE	7	8	4207	4218	1.42	-

955	Kumar, K.; Babu, Ramesh N.; Prabhu, K. R.	Design and Analysis of Modified Single P&O MPPT Control Algorithm for a Standalone Hybrid Solar and Wind Energy Conversion System	Gazi University Journal of Science	30	4	296	312	1.42	https://dergipark.org.tr/gujs/issue/32802/320828
956	Yuvaraj, T.; Ravi, K.; Devabalaji, K. R.	DSTATCOM Allocation in the Radial Distribution Networks with Different Stability Indices using Bat Algorithm	Gazi University Journal of Science	30	4	314	328	1.42	https://dergipark.org.tr/gujs/issue/32802/322897
957	Sanatani, Tanya	Effects of Demonetization on Digital Payment Systems in India	International Journal of Computer Science and Network Security	17	11	136	140	1.42	http://paper.ijcsns.org/07_book/201711/20171118.pdf
958	Pulipati, Sasanka Bhushan; Mattingly, Stephen P.; Casey, Colleen	Evaluating state level transportation revenue alternatives	CASE STUDIES ON TRANSPORT POLICY	5	3	467	482	1.42	-
959	Kulkarni H., Tambe P., Joshi G.	High concentration exfoliation of graphene in ethyl alcohol using block copolymer surfactant and its influence on properties of epoxy nanocomposites	Fullerenes Nanotubes and Carbon Nanostructures	25	4	241	249	1.41	https://doi.org/10.1080/1536383X.2017.1283616
960	Rahaman A., Mohammed Imran M.	Epoxy-carbon nanotubes as matrix in glass fiber reinforced laminated composites	Fullerenes Nanotubes and Carbon Nanostructures	25	10	559	562	1.41	https://doi.org/10.1080/1536383X.2017.1330264
961	Kumar, P.; Sudalaimani, K.; Shanmugasundaram, M.	An Investigation on Self-Compacting Concrete Using Ultrafine Natural Steatite Powder as Replacement to Cement	Advances in Materials Science and Engineering	-	-	-	-	1.4	https://doi.org/10.1155/2017/8949041
962	Murugadass A., Pachiyappan A.	Fuzzy logic based coverage and cost effective placement of serving nodes for 4G and beyond cellular networks	Wireless Communications and Mobile Computing	2017	-	-	-	1.4	https://doi.org/10.1155/2017/8086204
963	Mishra A.K., Tripathy A.K., Kumar A., Turuk A.K.	A replica detection scheme based on the deviation in distance traveled sliding window for wireless sensor networks	Wireless Communications and Mobile Computing	2017	-	-	-	1.4	https://doi.org/10.1155/2017/8457616
964	Thejaswini T.V.L., Prabhakaran D., Maheswari M.A.	Structurally engineered TiO2-SiO2 monolithic designs for the enhanced photocatalytic degradation of organic textile dye pollutants	Functional Materials Letters	10	2	-	-	1.39	https://doi.org/10.1142/S1793604717500060
965	Arivarasu M., Venkatesh Kannan M., Devendranath Ramkumar K., Arivazhagan N.	Hot-corrosion resistance of dissimilar AISI 4340 and AISI 304L weldments in the molten salt environment at 600Â°C	Corrosion Engineering Science and Technology	52	2	114	123	1.39	https://doi.org/10.1080/1478422X.2016.1213061
966	Shah P., Mahajan S., Nageswaran S., Paul S.K., Ebenzer M.	Non-contact ulcer area calculation system for neuropathic foot ulcer	Foot and Ankle Surgery	-	-	-	-	1.36	https://doi.org/10.1016/j.fas.2017.07.1125
967	Ayyappan S., Sivakumar K., Kalaimathi M.	Electrochemical machining of 20MnCr5 alloy steel with magnetic flux assisted vibrating tool	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	231	10	1956	1965	1.36	https://doi.org/10.1177/0954406215623310
968	Natarajan M., Srinivas T.	Design and analysis of a gravity-based passive tracking mechanism to a linear solar concentrating collector	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	231	13	2503	2514	1.36	https://doi.org/10.1177/0954406216637634

969	Dhanaraj J.S.A., Sangiah A.K.	A wireless sensor network based on unmanned boundary sensing technique for minimizing human elephant conflicts	Studies in Informatics and Control	26	4	459	468	1.35	https://doi.org/10.24846/v26i4y201710
970	Srinivasan E., Sethumadhavan R., Rajasekaran R.	A theoretical study on Zn binding loop mutants instigating destabilization and metal binding loss in human SOD1 protein	Journal of Molecular Modeling	23	4	-	-	1.34	https://doi.org/10.1007/s00894-017-3286-z
971	Kilicman, Adem; Silambarasan, Rathinavel; Altun, Omer	Quasi associated continued fractions and Hankel determinants of Dixon elliptic functions via Sumudu transform	JOURNAL OF NONLINEAR SCIENCES AND APPLICATIONS	10	7	4000	4014	1.34	https://doi.org/10.22436/jnsa.010.07.49
972	Annam S., Gopakumar G., Brahmmananda Rao C.V.S., Sivaraman N., Sivaramakrishna A., Vijayakrishna K.	Experimental and theoretical studies on extraction of actinides and lanthanides by alicyclic H-phosphonates	Radiochimica Acta	105	4	329	339	1.34	https://doi.org/10.1515/ract-2016-2749
973	J subramaniam., J k raju., D ebenezer	Fast median-finding word comparator array	Electronics Letters	53	21	1402	1404	1.34	https://doi.org/10.1049/el.2017.1811
974	Chattaraj R., Khan S., Kumar A., Bepari B., Bhaumik S.	Anthropomorphic grasp generation through probabilistic modelling in an optimised eigen-space	Electronics Letters	53	9	582	584	1.34	https://doi.org/10.1049/el.2016.4260
975	Fernau H., Kuppusamy L., Raman I.	Investigations on the power of matrix insertion-deletion systems with small sizes	Natural Computing	-	-	1	21	1.33	https://doi.org/10.1007/s11047-017-9656-8
976	Chanderkanta, Singh N., Kumar S.	Design of programmable logic device based on electro-optic effect of lithium-niobate-based Machâââ€š¬ââ,¬Å“Zehnder interferometers	Photonic Network Communications	33	3	356	370	1.33	https://doi.org/10.1007/s11107-016-0650-3
977	Bhattacharya P., Patel T.N.	Microsatellite Instability and Promoter Hypermethylation of DNA repair genes in Hematologic Malignancies: a forthcoming direction toward diagnostics	Hematology	-	-	1	6	1.32	https://doi.org/10.1080/10245332.2017.1354428
978	Prasad G., Chakradhar R.P.S., Bera P., Prabu A.A., Anandan C.	Transparent hydrophobic and superhydrophobic coatings fabricated using polyamide 12âââ€š¬ââ,¬Å“SiO2 nanocomposite	Surface and Interface Analysis	49	5	427	433	1.32	https://doi.org/10.1002/sia.6175
979	Prasad G., Chakradhar R.P.S., Bera P., Anand Prabu A.	UV and thermally stable polystyrene-MWCNT superhydrophobic coatings	Surface and Interface Analysis	49	2	93	98	1.32	https://doi.org/10.1002/sia.6063
980	Rakesh Ranjan., Rajeev Arya., Poonam Kshirsagar., Vinay Jain., Deepak K. Jain., Arun Kumar Sangaiah	Real Time Eye Blink Extraction Circuit Design from EEG Signal for ALS Patients	Journal of Medical and Biological Engineering	-	-	1	10	1.31	https://link.springer.com/article/10.1007/s40846-017-0357-7
981	Srinivas S., Vijayalakshmi A., Subramanyam Reddy A.	Flow and Heat Transfer of Gold-Blood Nanofluid in a Porous Channel with Moving/Stationary Walls	Journal of Mechanics	33	3	395	404	1.3	https://doi.org/10.1017/jmech.2016.102
982	Vijayalakshmi A., Srinivas S.	A Study on Hydromagnetic Pulsating Flow of a Nanofluid in a Porous Channel with Thermal Radiation	Journal of Mechanics	33	2	213	224	1.3	https://doi.org/10.1017/jmech.2016.74
983	Narendar R., Priya Dasan K., Rajendran K.	Coir pith/nylon/epoxy hybrid composites and their thermal properties: Thermogravimetric analysis, thermal ageing, and heat deflection temperature	Journal of Vinyl and Additive Technology	-	-	-	-	1.29	https://doi.org/10.1002/vnl.21594

984	Golubev A.P., Alekhnovich A.V., Bodilovskaya O.A., Gopinathan A.	Some methodological approaches to the definition of limiting density for aquaculture of freshwater crayfish fingerlings	Aquaculture International	25	2	715	725	1.283	https://doi.org/10.1007/s10499-016-0065-2
985	Taju G., Madan N., Abdul Majeed S., Rajkumar T., Farook M.A., Vimal S., Nazeer Basha A., Sahul Hameed A.S.	Distribution of recombinant VP28 protein in tissues and its immunomodulatory effect against white spot syndrome virus in whiteleg shrimp, Litopenaeus vannamei (Boone, 1931)	Aquaculture International	25	5	1761	1776	1.283	https://doi.org/10.1007/s10499-017-0155-9
986	Jegadheesan V., Sivasankaran K.	RF stability performance of SOI junctionless FinFET and impact of process variation	Microelectronics Journal	59	-	15	21	1.28	https://doi.org/10.1016/j.mejo.2016.11.004
987	Johannah J.J., Korah R., Kalavathy M., Sivanandham	Standby and dynamic power minimization using enhanced hybrid power gating structure for deep-submicron CMOS VLSI	Microelectronics Journal	62	-	137	145	1.28	https://doi.org/10.1016/j.mejo.2017.02.003
988	Mathew M.M., Srinivasa Rao N., Mandla V.R.	Development of regression equation to study the Total Nitrogen, Total Phosphorus and Suspended Sediment using remote sensing data in Gujarat and Maharashtra coast of India	Journal of Coastal Conservation	-	-	1	11	1.26	https://doi.org/10.1007/s11852-017-0561-1
989	Abdel-Basset M., Shawky L.A., Sangaiah A.K.	A comparative study of cuckoo search and flower pollination algorithm on solving global optimization problems	Library Hi Tech	35	4	588	601	1.26	https://doi.org/10.1108/LHT-04-2017-0077
990	Neethu P.V., Suthindhiran K., Jayasri M.A.	Methanolic extract of Costus pictus D. DON induces cytotoxicity in liver hepatocellular carcinoma cells mediated by histone deacetylase inhibition	PHARMACOGNOSY MAGAZINE	13	51	S533	S538	1.26	https://doi.org/10.4103/pm.pm_524_16
991	Kathirvelan J., Vijayaraghavan R., Thomas A.	Ethylene detection using TiO2-WO3 composite sensor for fruit ripening applications	Sensor Review	37	2	147	154	1.26	https://doi.org/10.1108/SR-12-2016-0262
992	Nath D.K., Ramanathan P.	Non-destructive methods for the measurement of moisture contents - A review	Sensor Review	37	1	71	77	1.26	https://doi.org/10.1108/SR-01-2016-0032
993	Naidu K.C.B., Madhuri W.	Hydrothermal synthesis of NiFe2O4 nano-particles: Structural, morphological, optical, electrical and magnetic properties	Bulletin of Materials Science	40	2	417	425	1.26	https://doi.org/10.1007/s12034-017-1374-4
994	Pandey M., Joshi G.M., Ghosh N.N.	Ionic conductivity and diffusion coefficient of barium-chloride-based polymer electrolyte with poly(vinyl alcohol)âââ€š¬ââ‚¬Å“poly(4-styrenesulphonic acid) polymer complex	Bulletin of Materials Science	40	4	655	666	1.26	https://doi.org/10.1007/s12034-017-1430-0
995	Harinath Babu S., Madhusudhana Rao N., Kaleemulla S., Amarendra G., Krishnamoorthi C.	Room-temperature ferromagnetic and photoluminescence properties of indium-tin-oxide nanoparticles synthesized by solid-state reaction	Bulletin of Materials Science	40	1	17	23	1.26	https://doi.org/10.1007/s12034-016-1352-2
996	Krishnan P.	A novel microbond bundle pullout technique to evaluate the interfacial properties of fibre-reinforced plastic composites	Bulletin of Materials Science	40	4	737	744	1.26	https://doi.org/10.1007/s12034-017-1415-z
997	Kiruthika A.V., Veluraja K.	Physical Properties of Plant Fibers (Sisal, Coir) and Its Composite Material with Tamarind Seed Gum as Low-Cost Housing Material	Journal of Natural Fibers	14	6	801	813	1.25	https://doi.org/10.1080/15440478.2017.1279104

998	Basha S.M., Zhenning Y., Rajput D.S., Iyengar N.C.S.N., Caytiles R.D.	Weighted fuzzy rule based sentiment prediction analysis on tweets	International Journal of Grid and Distributed Computing	10	6	41	54	1.24	https://doi.org/10.14257/ijgdc.2017.10.6.04
999	A sasikumar., V mohanasrinivasan., A k ajeesh kumar., D krishnaswamy	Design, Synthesis, and Evaluation of the Anticancer Properties of a Novel Series of Î±â€(Benzoylamino)â€Î²â€substituted Acrylic Amide Derivatives of Pyrazolo [1, 5â€a] pyrimidine	Journal of Heterocyclic Chemistry	55	1	214	225	1.24	https://doi.org/10.1002/jhet.3029
1000	M anthony xavior., Patil mahesh madhukar., P jeyapandiarajan., M manohar	Experimental investigation of work hardening, residual stress and microstructure during machining Inconel 718	Journal of Mechanical Science and Technology	31	10	4789	4794	1.22	https://doi.org/10.1007/s12206-017-0926-2
1001	Vijayanand P., Kumar A., Vijaya Kumar K.R., Vinod A., Kumaran P., Vendan S.A.	Characterizations of plasma sprayed composite coatings over 1020 mild steel	Journal of Mechanical Science and Technology	31	10	4747	4754	1.22	https://doi.org/10.1007/s12206-017-0921-7
1002	Arrowsmith C., Mandla V.R.	Institutional approaches for building intercultural understanding into the curriculum: an Australian perspective	Journal of Geography in Higher Education	41	4	475	487	1.213	https://doi.org/10.1080/03098265.2017.1337733
1003	Chinnadurai T., Natesh M., Vendan S.A., Dinek R., Kumar K.A.R.	Experimental Studies on Thermo-Mechanical Behavior of Ultrasonically Welded PC/ABS Polymer Blends	Silicon	-	-	1	12	1.21	https://doi.org/10.1007/s12633-017-9706-y
1004	Murugusundaramoorthy G., Janani T., Purohit S.D.	Coefficient estimate of bi-BazileviÄÂÂ functions associated with fractional q-calculus operators	Fundamenta Informaticae	151	#####	49	62	1.2	https://doi.org/10.3233/FI-2017-1478
1005	Jindal S.K., Mahajan A., Raghuwanshi S.K.	Reliable before-fabrication forecasting of normal and touch mode MEMS capacitive pressure sensor: Modeling and simulation	Journal of Micro/ Nanolithography, MEMS, and MOEMS	16	4	-	-	1.19	https://doi.org/10.1117/1.JMM.16.4.045001
1006	Choukiker Y.K., Behera S.K.	Wideband frequency reconfigurable Koch snowflake fractal antenna	IET MICROWAVES ANTENNAS & PROPAGATION	11	2	203	208	1.18	https://doi.org/10.1049/iet-map.2016.0238
1007	Mrunalini S., Manoharan A.	Dual-band re-configurable graphene-based patch antenna in terahertz band for wireless network-on-chip applications	IET MICROWAVES ANTENNAS & PROPAGATION	11	14	2104	2108	1.18	https://doi.org/10.1049/iet-map.2017.0415
1008	Chandy S., Kirubanandhan L., Hemavathy P., Khadeeja A.M., Kurian S.J., Venkataraman K., MÃ¸rch K., Mathai D., Manoharan A.	Serovar prevalence of leptospira in semirural India and the development of an igm-based indirect ELISA	Journal of Infection in Developing Countries	11	3	234	241	1.18	https://doi.org/10.3855/jidc.8067
1009	Sarada Kalyani D., Srinivasa Rao S., Kumar K.C., Roopas Kiran S., Sreedhar B., Appa Rao B.V.	Evaluation of Surface/Solution Interface on Carbon Steel in Contact with a Phosphonate-Based Ternary Corrosion Inhibitor System	Transactions of the Indian Institute of Metals	-	-	1	12	1.18	https://doi.org/10.1007/s12666-017-1112-z
1010	Harichandran R., Selvakumar N., Venkatachalam G.	High Temperature Wear Behaviour of Nano/Micro B4C Reinforced Aluminium Matrix Composites Fabricated by an Ultrasonic Cavitation-Assisted Solidification Process	Transactions of the Indian Institute of Metals	70	1	17	29	1.18	https://doi.org/10.1007/s12666-016-0856-1
1011	Hari P.R., Arivazhagan N., Rao M.N., Pavan A.H.V.	Hot Corrosion Studies on Alloy 617 OCC in the Context of Its Use in Advanced Ultra-Supercritical (A-USC) Power Plants	Transactions of the Indian Institute of Metals	70	3	775	781	1.18	https://doi.org/10.1007/s12666-017-1079-9

1012	Manikandan M., Arivazhagan N., Arivarasu M., Mageshkumar K., Rajan D.N., Murugan B.A., Prasanth P., Sukumar S., Vimalanathan R.	Analysis of Metallurgical and Mechanical Properties of Continuous and Pulsed Current Gas Tungsten Arc Welded Alloy C-276 with Duplex Stainless Steel	Transactions of the Indian Institute of Metals	70	3	661	669	1.18	https://doi.org/10.1007/s12666-017-1045-6
1013	Santhosh R., Geetha M., Nageswara Rao M.	Recent Developments in Heat Treatment of Beta Titanium Alloys for Aerospace Applications	Transactions of the Indian Institute of Metals	70	7	1681	1688	1.18	https://doi.org/10.1007/s12666-016-0985-6
1014	Senthilnathan N., Raja Annamalai A., Venkatachalam G.	Sintering of Tungsten and Tungsten Heavy Alloys of Wâââ€š¬ââ,¬Å“Niâââ€š¬ââ,¬Å“Fe and Wâââ€š¬ââ,¬Å“Niâââ€š¬ââ,¬Å“Cu: A Review	Transactions of the Indian Institute of Metals	70	5	1161	1176	1.18	https://doi.org/10.1007/s12666-016-0936-2
1015	Mohan Raj N., Kumaraswamidhas L.A., Nalajam P.K., Arungalai Vendan S.	Studies on Electro Mechanical Aspects in Ultrasonically Welded Al/Cu Joints	Transactions of the Indian Institute of Metals	-	-	1	10	1.18	https://doi.org/10.1007/s12666-017-1140-8
1016	Sampath Kumar T., Balasivanandha Prabu S., Madhavan S., Padmanabhan K.A.	Thermal Stability of Cathodic Arc Vapour Deposited TiAlN/AlCrN and AlCrN/TiAlN Coatings on Tungsten Carbide Tool	Transactions of the Indian Institute of Metals	-	-	1	12	1.18	https://doi.org/10.1007/s12666-017-1199-2
1017	Manikandan M., Gunachandran R., Vigneshwaran M., Sudhakar S., Srikanth A., Venkateshkannan M., Arivarasu M., Arivazhagan N., Rajan D.N.	Comparative Studies on Metallurgical and Mechanical Properties of Bimetallic Combination on Incoloy 800 and SS 316L Fabricated by Gas Metal and Shield Metal Arc Welding	Transactions of the Indian Institute of Metals	70	3	749	757	1.18	https://doi.org/10.1007/s12666-017-1087-9
1018	Chaurasia J.K., Muthuchamy A., Patel P.N., Annamalai A.R.	Densification of SiC Particle Reinforced Wâââ€š¬ââ,¬Å“Niâââ€š¬ââ,¬Å“Fe Heavy Alloy Composites Through Conventional and Spark Plasma Sintering	Transactions of the Indian Institute of Metals	70	8	2185	2191	1.18	https://doi.org/10.1007/s12666-017-1041-x
1019	Dev S., Ramkumar K.D., Arivazhagan N., Rajendran R.	Effect of Continuous and Pulsed Current GTA Welding on the Performance of Dissimilar Welds Involving Aerospace Grade Alloys	Transactions of the Indian Institute of Metals	70	3	729	739	1.18	https://doi.org/10.1007/s12666-017-1085-y
1020	Franco, Sainu; Mandla, Venkata Ravibabu; Rao, K. Ram Mohan	Trajectory of Urban Growth and Its Socioeconomic Impact on a Rapidly Emerging Megacity	JOURNAL OF URBAN PLANNING AND DEVELOPMENT	143	3	-	-	1.17	-
1021	Amala A., Emerson I.A.	An analysis of central residues between ligand-bound and ligand-free protein structures based on network approach	Protein and Peptide Letters	24	6	517	527	1.17	https://doi.org/10.2174/0929866524666170413120940
1022	Sanapala K., Sakthivel R.	Two novel subthreshold logic families for area and ultra low-energy efficient applications: DTGDI and SBBGDI	Gazi University Journal of Science	30	4	283	294	1.15	https://dergipark.org.tr/gujs/issue/32802/320205
1023	Pradeep Varma G.V., Srinivas T.	Power-Augmented Steam Power Plant in a Cogeneration Cement Factory	Journal of Energy Engineering	143	1	-	-	1.13	https://doi.org/10.1061/(ASCE)EY.1943-7897.0000374
1024	Raj S.S., Ghosh N., Navamathavan R.	Investigation of Oxygen-Adsorbed Iron Pnictide Crystals	Journal of Superconductivity and Novel Magnetism	30	2	287	292	1.13	https://doi.org/10.1007/s10948-016-3689-6

1025	Rajan R., Vizhi R.E.	Investigation of Room-Temperature Ferromagnetism on Pristine and Non-ferromagnetic Dopant-Substituted SnO2 Nanoparticles	Journal of Superconductivity and Novel Magnetism	30	11	3199	3206	1.13	https://doi.org/10.1007/s10948-017-4118-1
1026	Kuppan M., Kaleemulla S., Madhusudhana Rao N., Krishnamoorthi C., Venugopal Rao G., Omkaram I., Sreekantha Reddy D.	Microstructure and Magnetic Properties of Sn1 âËâ€ ââ,¬â„¢xNixO2 Thin Films Prepared by Flash Evaporation Technique	Journal of Superconductivity and Novel Magnetism	30	4	981	987	1.13	https://doi.org/10.1007/s10948-016-3879-2
1027	Ramalingam S.P., Chandra Mouli P.V.S.S.R.	Robustness of DR-LDP over PCANet for face analysis	International Journal of Multimedia Information Retrieval	-	-	1	9	1.12	https://doi.org/10.1007/s13735-017-0144-9
1028	Marale S., Chiranjeevi C., Srinivas T., Thundil Karuppa Raj R.	Experimental and computational fluid dynamics studies on dehumidifier in a combined cooling and desalination plant	Journal of Thermal Science and Engineering Applications	9	1	-	-	1.12	https://doi.org/10.1115/1.4034596
1029	Serge N.E., Laurette Blandine M.K., Kumar S., ClergÃ© T., Vijayalakshmi M.	Extraction, purification, and biochemical characterization of serine protease from leaves of Abrus precatorius	Preparative Biochemistry and Biotechnology	47	10	1016	1024	1.12	https://doi.org/10.1080/10826068.2017.1373289
1030	Vaishnavi b., Devi cs	Potential application of immobilized streptokinase extracted from Streptococcus equinus VIT_VB2.	Preparative Biochemistry and Biotechnology	47	10	1032	1036	1.12	https://doi.org/10.1080/10826068.2017.1373291
1031	Shamsi T.N., Parveen R., Sen P., Fatima S.	Purification and characterization of a novel trypsin-like protease from green-seeded chickpea (Cicer arientum)	Preparative Biochemistry and Biotechnology	47	5	513	519	1.12	https://doi.org/10.1080/10826068.2017.1292291
1032	Prabu S.S., Prathiba S., Asokan M.A., Sreelekh M.K., Steff F., Sai M.	Influence of tungsten on dry sliding wear behaviour of sintered/hot extruded P/M alloy steels (Fe-C-W-Ti)	Materials Research	20	4	1050	1056	1.1	https://doi.org/10.1590/1980-5373-MR-2016-0939
1033	Benson A., Ram G., John A., Melvin Joe M.	Inoculation of 1-aminocyclopropane-1-carboxylate deaminaseâââ€š¬ââ,¬Å“producing bacteria along with biosurfactant application enhances the phytoremediation efficiency of Medicago sativa in hydrocarbon-contaminated soils	Bioremediation Journal	21	1	20	29	1.1	https://doi.org/10.1080/10889868.2017.1282934
1034	Shukla A., Dasgupta N., Ranjan S., Singh S., Chidambram R.	Nanotechnology towards prevention of anaemia and osteoporosis: from concept to market	Biotechnology and Biotechnological Equipment	31	5	863	879	1.1	https://doi.org/10.1080/13102818.2017.1335615
1035	Karunanithi S.	Experimental Studies on Punching Shear and Impact Resistance of Steel Fibre Reinforced Slag Based Geopolymer Concrete	Advances in Civil Engineering	2017	-	-	-	1.1	https://doi.org/10.1155/2017/9210968
1036	Vs nadh., K muthumani	Seismic Performance of Light weight concrete Structures	Advances in Civil Engineering	-	-	-	-	1.1	https://www.hindawi.com/journals/ace/2018/2105784/abs/
1037	Lekha S., Manikandan S.	Mathematical modelling and simulation analysis of a modified Butterworth van Dyke circuit model for non-invasive diabetes detection	IET Circuits, Devices and Systems	11	6	682	687	1.09	https://doi.org/10.1049/iet-cds.2017.0002
1038	Ramaniharan P.K., Boby B.	Widening and narrowing of time interval due to single-event transients in 45 nm vernier-type TDC	IET Circuits, Devices and Systems	11	6	676	681	1.09	https://doi.org/10.1049/iet-cds.2016.0512

1039	Sahoo S., Prabaharan S.R.S.	Nano-ionic solid state resistive memories (Re-RAM): A review	Journal of Nanoscience and Nanotechnology	17	1	72	86	1.09	https://doi.org/10.1166/jnn.2017.12805
1040	Neha R., Jaiswal A., Bellare J., Sahu N.K.	Synthesis of surface grafted mesoporous magnetic nanoparticles for cancer therapy	Journal of Nanoscience and Nanotechnology	17	8	5181	5188	1.09	https://doi.org/10.1166/jnn.2017.13853
1041	Balaguru S., Murali V., Chellapandi P.	Effects of Different Operating Temperatures on the Tensile Properties of the Grid Plate Hardfaced with Colmonoy in a Pool Type Sodium Fast Reactor	Science and Technology of Nuclear Installations	2017	-	-	-	1.08	https://doi.org/10.1155/2017/5926105
1042	Pooja S., Babu S.	Responses of rice to Rhizoctonia solani and its toxic metabolite in relation to expression of Osmyb4 transcription factor	Plant Protection Science	53	4	208	215	1.076	https://doi.org/10.17221/107/2015-PPS
1043	Ryan Serrao., B. K. Tripathy., A. Jayaram Reddy	An Analysis of Decision Theoretic Kernalized Rough C-Means	Advances in Intelligent Systems and Computing	517	-	513	524	1.07	https://link.springer.com/chapter/10.1007/978-981-10-3174-8_43
1044	Rani K.V., Chandwani N., Kikani P., Nema S.K., Sarma A.K., Sarma B.	Optimization and surface modification of silk fabric using DBD air plasma for improving wicking properties	Journal of the Textile Institute	-	-	1	8	1.06	https://doi.org/10.1080/00405000.2017.1347230
1045	Kadiyala C.B.N., Wuppulluri M.	Effect of microwave heat treatment on pure phase formation of hydrothermal synthesized nano NiMg ferrites	Phase Transitions	90	9	847	862	1.03	https://doi.org/10.1080/01411594.2016.1277220
1046	Sathish S., Geetha M.	Effect of Alumina Addition on the Microstructure and Mechanical Properties of Metal Inert Gas Welded Low Carbon Steel	Transactions of the Indian Ceramic Society	76	3	176	182	1.01	https://doi.org/10.1080/03717750X.2017.1296785
1047	Rajkumar palaniappan., Sebastian sundaraj., Fizza ghulam nabi., Kenneth sundaraj., Lam chee kiang	Wheeze sound analysis using computer-based techniques: a systematic review	Biomedizinische Technik. Biomedical engineering	-	-	-	-	1.01	https://doi.org/10.1515/bmt-2016-0219
1048	Rajkumar Palaniappan., Kenneth Sundaraj., Sebastian Sundaraj., N. Huliraj., S.S. Revadi	Classification of pulmonary pathology from breath sounds using the wavelet packet transform and an extreme learning machine	Biomedizinische Technik. Biomedical engineering	63	4	383	394	1.01	https://www.degruyter.com/view/j/bmte.ahead-of-print/bmt-2016-0097/bmt-2016-0097.xml
1049	Titus G., Sudhakar M.S.	A simple and efficient algorithm operating with linear time for MCEEG data compression	Australasian Physical and Engineering Sciences in Medicine	40	3	759	768	1	https://doi.org/10.1007/s13246-017-0575-x
1050	Sangeetha D., Vadlamudi M.K.	Stability-indicating method for the determination of assay and quantification of impurities in amlodipineââ€š¬â,¬Å“atorvastatin combination dosage form by RP-HPLC	Journal of Liquid Chromatography and Related Technologies	40	11	576	598	0.99	https://doi.org/10.1080/10826076.2017.1334215
1051	Sumangali K., Ch A.K., Li J.	Concept Compression in Formal Concept Analysis Using Entropy-Based Attribute Priority	Applied Artificial Intelligence	31	3	251	278	0.99	https://doi.org/10.1080/08839514.2017.1316182
1052	Somarapalli M., Koul K., Lahon R., Boonruang S., Mohammed W.S.	Demonstration of low-cost and compact SPR optical transducer through edge light coupling	Micro and Nano Letters	12	9	643	646	0.98	https://doi.org/10.1049/mnl.2017.0048
1053	Lal A.M., Margret Anouncia S.	Adapted sparse fusion with constrained clustering for semisupervised change detection in remotely sensed images	Journal of Applied Polymer Science	11	1	-	-	0.976	https://doi.org/10.1117/1.JRS.11.016013

1054	Pradipta banerjee., Jayashree das., Shuchita tripathi	Biomimetic synthesis of nanocrystalline hydroxyapatite from sharkskin collagen	Bioinspired, Biomimetic and Nanobiomaterials	-	-	-	-	0.97	https://doi.org/10.1680/jbibn.16.00018
1055	Prasad A.A., Babu S.	Compatibility of azospirillum brasilense and pseudomonas fluorescens in growth promotion of groundnut (Arachis hypogea L.)	Anais da Academia Brasileira de Ciencias	89	2	1027	1040	0.956	https://doi.org/10.1590/0001-3765201720160617
1056	Babu, N.; Neeraja, G.; Raju, C. S. K.	Radiated Two-Phase (Blasius and Sakiadis) Flow in a Suspension of Graphene Nanoparticles with Heat Source or Sink	JOURNAL OF NANOFLUIDS	6	6	1046	1053	0.95	https://doi.org/10.1166/jon.2017.1409
1057	Sundarrajan S., Arumugam M.	Documentation of traditional Siddha medicines for skin diseases from Katpadi taluk, Vellore District, Tamil Nadu, India	European Journal of Integrative Medicine	9	-	52	62	0.95	https://doi.org/10.1016/j.eujim.2016.08.163
1058	Santhisudha, Sarva; Reddy, Kandula Madhu Kumar; Kumar, Yellapu Nanda; Selvarajan, Ethiraj; Mohanasrinivasan, Vaithiyalingam; Nayak, Sandip Kumar; Reddy, Cirandur Suresh	Zinc Tetrafluoroborate Catalyzed Synthesis, Molecular Docking and Cytotoxicity of Pyrrolidinyl Aminophosphonates	Letters in Drug Design and Discovery	14	2	139	150	0.95	https://doi.org/10.2174/1570180813666160722123045
1059	Balamurugan S., Mallick P.S.	Error Compensation Techniques for Fixed-Width Array Multiplier Design-A Technical Survey	Journal of Circuits, Systems and Computers	26	3	-	-	0.94	https://doi.org/10.1142/S0218126617300033
1060	Bhusare S.S., Kanchana Bhaaskaran V.S.	Low-Power High-Accuracy Fixed-Width Radix-8 Booth Multiplier Using Probabilistic Estimation Technique	Journal of Circuits, Systems and Computers	26	5	-	-	0.94	https://doi.org/10.1142/S0218126617500797
1061	Karthikeyan A., Mallick P.S.	Optimization Techniques for CNT Based VLSI Interconnects-A Review	Journal of Circuits, Systems and Computers	26	3	-	-	0.94	https://doi.org/10.1142/S0218126617300021
1062	Reddy G.T., Khare N.	An efficient system for heart disease prediction using hybrid OFBAT with rule-based fuzzy logic model	Journal of Circuits, Systems and Computers	26	4	-	-	0.94	https://doi.org/10.1142/S021812661750061X
1063	Poornima N., Kanchana Bhaaskaran V.S.	Design and Implementation of 32-Bit High Valency Jackson Adders	Journal of Circuits, Systems and Computers	26	7	-	-	0.94	https://doi.org/10.1142/S0218126617501237
1064	Animasaun, I. L.; Prakash, J.; Vijayaragavan, R.; Sandeep, N.	Stagnation Flow of Nanofluid Embedded with Dust Particles Over an Inclined Stretching Sheet with Induced Magnetic Field and Suction	JOURNAL OF NANOFLUIDS	6	1	28	37	0.93	https://doi.org/10.1166/jon.2017.1308
1065	Phanikumar B.R., Uma Shankar M.	Heave Studies on Fly Ash-Stabilised Expansive Clay Liners	Geotechnical and Geological Engineering	35	1	111	120	0.93	https://doi.org/10.1007/s10706-016-0088-5
1066	Kannadassan D., Mallick P.S.	Modeling of field dependent Maxwell-Wagner interfacial capacitance for bilayer metal-insulator-metal capacitors	Microwave and Optical Technology Letters	24	8	6008	6012	0.93	https://doi.org/10.1002/mop.30865
1067	Ramya S., Srinivasa Rao I.	A compact ultra-thin ultra-wideband microwave metamaterial absorber	Microwave and Optical Technology Letters	59	8	1837	1845	0.93	https://doi.org/10.1002/mop.30636
1068	Avinash K.G., Srinivasa Rao I.	Compact dual-band bandpass filter based on dual-mode modified star shaped resonator	Microwave and Optical Technology Letters	59	3	505	511	0.93	https://doi.org/10.1002/mop.30333
1069	Dwivedi R.P., Kommuri U.K.	CPW feed dual band and wideband antennas using crescent shape and T-shape stub for Wi-Fi and WiMAX application	Microwave and Optical Technology Letters	59	10	2586	2591	0.93	https://doi.org/10.1002/mop.30786

1070	Sivanesan d., Youn mh., Park kt., Kim hj., Grace an., Jeong sk., Sivanesan d., Youn mh., Park kt., Kim hj., Grace an., Jeong sk	Mono- and dinuclear Cu(II) complexes of the benzyldipicolylamine (BDPA) ligand: crystal structure, synthesis and characterization.	Acta crystallographica. Section C, Structural chemistry	73	-	1024	1029	0.93	https://doi.org/10.1107/S2053229617012785
1071	Karuppiah M., Kumari S., Li X., Wu F., Das A.K., Khan M.K., Saravanan R., Basu S.	A Dynamic ID-Based Generic Framework for Anonymous Authentication Scheme for Roaming Service in Global Mobility Networks	Wireless Personal Communications	93	2	383	407	0.93	https://doi.org/10.1007/s11277-016-3672-3
1072	Bharathi C., Rekha D., Vijayakumar V.	Genetic Algorithm Based Demand Side Management for Smart Grid	Wireless Personal Communications	93	2	481	502	0.93	https://doi.org/10.1007/s11277-017-3959-z
1073	Rajkumar R., Usha Kiran K.	A Metamaterial Inspired Compact Open Split Ring Resonator Antenna for Multiband Operation	Wireless Personal Communications	97	1	951	965	0.93	https://doi.org/10.1007/s11277-017-4545-0
1074	Balaji S., Mallick P.S.	On the Optimality of Multi-User Coordinated Zero-Forcing Beamforming Multicell Systems with Limited Feedback in Interference Channels	Wireless Personal Communications	-	-	1	20	0.93	https://doi.org/10.1007/s11277-017-4882-z
1075	Shakir S.S.H., Rajesh A.	Performance Analysis of Two Level Calendar Disc Scheduling in LTE Advanced System with Carrier Aggregation	Wireless Personal Communications	95	3	2855	2871	0.93	https://doi.org/10.1007/s11277-017-3967-z
1076	Subramanian A.K., Paramasivam I.	PRIN: A Priority-Based Energy Efficient MAC Protocol for Wireless Sensor Networks Varying the Sample Inter-Arrival Time	Wireless Personal Communications	92	3	863	881	0.93	https://doi.org/10.1007/s11277-016-3581-5
1077	Babu K.V., Reddy G.R.	Quality of Service Aware Inter Carrier Interference Mitigation and Antenna Selection Schemes for Beyond 4G Systems	Wireless Personal Communications	96	1	199	216	0.93	https://doi.org/10.1007/s11277-017-4162-y
1078	Jayaprakash A., Reddy G.R.	Robust Blind Carrier Frequency Offset Estimation Algorithm for OFDM Systems	Wireless Personal Communications	94	3	777	791	0.93	https://doi.org/10.1007/s11277-016-3650-9
1079	Kumar S.A., Ilango P.	The Impact of Wireless Sensor Network in the Field of Precision Agriculture: A Review	Wireless Personal Communications	-	-	1	14	0.93	https://doi.org/10.1007/s11277-017-4890-z
1080	Selvakumar K., Sairamesh L., Kannan A.	An Intelligent Energy Aware Secured Algorithm for Routing in Wireless Sensor Networks	Wireless Personal Communications	96	3	4781	4798	0.93	https://doi.org/10.1007/s11277-017-4417-7
1081	Muthurajkumar S., Ganapathy S., Vijayalakshmi M., Kannan A.	An Intelligent Secured and Energy Efficient Routing Algorithm for MANETs	Wireless Personal Communications	96	2	1753	1769	0.93	https://doi.org/10.1007/s11277-017-4266-4
1082	Kumar P.J., Ilango P.	An Optimized Replica Allocation Algorithm Amidst of Selfish Nodes in MANET	Wireless Personal Communications	94	4	2719	2738	0.93	https://doi.org/10.1007/s11277-016-3928-y
1083	Arthi M., Arulmozhivarman P.	A Novel Low-Complex Antenna Selection Scheme for Beyond 4G (B4G) Systems	Wireless Personal Communications	95	3	3407	3431	0.93	https://doi.org/10.1007/s11277-017-4005-x
1084	Shaik M.F., Komanapalli V.L.N., Subashini M.M.	A Comparative Study of Interference and Mitigation Techniques in Wireless Body Area Networks	Wireless Personal Communications	-	-	1	33	0.93	https://doi.org/10.1007/s11277-017-4977-6
1085	Manogaran G., Vijayakumar V., Varatharajan R., Malarvizhi Kumar P., Sundarasekar R., Hsu C.-H.	Machine Learning Based Big Data Processing Framework for Cancer Diagnosis Using Hidden Markov Model and GM Clustering	Wireless Personal Communications	-	-	1	18	0.93	https://doi.org/10.1007/s11277-017-5044-z
1086	Madhuri W., Kiran S.R., Reddy M.P., Reddy N.R., Kumar K.V.S.	DC conductivity and Seebeck coefficient of nonstoichiometric MgCuZn ferrites	Materials Science- Poland	35	1	40	44	0.92	https://doi.org/10.1515/msp-2017-0003

1087	Arivarasu M., Roshith P., Padmanaban R., Thirumalini S., Phani Prabhakar K.V., Padmanabham G.	Investigations on metallurgical and mechanical properties of CO2 laser beam welded Alloy 825	Canadian Metallurgical Quarterly	56	2	232	244	0.91	https://doi.org/10.1080/00084433.2017.1315847
1088	Narendiranath B.T., Himamshu H.S., Prabin K.N., Rama P.D., Nishant C.	Journal bearing fault detection based on daubechies wavelet	Archives of Acoustics	42	3	401	414	0.9	https://doi.org/10.1515/aoa-2017-0042
1089	Chaurasia J., Ayyapan M., Patel P., Rajan R.A.A.	Activated sintering of tungsten heavy alloy	Science of Sintering	49	4	445	453	0.89	https://doi.org/10.2298/SOS1704445C
1090	Kumar P., Kannaiah S.K., Choudhury S.R., Rajasekar N.	Genetic Algorithm-based Modeling of PEM Fuel Cells Suitable for Integration in DC Microgrids	Electric Power Components and Systems	45	10	1152	1160	0.89	https://doi.org/10.1080/15325008.2017.1318980
1091	Singh B., Jain C., Goel S., Gogia R., Subramaniam U.	A Sustainable Solar Photovoltaic Energy System Interfaced with Grid-Tied Voltage Source Converter for Power Quality Improvement	Electric Power Components and Systems	45	2	171	183	0.89	https://doi.org/10.1080/15325008.2016.1233298
1092	Rajakumar V., Anbukumar K., Selwynraj Arunodayaraj I.	Power Quality Enhancement Using Linear Quadratic Regulator Based Current-controlled Voltage Source Inverter for the Grid Integrated Renewable Energy System	Electric Power Components and Systems	45	16	1783	1794	0.89	https://doi.org/10.1080/15325008.2017.1378773
1093	Azharuddin Shamshuddin M., Babu T.S., Dragicevic T., Miyatake M., Rajasekar N.	Priority-based Energy Management Technique for Integration of Solar PV, Battery, and Fuel Cell Systems in an Autonomous DC Microgrid	Electric Power Components and Systems	45	17	1881	1891	0.89	https://doi.org/10.1080/15325008.2017.1378949
1094	Hemachandran H., Doss C.G.P., Siva R.	Plant communication: An unresolved mystery	Current Science	112	10	1990	1991	0.883	https://www.currentscience.ac.in/cs/Volumes/112/10/1990.pdf
1095	Basu P., Narendra Kumar U., Manjubala I.	Wound healing materials - A perspective for skin tissue engineering	Current Science	112	12	2392	2404	0.883	https://doi.org/10.18520/cs/v112/i12/2392-2404
1096	Patel A.K., Yellapragada B.K., Vishnu R., Murti M.V.R., Samuel J.J.	Dual polarization lidar for remote sensing of aerosols and clouds in the atmosphere	Current Science	113	6	1134	1138	0.883	https://doi.org/10.18520/cs/v113/i06/1134-1138
1097	Ponraj, Caroline; Prabhakaran, D.; Vinitha, G.; Daniel, Joseph	Photocatalytic Degradation of Direct Blue Dye by BiFeO3 Nanoparticles under Visible Light Irradiation	NANO HYBRIDS AND COMPOSITES	17	-	194	201	0.85	https://doi.org/10.4028/www.scientific.net/NHC.17.194
1098	Sawa S., Balaji H., Iyengar N.C.S.N., Caytiles R.D.	Predicting diabetics accuracy using rough set clusters	International Journal of Grid and Distributed Computing	10	9	47	56	0.85	https://doi.org/10.14257/ijgdc.2017.10.9.04
1099	Murugan, Veeramani; Parasuraman, Ponnusamy; Selvin, Jeyasigamani F. A.; Gromiha, Michael M.; Fukui, Kazuhiko; Veluraja, Kasinadar	Theoretical investigation on the binding specificity of fluorinated sialyldisaccharides Neu5Ac(2-3)Gal and Neu5Ac(2-6)Gal with influenza hemagglutinin H1-A Molecular Dynamics Study	Journal of Carbohydrate Chemistry	36	#####	111	128	0.83	-
1100	Sengupta S.	Noncoding RNAs in protein clearance pathways: implications in neurodegenerative diseases	Journal of Genetics	96	1	203	210	0.83	https://doi.org/10.1007/s12041-017-0747-1
1101	Erukulla K.K., Suseem S.R.	Analytical method development and validation for concurrent determination of bromohexine and phenylpropanolamine by reverse phase-HPLC method	Current Pharmaceutical Analysis	13	5	438	445	0.83	https://doi.org/10.2174/1573412912666161004144334

1102	Naidu K.J., Kittur H.M.	Frequency tunable low ripple and fast response on-chip DCââ€š¬âå¸Å“DC converter for DVFS	Analog Integrated Circuits and Signal Processing	90	3	639	644	0.82	https://doi.org/10.1007/s10470-016-0905-z
1103	Sasikumar K., Ghosh A.R.	Isolation of myristyl alcohol from hybanthus enneaspermus	Bangladesh Journal of Pharmacology	12	2	113	114	0.81	https://doi.org/10.3329/bjp.v12i2.27605
1104	Sasikumar, Kandasamy; Ghosh, Asit Ranjan	Larvicidal activity of prenyl xanthones from Garcinia mangostana against dengue vector	Bangladesh Journal of Pharmacology	12	3	282	283	0.81	https://doi.org/10.3329/bjp.v12i3.32435
1105	Sasikumar, Kandasamy; Pavithra, M.; Ghosh, Asit Ranjan	Antibacterial activity of phenolic compounds from Terminalia arjuna against multidrug resistant E. coli isolated from meat shop	Bangladesh Journal of Pharmacology	12	4	371	372	0.81	-
1106	Shylaja, Gunasekaran; Sathiavelu, Arunachalam	Cytotoxicity of endophytic fungus Chaetomium cupreum from the plant Mussaenda luteola against breast cancer cell line MCF-7	Bangladesh Journal of Pharmacology	12	4	373	375	0.81	-
1107	Deshpande K.V., Rajesh A.	Investigation on IMCP based clustering in LTE-M communication for smart metering applications	Engineering Science and Technology, an International Journal	20	3	944	955	0.79	https://doi.org/10.1016/j.jestch.2017.04.004
1108	Malarkodi C., Rajeshkumar S.	In vitro bactericidal activity of biosynthesized CuS nanoparticles against UTI-causing pathogens	Inorganic and Nano-Metal Chemistry	47	9	1290	1297	0.79	https://doi.org/10.1080/24701556.2016.1241272
1109	Narayana, P. V. Satya	Lie Group Analysis for the Flow and Heat Transfer of a Nanofluid Over a Stretching Sheet with Viscous Dissipation	JOURNAL OF NANOFLUIDS	6	6	1181	1187	0.79	https://doi.org/10.1166/jon.2017.1395
1110	Reddy, K. Harshavardhana; Ramanathan, Prabhu	A New feedback gain matrix based LQR PI Controller for Integrator Time Delay process	Gazi University Journal of Science	30	4	232	251	0.79	http://dergipark.gov.tr/download/article-file/380295
1111	Gopalakrishnan M., Shanmugan S., Palanisami N.	Synthesis and spectroscopic characterization of tris(tert-butoxy)siloxy titanium and hafnium complexes: Molecular precursor to [M/Si/O (M = Ti, Hf)] materials	Phosphorus, Sulfur and Silicon and the Related Elements	192	8	977	983	0.78	https://doi.org/10.1080/10426507.2017.1322083
1112	VINOTH JEBARAJ A., AJAYKUMAR L., DEEPAK C.R., ADITYA K.V.V.	ENHANCEMENT OF EXFOLIATION CORROSION RESISTANCE OF ALUMINIUM ALLOY 5083 BY SHOT PEENING	Surface Review and Letters	25	7	-	-	0.75	https://doi.org/10.1142/S0218625X19500203
1113	VINISHA RANI K., CHANDWANI N., KIKANI P., NEMA S.K., SARMA A.K., SARMA B.	HYDROPHOBIC SURFACE MODIFICATION OF SILK FABRIC USING PLASMA-POLYMERIZED HMDSO	Surface Review and Letters	-	-	-	-	0.75	https://doi.org/10.1142/S0218625X18500609
1114	SAMPATH KUMAR T., JEBARAJ A.V., SIVAKUMAR K., SHANKAR E., TAMILOLI N.	CHARACTERIZATION OF TiCN COATING SYNTHESIZED BY THE PLASMA ENHANCED PHYSICAL VAPOUR DEPOSITION PROCESS ON A CEMENTED CARBIDE TOOL	Surface Review and Letters	-	-	-	-	0.75	https://doi.org/10.1142/S0218625X19500288
1115	Geetha V., Chakravarthula S.N.	Chemical composition and anti-inflammatory activity of Boswellia ovalifoliolata essential oils from leaf and bark	Journal of Forestry Research	-	-	1	9	0.748	https://doi.org/10.1007/s11676-017-0457-9
1116	Supriya N.T., Sudha K., Krishnakumar V., Anilkumar G.	Molt and reproduction enhancement together with hemolymph ecdysteroid elevation under eyestalk ablation in the female fiddler crab, Uca triangularis (Brachyura: Decapoda)	Chinese Journal of Oceanology and Limnology	35	3	645	657	0.74	https://doi.org/10.1007/s00343-017-5337-9

1117	Miller M., Rajan R.S., Jayagopal R., Rajasingh I., Manuel P.	A note on the locating-total domination in graphs	Discussiones Mathematicae - Graph Theory	37	3	745	754	0.74	https://doi.org/10.7151/dmgt.1961
1118	Zayed H., Dossc G.P., El Zowalaty M.E.	Potential routes of spread of Zika virus to the Middle East, North Africa and Asia: Action must be taken	Future Virology	12	4	159	162	0.73	https://doi.org/10.2217/fvl-2016-0139
1119	X jiang., Q liu., N parthiban., Rs rajan	A note on minimum linear arrangement for BC graphs	Discrete Mathematics	10	2	-	-	0.73	https://www.worldscientific.com/doi/abs/10.1142/S1793830918500234
1120	Mani G., Sivaraman N.	Integrating fuzzy based fault diagnosis with constrained model predictive control for industrial applications	Journal of Electrical Engineering and Technology	12	2	886	889	0.72	https://doi.org/10.5370/JEET.2017.12.2.886
1121	Satheesh A., Kumar D., Dharmalingam P., Lakshmipriya T.K.S., Krishnaveni S.	Dynamically reconfgurable queue for intel IXP2400 network processor	Journal of Internet Technology	18	1	95	101	0.72	https://doi.org/10.6138/JIT.2017.18.1.20140505
1122	Fernau H., Kuppusamy L., Raman I.	On the computational completeness of graph-controlled insertionâââ€š¬ââ,¬Å“deletion systems with binary sizes	Theoretical Computer Science	682	-	100	121	0.72	https://doi.org/10.1016/j.tcs.2017.01.019
1123	Jayaram B., Arumugam S., Thulasiraman K.	Dominator sequences in bipartite graphs	Theoretical Computer Science	694	-	34	41	0.72	https://doi.org/10.1016/j.tcs.2017.06.022
1124	Rasal Y.B., Shaikh R.N., Shirsat M.D., Kalainathan S., Hussaini S.S.	The investigation of potassium tetra thiourea chloride on linear-nonlinear optical, electrical and mechanical properties of KDP crystal for NLO applications	Ferroelectrics	520	1	59	74	0.7	https://doi.org/10.1080/00150193.2017.1374806
1125	Mathew N.M., Vishnuvardhan S., Raghava G., Santhi A.S.	Corrosion fatigue crack growth studies on pressure vessel and piping steels in water environment	Archives of Metallurgy and Materials	62	3	1857	1862	0.7	https://doi.org/10.1515/amm-2017-0281
1126	Helen S., Ruban Kumar A.	Comparison of precursors on hydroxyapatite with binders on phases, particle size, and morphology	Journal of the Australian Ceramic Society	53	2	627	633	0.69	https://doi.org/10.1007/s41779-017-0074-2
1127	Madhuri W., Penchal Reddy M., Ramamanohar Reddy N., Siva Kumar K.V.	Effect of glass on magnetic properties of microwave-processed MgCuZn nano ferrites	Journal of the Australian Ceramic Society	53	1	67	73	0.69	https://doi.org/10.1007/s41779-016-0010-x
1128	Parameswari R., Rao K.A., Manigandan P., Vickram A.S., Archana A., Sridharan T.B.	Tea polyphenol-T. arjuna bark as sperm antioxidant extender in infertile smokers	Cryo letters	38	2	95	99	0.69	https://www.ingentaconnect.com/contentone/cryo/cryo/2017/00000038/00000002/art00003
1129	Pathy, Ramesh M.; Vickram, A. S.; Sridharan, T. B.; Parameswari, R.; Archana, K.; Nithya, S.; Mishika, A.	OPTIMIZATION OF HUMAN SEMEN EXTENDER COMPONENTS FOR CRYOPRESERVATION USING STATISTICAL TOOLS	Cryo letters	38	6	434	444	0.69	https://www.ingentaconnect.com/contentone/cryo/cryo/2017/00000038/00000006/art00003
1130	Parimelazhagan I., Mehta A.	Changes in the Antioxidant Potential of Nori Sheets During in vitro Digestion with Pepsin	Journal of Aquatic Food Product Technology	26	2	163	171	0.682	https://doi.org/10.1080/10498850.2015.1125981
1131	Kumar Nitin., Sangeetha D., Kalyanraman L., Sainath K	Stability-Indicating HPLC Method for Simultaneous Determination of Degradation Products and Process-Related Impurities of Avanafil in Avanafil Tablets	Acta Chromatographica	-	-	-	-	0.67	http://akademiai.com/doi/abs/10.1556/1326.2017.00116

1132	Gunasekaran M., Thangavel M., Nemichandran N.K., Ravikumar I., Glarance H.J., Kothandapani K.	Impact response and strength reliability of green high performance fibre reinforced concrete subjected to freeze-thaw cycles in NaCl solution	Medziagotyra	23	4	384	388	0.64	https://doi.org/10.5755/j01.ms.23.4.17334
1133	Karunamurthy, K.; Rajesh, M. Rachit; Vijaypal, B.; Kumar, Ayush	Thermal Conductivity and Charging & Discharging Characteristics of a Thermal Energy Storage System Blended with Al2O3 Nanoparticles	NANO HYBRIDS AND COMPOSITES	17	-	10	17	0.63	https://doi.org/10.4028/www.scientific.net/NHC.17.10
1134	Narayana, P. V. Satya; Akshit, S. Moliya; Ghori, Jatin P.; Venkateswarlu, B.	Thermal Radiation Effects on an Unsteady MHD Nanofluid Flow Over a Stretching Sheet with Non-Uniform Heat Source/Sink	JOURNAL OF NANOFLUIDS	6	5	899	907	0.63	https://doi.org/10.1166/jon.2017.1374
1135	De, Poulomi	Thermophoresis and Brownian Motion Effects on Dual Solutions for Unsteady Eyring-Powell Nanofluid Flow Over a Stretching/Shrinking Sheet	JOURNAL OF NANOFLUIDS	6	5	956	959	0.63	https://doi.org/10.1166/jon.2017.1375
1136	Kachalai Narsimman, Mohan; Choukiker, Yogesh Kumar; Zinka, Srinivasa Rao; Dhanaraj, Kannadassan	Effect of uniform and Dolph-Chebyshev excitations on the performance of circular array antennas	Turkish Journal of Electrical Engineering and Computer Sciences	25	5	3660	3672	0.63	https://doi.org/10.3906/elk-1604-222
1137	Gunasekaran, Kanimozhi; Vellithiruthi Thazhathu, Sreedevi	Improved resettable integrator control for a bridgeless interleaved AC/DC converter	Turkish Journal of Electrical Engineering and Computer Sciences	25	5	3578	3590	0.63	https://doi.org/10.3906/elk-1512-86
1138	Selvi MUNUSWAMY., Jothi Muneeswari SARAVANAKUMAR., Ganapathy SANNASI., Khanna Nehemiah HARICHANDRAN., Kannan ARPUTHARAJ	Virtual force-based intelligent clustering for energy-efficient routing in mobile wireless sensor networks	Turkish Journal of Electrical Engineering and Computer Sciences	-	-	1	9	0.63	http://online.journals.tubitak.gov.tr/openInPressDocument.htm?fileID=915727&no=169646&fileType=Report%20Document
1139	Kavitha, M.	Antibacterial and antioxidant activity of leaf organic extracts of local cultivars of Murraya koenigii (L.) Spreng from Tamilnadu	BIOSCIENCE BIOTECHNOLOGY RESEARCH COMMUNICATIONS	10	3	359	364	0.61	-
1140	Manimaran A., Praba B., Chandrasekaran V.M.	Characterization of rough semiring	Afrika Matematika	28	#####	945	956	0.6	https://doi.org/10.1007/s13370-017-0495-7
1141	Manupati V.K., Rajyalakshmi G., Chan F.T.S., Thakkar J.J.	A hybrid multi-objective evolutionary algorithm approach for handling sequence- and machine-dependent set-up times in unrelated parallel machine scheduling problem	Sadhana - Academy Proceedings in Engineering Sciences	42	3	391	403	0.592	https://doi.org/10.1007/s12046-017-0611-2
1142	Rajesh M., Pitchaimani J.	Mechanical and dynamic mechanical behaviour of novel glassâåâ€š¬åâ,¬Å“natural fibre intra-ply woven polyester composites	Sadhana - Academy Proceedings in Engineering Sciences	42	7	1215	1223	0.592	https://doi.org/10.1007/s12046-017-0676-y
1143	Sathyakam P.U., Mallick P.S.	Carbon nanotube interconnects with air-gaps: Effect on thermal stability, delay and area	Journal of Nano Research	48	-	29	37	0.59	https://doi.org/10.4028/www.scientific.net/JNanoR.48.29

1144	Vasudevan B., Sivasubramanian A., Ramesh Babu M.	Optical study on Er-Yb Co-doped boro-tellurite glasses for optical amplifiers	Journal of Optoelectronics and Advanced Materials	19	#####	11	15	0.59	https://www.researchgate.net/profile/Muthu_Ramesh_Babu/publication/315685591_Optical_study_on_Er-Yb_Co-doped_boro-tellurite_glasses_for_optical_amplifiers/links/58db6fd392851ce5e971a0ff/Optical-study-on-Er-Yb-Co-doped-boro-tellurite-glasses-for-optical-amplifiers.pdf
1145	Saravanan S., Dubey R.S., Kalainathan S.	Analytical study of plasmonic effect in ultrathin film silicon solar cells	Journal of Optoelectronics and Advanced Materials	19	#####	173	177	0.59	https://www.researchgate.net/profile/Saravanan_Sigamani/publication/322714715_Analytical_study_of_plasmonic_effect_in_ultrathin_film_silicon_solar_cells/links/5a6ab40ba6fdcc2aedee161e/Analytical-study-of-plasmonic-effect-in-ultrathin-film-silicon-solar-cells.pdf
1146	Mrabet H., Sangeetha A., Mhatli S., Attia R.	40 & 100 Gb/s optical communications systems based on blind support vector machine with electrical equalizer	Journal of Optoelectronics and Advanced Materials	19	#####	146	152	0.59	https://www.researchgate.net/profile/Hichem_Mrabet/publication/316452440_40_100_Gbs_optical_communications_systems_based_on_blind_support_vector_machine_with_electrical_equalizer/links/58fef2b7a6fdcc8ed50ca10e/40-100-Gb-s-optical-communications-systems-based-on-blind-support-vector-machine-with-electrical-equalizer.pdf
1147	Badgujar D.P., Srinivasan K., Vasundhra P., Murugesan R., Rao L.B.	Geometric scaling of plates subjected to mine blast	Defence Science Journal	67	4	454	459	0.59	https://doi.org/10.14429/dsj.67.11475
1148	Trikande M.W., Jagirdar V.V., Rajamohan V., Sampat Rao P.R.	Investigation on semi-active suspension system for multi-axle armoured vehicle using co-simulation	Defence Science Journal	67	3	269	275	0.59	https://doi.org/10.14429/dsj.67.10820
1149	Madhevan B., Sakkaravarthi R., Mandeep Singh G., Diya R., Jha D.K.	Modelling, simulation and mechatronics design of a wireless automatic fire fighting surveillance robot	Defence Science Journal	67	5	572	580	0.59	https://doi.org/10.14429/dsj.67.10237

1150	Jakati A., Banerjee S., Jebaraj C.	Development of mathematical models, simulating vibration control of tracked vehicle weapon dynamics	Defence Science Journal	67	4	465	475	0.59	https://doi.org/10.14429/dsj.67.11532
1151	Trupti N. Patel., Richa Vasan., Manjari Trivedi., Manali Chakraborty., Priyanjali Bhattacharya	In silico Data Mining of Single Nucleotide Polymorphisms in EZH2 and Their Role in Cancer	International Journal of Cancer Management	11	2	1	e5430	0.58	http://cdn.neoscriber.org/cdn/serve/313f0/f4ed1cb8ac39551a58e452c89dff417a64b5968d/ijcm-In_Press-In_Press-5430.pdf
1152	RamasamyGanesamoorthy., RajagopalanVijayaraghavan., K Ramki., PachagounderSakthivel	Synthesis, characterization of bay-substituted perylene diimide based D-A-D type small molecules and their applications as a non-fullerene electron acceptor in polymer solar cells	JOURNAL OF SCIENCE-ADVANCED MATERIALS AND DEVICES	3	1	99	106	0.56	https://www.sciencedirect.com/science/article/pii/S2468217917301648
1153	Kubade P.R., Tambe P., Kulkarni H.B.	Morphological, thermal and mechanical properties of 90/10 (WT %/ WT %) PP/ABS blends and their polymer nanocomposites	Advanced Composites Letters	26	6	182	188	0.56	http://dx.doi.org/10.1177/096369351702600602
1154	Yadav J., Rani A., Singh V., Murari B.M.	Investigations on multisensor-based noninvasive blood glucose measurement system	Journal of Medical Devices, Transactions of the ASME	11	3	-	-	0.54	https://doi.org/10.1115/1.4036580
1155	Santra, A. K.	Optimality of Deterministic Multifacility Location Problem with Circular Area Constraint	Journal of Scientific and Industrial Research	76	3	145	148	0.534	https://pdfs.semanticscholar.org/3959/33541af3ba9a74ccd15e01e9da1554316728.pdf
1156	Santra, A. K.	Stochastic Multifacility Location Problem under Circular Area Constraint with Euclidean Norm	Journal of Scientific and Industrial Research	76	5	279	283	0.534	http://nopr.niscair.res.in/bitstream/123456789/41603/1/JSIR%2076%285%29%20279-283.pdf
1157	Sivanantham S., Tresa T.	Built-in self-test methodology for system-on-a-chip testing	Journal of Scientific and Industrial Research	76	3	149	153	0.534	http://nopr.niscair.res.in/bitstream/123456789/40650/1/JSIR%2076%283%29%20149-153.pdf
1158	Siddaiah, N.; Manjusree, B.; Aditya, A. L. G. N.; Reddy, D. V. Rama Koti	Design Simulation and Analysis of U-Shaped and Rectangular MEMS Based Triple Coupled Cantilevers	Journal of Scientific and Industrial Research	76	4	235	238	0.534	http://nopr.niscair.res.in/bitstream/123456789/41043/3/JSIR%2076%284%29%20235-238.pdf
1159	Murali, G.; Ramkumar, V. R.; Karthikeyan, K.	The Effects of Impact Loading on the Flexural Strength of Fibre Reinforced Concrete	Journal of Scientific and Industrial Research	76	12	790	794	0.534	http://nopr.niscair.res.in/handle/123456789/43194
1160	Sangeetha, D.; Vaidehi, V.	Improved Searchable Attribute Based Encryption in Cloud	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	33	3	823	836	0.53	https://doi.org/10.6688/JISE.2017.33.3.14
1161	Audithan, Sivaraman; Vijayasaro, Vijayaregunathan; Vijayakumar, Pandi; Vijayakumar, Varadarajan	An Efficient Authentication Scheme for Mobile Cloud Computing Services	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	33	3	727	741	0.53	https://doi.org/10.6688/JISE.2017.33.3.8

1162	Shynu, P. G.; Singh, K. John	An Enhanced CP-ABE Based Access Control Algorithm for Point to Multi-Point Communication in Cloud Computing	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	33	3	837	858	0.53	https://doi.org/10.6688/JISE.2017.33.3.15
1163	Pandiaraja, Perumal; Vijayakumar, Pandi; Vijayakumar, Varadarajan; Seshadhri, Raman	Computation Efficient Attribute Based Broadcast Group Key Management for Secure Document Access in Public Cloud	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	33	3	695	712	0.53	https://doi.org/10.6688/JISE.2017.33.3.6
1164	Chacko R., Rajkumar E.R.	Three dimensional echocardiography: Recent trends in segmentation methods	Current Medical Imaging Reviews	13	3	245	250	0.53	https://doi.org/10.2174/1573405612666160519130156
1165	Reddy K.A., Karpagam S.	Preparation and Characterization of Drug-Loaded Phthalic Anhydride Based Hyperbranched Polyesteramide Microspheres	Pharmaceutical Chemistry Journal	50	12	857	864	0.51	https://doi.org/10.1007/s11094-017-1545-z
1166	Reddy K.A., Karpagam S.	Cellulose Orodispersible Films of Donepezil: Film Characterization and Drug Release	Pharmaceutical Chemistry Journal	51	8	707	715	0.51	https://doi.org/10.1007/s11094-017-1679-z
1167	Gowri B., Radha C.A., Ramasubramanian V.	2D linear array device as a quality assurance tool in brachytherapy applications	International Journal of Radiation Research	15	4	371	376	0.51	https://doi.org/10.18869/acadpub.ijrr.15.4.371
1168	Rajadurai M., Raja Annamalai A.	Effect of various sintering methods on microstructures and mechanical properties of titanium and its alloy (Tiâââ€š¬ââ,¬Å“Alâââ€š¬ââ,¬Å“Vâââ€š¬ââ,¬Å“X): A review	Russian Journal of Non-Ferrous Metals	58	4	434	448	0.5	https://doi.org/10.3103/S1067821217040162
1169	Ameri kottarathil helna., Kappalli sudha., Panakkool thamban aneesh., Gopinathan anilkumar	Caligus cybii (Caligidae, Copepoda) Parasitising the Commercially Exploited Seer Fish, Scomberomorus commerson, from the Malabar Coast (India)- Occurrence and Adaptations	Turkish Journal of Fisheries and Aquatic Sciences	18	-	445	455	0.482	http://www.trjfas.org/abstract.php?id=1184
1170	Ashok B., Denis Ashok S., Ramesh Kumar C.	An integrated pedal follower and torque based approach for electronic throttle control in a motorcycle engine	Engineering Journal	21	1	63	80	0.48	https://doi.org/10.4186/ej.2017.21.1.63
1171	Anand M., Ranjitha J., Alagar M., Selvaraj V.	Phytoconstituents from the Roots of Achyranthes aspera and Their Anticancer Activity	Chemistry of Natural Compounds	-	-	1	3	0.45	https://doi.org/10.1007/s10600-017-1946-y
1172	Jayapalu K., Malipeddi H.	Stability indicative HPLC determination of related substances and identification of potential degradants using LC-MS in triple combination antiretroviral tablets	Acta Poloniae Pharmaceutica - Drug Research	74	1	81	92	0.45	http://ptf.content-manager.pl/pub/File/Acta_Poloniae/2017/Nr%201/081.pdf

1173	Fuloria S., Fuloria N.K., Karupiah S., Sathasivam K., Singh S., Gupta K., Jain A., Sridevi U., Himaja M., Shanker S.	Synthesis and discerning of antibiotic potential of PCMX based novel azetidinones	Acta Poloniae Pharmaceutica - Drug Research	74	6	1711	1715	0.45	https://www.researchgate.net/profile/Kingsley_Agu2/publication/322138287_In_vivo_anti-neoplastic_properties_of_Annona_muricata_on_cycas_-treated_adult_Wistar_rats/links/5a476314458515f6b055e083/In-vivo-anti-neoplastic-properties-of-Annona-muricata-on-cycas-treated-adult-Wistar-rats.pdf#page=93
1174	Sumathi S., Buvaneswari G.	Room temperature synthesis of 3,4-dihydropyrimidin-2(1H)-one using apatite like oxyphosphate	Inorganic and Nano-Metal Chemistry	47	7	961	965	0.43	https://doi.org/10.1080/24701556.2017.1284088
1175	Manupati V.K., Krishnan M.G., Varela M.L.R., Machado J.	Telefacturing Based Distributed Manufacturing Environment for Optimal Manufacturing Service by Enhancing the Interoperability in the Hubs	Journal of Engineering (United States)	2017	-	-	-	0.43	https://doi.org/10.1155/2017/9305989
1176	Jose J., Rajasekaran V.	The influence of authorities on writers in a society: Censorship rules and challenges faced by dissident writers with reference to remarque's all quiet on the western front	Forum for World Literature Studies	9	2	293	301	0.43	https://www.researchgate.net/publication/319094406_The_influence_of_authorities_on_writers_in_a_society_Censorship_rules_and_challenges_faced_by_dissident_writers_with_reference_to_remarque's_all_quiet_on_the_western_front
1177	Muthuchamy, A.; Annamalai, A. Raja; Ranka, Rishabh	RETRACTION: Mechanical and Electrochemical Characterization of Super-Solidus Sintered Austenitic Stainless Steel (316L) (Retraction of Vol 35, Pg 643, 2016)	High Temperature Materials and Processes	36	3	305	305	0.43	https://doi.org/10.1515/htmp-2016-8787
1178	Singh, K. John; Gagneja, Kunal	Overview of securing multimedia content using efficient encryption methods and modes	INTERNATIONAL JOURNAL OF ADVANCED AND APPLIED SCIENCES	4	10	84	96	0.41	-
1179	Ayyappadas C., Annamalai A.R., Agrawal D.K., Muthuchamy A.	Conventional and microwave assisted sintering of copper-silicon carbide metal matrix composites: A comparison	Metallurgical Research and Technology	114	5	-	-	0.41	https://doi.org/10.1051/metal/2017033
1180	Prasad, M. P. R.; Swarup, A.; Venugopal, P.; Pradeep, John	SLIDING MODE BASED PREDICTIVE CONTROLLER OF A SPHEROIDAL UNDERWATER VEHICLE	INTERNATIONAL JOURNAL OF MARITIME ENGINEERING	159	-	A311	A311	0.4	https://www.rina.org.uk/IJME_418.html

1181	Chamkha, Ali J.; Rashad, A. M.; Kameswaran, P. K.; Abdou, M. M. M.	Radiation Effects on Natural Bioconvection Flow of a Nanofluid Containing Gyrotactic Microorganisms Past a Vertical Plate with Streamwise Temperature Variation	JOURNAL OF NANOFLUIDS	6	3	587	595	0.34	https://doi.org/10.1166/jon.2017.1351
1182	Pavithra S., Shanthakumar S.	Removal of COD, BOD and color from municipal solid waste leachate using silica and iron nano particles - a comparative study	Global Media Journal	19	1	122	130	0.34	https://journal.gnest.org/sites/default/files/Submissions/gnest_02065/gnest_02065_proof.pdf
1183	Dutta S., Ramachandra Murthy A., Kim D., Samui P.	Prediction of compressive strength of self-compacting concrete using intelligent computational modeling	Computers, Materials and Continua	53	2	167	185	0.33	http://www.techscience.com/doi/10.3970/cmc.2017.053.167.pdf
1184	Aneesh Panakkool-Thampan., Helna Ameri Kottarathil., Sudha Kappalli., Anilkumar Gopinathan	First record of Glossobius auritus Bovallius 1885 and Glossobius hemiramphi Williams and Williams 1985 (Crustacea: Isopoda: Cymothoidae) parasitizing the marine fishes from Indian Coast	Thalassas: An International Journal of Marine Sciences	34	1	173	189	0.31	https://doi.org/10.1007/s41208-017-0050-1
1185	Subbu Lakshmi E., Yarrakula K.	Comparative analysis of digital elevation models: A case study around madduleru river	Indian Journal of Geo-Marine Sciences	46	7	1339	1351	0.289	http://nopr.niscair.res.in/bitstream/123456789/42246/1/IJMS%2046%287%29%201339-1351.pdf
1186	Vignesh Kumar M., Yarrakula K.	Comparison of efficient techniques of hyper-spectral image preprocessing for mineralogy and vegetation studies	Indian Journal of Geo-Marine Sciences	46	5	1008	1021	0.289	http://nopr.niscair.res.in/bitstream/123456789/41650/1/IJMS%2046%285%29%201008-1021.pdf
1187	Xavior M.A., Manohar M., Patil M.M., Jeyapandiarajan P.	Investigation of surface integrity during turning inconel 718	Transactions of the Canadian Society for Mechanical Engineering	41	3	387	394	0.24	https://pdfs.semanticscholar.org/e50d/955a94758afb14147982e5d4137fe4e5aa18.pdf
1188	Ramasamy S., Adalarasu K., Patel T.N.	Evaluation of driving-related musculoskeletal disorders in motorbike riders using quick exposure check (QEC)	Biomedical Research	28	5	1962	1968	0.21	https://pdfs.semanticscholar.org/fee9/c454eba7d00d99107e9465ab3da1c872b933.pdf
1189	Victor A., Ghalib M.R.	A hybrid segmentation approach for detection and classification of skin cancer	Biomedical Research	28	16	6947	6954	0.21	https://pdfs.semanticscholar.org/a748/b4e970984adc64930618deed6d02c0f0e874.pdf
1190	Lopez D., Manogaran G., Jagan Mohan J.	Modelling the H1N1 influenza using mathematical and neural network approaches	Biomedical Research	28	8	3711	3715	0.21	http://www.biomedres.info/biomedical-research/modelling-the-h1n1-influenza-using-mathematical-and-neural-network-approaches.html

1191	Puyalnithi T., Vankadara M.V.	Prediction of transition sequence of diseasesâââ€š¬ââ€ž¢ severity levels using clinical datasets with data mining approaches	Biomedical Research	28	15	6900	6906	0.21	http://www.alliedacademies.org/articles/prediction-of-transition-sequence-of-diseases-severity-levels-using-clinical-datasets-with-data-mining-approaches-8118.html
1192	Mohanalakshmi S., Sivasubramanian A., Swarnalatha A.	Statistical analysis of pulse rate variability quantified through second derivative photoplethysmogram (SDPPG) and its compatibility with electrocardiographic (ECG) heart rate variability	Biomedical Research	28	2	689	694	0.21	http://www.biomedres.info/biomedical-research/statistical-analysis-of-pulse-rate-variability-quantified-through-second-derivative-photoplethysmogram-sdppg-and-its-compatibility.html
1193	Praveen Kumar R.M., Babu M.R.	An energy aware end-to-end trust mechanism for iot healthcare applications	Biomedical Research	28	8	3456	3464	0.21	https://pdfs.semanticscholar.org/41d9/fab353c4536a8006a111654afe067a15a777.pdf
1194	Sharma B.S.M., Vidhya S., Kumar N.	System for measurement of joint range of motion using inertial sensors	Biomedical Research	28	8	3699	3704	0.21	http://www.biomedres.info/biomedical-research/system-for-measurement-of-joint-range-of-motion-using-inertial-sensors.html
1195	Dhilleswara Rao V., Dattatreya A., Dan M.M., Sarangi T., Sasidhar K., Rahul J.	Translational approach in emerging infectious disease treatment: An update	Biomedical Research	28	13	5678	5686	0.21	https://pdfs.semanticscholar.org/02c6/fd3abed50d1771f78dd071f5f92dc5263574.pdf?_ga=2.214496543.909079726.1561694546-295110896.1559128694
1196	Rizwan P., Babu M.R., Suresh K.	Design and development of low investment smart hospital using internet of things through innovative approaches	Biomedical Research	28	11	4979	4985	0.21	http://www.biomedres.info/biomedical-research/design-and-development-of-low-investment-smart-hospital-using-internet-of-things-through-innovative-approaches.html

1197	Rajan R.S., Rajasingh I., Arockiaraj M., Rajalaxmi T.M., Mahavir B.	Embedding of hypercubes into generalized books	Ars Combinatoria	135	-	133	151	0.19	
1198	Arockiaraj M., Packiaraj L., Rajan R.S.	Exact wirelength of circulant networks into cycle-of-ladders	Ars Combinatoria	132	-	269	283	0.19	https://www.semanticscholar.org/paper/Exact-Wirelength-of-Circulant-Networks-into-Arockiaraj-Packiaraj/6b26be53512c6d22b9021c044fc36177cadf96b7
1199	Rajasingh I., Rajan R.S.	Exact wirelength of embedding circulant networks into necklace and windmill graphs	Ars Combinatoria	130	-	215	237	0.19	https://www.tib.eu/en/search/id/BLSE%3ARN609416929/Exact-Wirelength-of-Embedding-Circulant-Networks/
1200	Jeyapandiarajan, P.; Xavior, M. Anthony	Experimental Investigations on the Machinability of Inconel 718 Under Different Cutting Conditions	JOURNAL OF THE CHINESE SOCIETY OF MECHANICAL ENGINEERS	38	3	295	304	0.13	https://www.researchgate.net/publication/321678546_Experimental_Investigations_on_the_Machinability_of_Inconel_718_Under_Different_Cutting_Conditions