SELECTED PUBLICATIONS DURING - 2018

S.NO	Authors	Title of the Article	Name of the Journal	Vol.	Issue	Page No. Start	Page No. End	Impact Factor	DOI
1	Suresh P.K.	Tumor Heterogeneity: An Important Determinant for Efficacy and Safety in Nanoparticle Anticancer Gene Therapy	Trends in Biotechnology	-	-	-	-	13.75	https://doi.org/10.1016/j.tibtech.2018.02.005
2	Saha K., Chandrasekaran V., Heber O., Iron M.A., Rappaport M.L., Zajfman D.	Ultraslow isomerization in photoexcited gas-phase carbon cluster - 10	Nature Communications	9	1	-	-	11.88	https://doi.org/10.1038/s41467-018-03197-w
3	Saha, K.; Chandrasekaran, V.; Heber, O.; Iron, M. A.; Rappaport, M. L.; Zajfman, D.	Ultraslow isomerization in photoexcited gas-phase carbon cluster C-10(-)	Nature Communications	9	-	-	-	11.88	-
4	Vilian A.T.E., Dinesh B., Rethinasabapathy M., Hwang S.-K., Jin C.-S., Huh Y.S., Han Y.-K.	Hexagonal Co3O4 anchored reduced graphene oxide sheets for high-performance supercapacitors and non-enzymatic glucose sensing	Journal of Materials Chemistry A	6	29	14367	14379	10.73	https://doi.org/10.1039/c8ta04941f
5	Pillai D.S., Rajasekar N.	Metaheuristic algorithms for PV parameter identification: A comprehensive review with an application to threshold setting for fault detection in PV systems	Renewable and Sustainable Energy Reviews	82	-	3503	3525	10.56	https://doi.org/10.1016/j.rser.2017.10.107
6	Kumari P.A., Geethanjali P.	Parameter estimation for photovoltaic system under normal and partial shading conditions: A survey	Renewable and Sustainable Energy Reviews	84	-	1	11	10.56	https://doi.org/10.1016/j.rser.2017.10.051
7	Dhanup S.Pillai., N.Rajasekar	A comprehensive review on protection challenges and fault diagnosis in PV systems	Renewable and Sustainable Energy Reviews	91	-	18	40	10.56	https://www.sciencedirect.com/science/article/pii/S1364032118301758
8	Mazumdar P., Singh P., Babu S., Siva R., Harikrishna J.A.	An update on biological advancement of Jatropha curcas L.: New insight and challenges	Renewable and Sustainable Energy Reviews	91	-	903	917	10.56	https://doi.org/10.1016/j.rser.2018.04.082
9	Reka S.S., Dragicevic T.	Future effectual role of energy delivery: A comprehensive review of Internet of Things and smart grid	Renewable and Sustainable Energy Reviews	91	-	90	108	10.56	https://doi.org/10.1016/j.rser.2018.03.089
10	Ankit., Sahoo S.K., Sukchai S., Yanine F.F.	Review and comparative study of single-stage inverters for a PV system	Renewable and Sustainable Energy Reviews	91	-	962	986	10.56	https://doi.org/10.1016/j.rser.2018.04.063
11	Reshma Gopi R., Sreejith S.	Converter topologies in photovoltaic applications âââ€š¬ââ‚¬Å“ A review	Renewable and Sustainable Energy Reviews	94	-	1	14	10.56	https://doi.org/10.1016/j.rser.2018.05.047
12	Priya K., Sathishkumar K., Rajasekar N.	A comprehensive review on parameter estimation techniques for Proton Exchange Membrane fuel cell modelling	Renewable and Sustainable Energy Reviews	93	-	121	144	10.56	https://doi.org/10.1016/j.rser.2018.05.017
13	Chhawchharia S., Sahoo S.K., Balamurugan M., Sukchai S., Yanine F.	Investigation of wireless power transfer applications with a focus on renewable energy	Renewable and Sustainable Energy Reviews	91	-	888	902	10.56	https://doi.org/10.1016/j.rser.2018.04.101

14	Zheng Z., Sangaiah A.K., Wang T.	Adaptive Communication Protocols in Flying Ad Hoc Network	IEEE Communications Magazine	56	1	136	142	10.36	https://doi.org/10.1109/MCOM.2017.1700323
15	Qiu, Tie; Liu, Xize; Li, Keqiu; Hu, Qing; Sangaiah, Arun Kumar; Chen, Ning	Community-Aware Data Propagation with Small World Feature for Internet of Vehicles	IEEE Communications Magazine	56	1	86	91	10.36	-
16	Zhang J., Qu X., Sangaiah A.K.	A Study of Green Development Mode and Total Factor Productivity of the Food Industry Based on the Industrial Internet of Things	IEEE Communications Magazine	56	5	72	78	10.36	https://doi.org/10.1109/MCOM.2018.1700789
17	Wen J., Ren C., Sangaiah A.K.	Energy-Efficient Device-to-Device Edge Computing Network: An Approach Offloading Both Traffic and Computation	IEEE Communications Magazine	56	9	96	102	10.36	https://doi.org/10.1109/MCOM.2018.17010543
18	Rodrigues, Joel J. P. C.; Wang, Xizhao; Sangaiah, Arun Kumar; Sheng, Michael	Guest Editorial Special Issue on Integrated Computing: Computational Intelligence Paradigms and Internet of Things for Industrial Applications	IEEE Internet of Things Journal	5	3	1572	1574	9.52	-
19	Mishra A.K., Tripathy A.K., Puthal D., Yang L.T.	Analytical Model for Sybil Attack Phases in Internet of Things	IEEE Internet of Things Journal	-	-	-	-	9.52	https://doi.org/10.1109/JIOT.2018.2843769
20	Manoj D., Theyagarajan K., Saravanakumar D., Senthilkumar S., Thenmozhi K.	Aldehyde functionalized ionic liquid on electrochemically reduced graphene oxide as a versatile platform for covalent immobilization of biomolecules and biosensing	Biosensors and Bioelectronics	103	-	104	112	9.52	https://doi.org/10.1016/j.bios.2017.12.030
21	Mathew R., Ravi Sankar A.	A Review on Surface Stress-Based Miniaturized Piezoresistive SU-8 Polymeric Cantilever Sensors	Nano-Micro Letters	10	2	-	-	9.04	https://doi.org/10.1007/s40820-018-0189-1
22	Vavilapalli S., Umashankar S., Sanjeevikumar P., Ramachandaramurthy V.K., Mihet-Popa L., FedÃik V.	Three-stage control architecture for cascaded H-Bridge inverters in large-scale PV systems ââ‚¬œ Real time simulation validation	Applied Energy	229	-	1111	1127	8.43	https://doi.org/10.1016/j.apenergy.2018.08.059
23	Mullick, Madhubanti; Sen, Dwaipayan	DOR Activation Inhibits Hypoxia-Reperfusion Mediated Death of Human MSCs via Down-Regulating UPR and ROS along with Enhanced Anti-Inflammatory Effect	MOLECULAR THERAPY	26	5	81	81	8.4	-
24	Reddy, Vinod Kumar L.; Sen, Dwaipayan	DOR Rescues Human MSCs Subjected to 'Serum Free' Apoptotic Condition and Enhances Anti-Inflammatory Effect in Part via the DOR/PI3K/Akt Pathway	MOLECULAR THERAPY	26	5	221	222	8.4	-
25	Kashyap A.M., Gurumoorthy A.V.P., Subramaniam P.	Symmetric and asymmetric coupled autocatalytic reactions in an isothermal CSTR	Chemical Engineering Journal	337	-	642	653	8.36	https://doi.org/10.1016/j.cej.2017.12.128
26	Mukund N., Thakur S., Abraham S., Aniyan A.K., Mitra S., Philip N.S., Vaghmare K., Acharjya D.P.	An Information Retrieval and Recommendation System for Astronomical Observatories	Astrophysical Journal, Supplement Series	235	1	-	-	8.31	https://doi.org/10.3847/1538-4365/aaadb2
27	Simha P., Lalander C., Ramanathan A., Vijayalakshmi C., McConville J.R., VinnerÃ¥s B., Ganesapillai M.	What do consumers think about recycling human urine as fertiliser? Perceptions and attitudes of a university community in South India	Water Research	143	-	527	538	7.91	https://doi.org/10.1016/j.watres.2018.07.006

28	Karati A., Islam S.H., Karuppiah M.	Provably Secure and Lightweight Certificateless Signature Scheme for IIoT Environments	IEEE Transactions on Industrial Informatics	Early Access	Early Access	1	1	7.38	https://doi.org/10.1109/TII.2018.2794991
29	Qiu T., Wang H., Li K., Ning H., Sangaiah A.K., Chen B.	SIGMM: A Novel Machine Learning Algorithm for Spammer Identification in Industrial Mobile Cloud Computing	IEEE Transactions on Industrial Informatics	-	-	1	1	7.38	https://doi.org/10.1109/TII.2018.2799907
30	B P.S., Hemamalini S.	Rational-Dilation Wavelet Transform based Torque Estimation from Acoustic signals for Fault Diagnosis in a Three Phase Induction Motor	IEEE Transactions on Industrial Informatics	-	-	-	-	7.38	https://doi.org/10.1109/TII.2018.2874463
31	Li X., Niu J., Bhuiyan M.Z.A., Wu F., Karuppiah M., Kumari S.	A robust ECC-Based provable secure authentication protocol with privacy preserving for industrial internet of things	IEEE Transactions on Industrial Informatics	14	8	3599	3609	7.38	https://doi.org/10.1109/TII.2017.2773666
32	Lv N., Chen C., Qiu T., Sangaiah A.K.	Deep Learning and Superpixel Feature Extraction Based on Contractive Autoencoder for Change Detection in SAR Images	IEEE Transactions on Industrial Informatics	14	12	5530	5538	7.38	https://doi.org/10.1109/TII.2018.2873492
33	Samuel M.S., Subramaniyan V., Bhattacharya J., Chidambaram R., Qureshi T., Pradeep Singh N.D.	Ultrasonic-assisted synthesis of graphene oxide âââ€š¬ââ‚¬Å“ fungal hyphae: An efficient and reclaimable adsorbent for chromium(VI) removal from aqueous solution	Ultrasonics Sonochemistry	48	-	412	417	7.28	https://doi.org/10.1016/j.ultsonch.2018.06.012
34	Abraham R., Mathew S., Kurian S., Saravanakumar M.P., Mary Ealias A., George G.	Facile synthesis, growth process, characterisation of a nanourchin-structured Î±-MnO2 and their application on ultrasonic-assisted adsorptive removal of cationic dyes: A half-life and half-capacity concentration approach	Ultrasonics Sonochemistry	49	-	175	189	7.28	https://doi.org/10.1016/j.ultsonch.2018.07.045
35	John B., Senthilkumar P., Sadasivan S.	Applied and Theoretical Aspects of Conjugate Heat Transfer Analysis: A Review	Archives of Computational Methods in Engineering	-	-	1	15	7.24	https://doi.org/10.1007/s11831-018-9252-9
36	Pillai D.S., N R.	An MPPT based Sensorless Line-Line and Line-Ground Fault Detection Technique for PV systems	IEEE Transactions on Power Electronics	-	-	-	-	7.22	https://doi.org/10.1109/TPEL.2018.2884292
37	Nanthagopal K., Ashok B., Saravanan B., Patel D., Sudarshan B., Aaditya Ramasamy R.	An assessment on the effects of 1-pentanol and 1-butanol as additives with Calophyllum Inophyllum biodiesel	Energy Conversion and Management	158	-	70	80	7.18	https://doi.org/10.1016/j.enconman.2017.12.048
38	Dhana Raju V., Kishore P.S., Nanthagopal K., B.Ashok	An experimental study on the effect of nanoparticles with novel tamarind seed methyl ester for diesel engine applications	Energy Conversion and Management	164	-	655	666	7.18	https://doi.org/10.1016/j.enconman.2018.03.032
39	Dhanalakshmi B., Rajasekar N.	Dominance square based array reconfiguration scheme for power loss reduction in solar PhotoVoltaic (PV) systems	Energy Conversion and Management	156	-	84	102	7.18	https://doi.org/10.1016/j.enconman.2017.10.080
40	Babu C., Ponnambalam P.	The theoretical performance evaluation of hybrid PV-TEG system	Energy Conversion and Management	173	-	450	460	7.18	https://doi.org/10.1016/j.enconman.2018.07.104
41	Pillai D.S., Prasanth Ram J., Siva Sai Nihanth M., Rajasekar N.	A simple, sensorless and fixed reconfiguration scheme for maximum power enhancement in PV systems	Energy Conversion and Management	172	-	402	417	7.18	https://doi.org/10.1016/j.enconman.2018.07.016

42	Ashok B., Nanthagopal K., Saravanan B., Somasundaram P., Jegadheesan C., Chaturvedi B., Sharma S., Patni G.	A novel study on the effect lemon peel oil as a fuel in CRDI engine at various injection strategies	Energy Conversion and Management	172	-	517	528	7.18	https://doi.org/10.1016/j.enconman.2018.07.037
43	Ashok, B.; Nanthagopal, K.; Saravanan, B.; Somasundaram, P.; Jegadheesan, C.; Chaturvedi, Bhaskar; Sharma, Shivam; Patni, Gaurang	A novel study on the effect lemon peel oil as a fuel in CRDI engine at various	ENERGY CONVERSION AND MANAGEMENT	172	-	517	528	7.18	https://doi.org/10.1016/j.enconman.2018.07.037
44	Dhanalakshmi B., Rajasekar N.	A novel Competence Square based PV array reconfiguration technique for solar PV maximum power extraction	Energy Conversion and Management	174	-	897	912	7.18	https://doi.org/10.1016/j.enconman.2018.08.077
45	Pillai D.S., Rajasekar N., Ram J.P., Chinnaiyan V.K.	Design and testing of two phase array reconfiguration procedure for maximizing power in solar PV systems under partial shade conditions (PSC)	Energy Conversion and Management	178	-	92	110	7.18	https://doi.org/10.1016/j.enconman.2018.10.020
46	Loganathan G., Subhashree V., Breite A.G., Tucker W.W., Narayanan S., Dhanasekaran M., Mokshagundam S.P., Green M.L., Hughes M.G., Williams S.K., Dwulet F.E., McCarthy R.C., Balamurugan A.N.	Beneficial effect of recombinant rC1rC2 collagenases on human islet function: Efficacy of low-dose enzymes on pancreas digestion and yield	American Journal of Transplantation	18	2	478	485	7.16	https://doi.org/10.1111/ajt.14542
47	Loganathan G., Subhashree V., Narayanan S., Tweed B., Andrew Goedde M., Gunaratnam B., Tucker W.W., Goli P., Mokshagundam S., McCarthy R.C., Williams S.K., Hughes M.G., Balamurugan A.N.	Improved recovery of human islets from young donor pancreases utilizing increased protease dose to collagenase for digesting peri-islet extracellular matrix	American Journal of Transplantation	-	-	-	-	7.16	https://doi.org/10.1111/ajt.15111
48	Lakshmana Reddy N., Cheralathan K.K., Durga Kumari V., Neppolian B., Muthukonda Venkatakrishnan S.	Photocatalytic Reforming of Biomass Derived Crude Glycerol in Water: A Sustainable Approach for Improved Hydrogen Generation Using Ni(OH)2 Decorated TiO2 Nanotubes under Solar Light Irradiation	ACS Sustainable Chemistry and Engineering	6	3	3754	3764	6.97	https://doi.org/10.1021/acssuschemeng.7b04118
49	Pavithra P.S., Mehta A., Verma R.S.	Essential oils: from prevention to treatment of skin cancer	Drug Discovery Today	-	-	-	-	6.88	https://doi.org/10.1016/j.drudis.2018.11.020
50	Gomes S., Vichery C., Descamps S., Martinez H., Kaur A., Jacobs A., Nedelec J.-M., Renaudin G.	Cu-doping of calcium phosphate bioceramics: From mechanism to the control of cytotoxicity	Acta Biomaterialia	65	-	462	474	6.64	https://doi.org/10.1016/j.actbio.2017.10.028
51	Simha P., Zabaniotou A., Ganesapillai M.	Continuous ureaâââ€š¬ââ,¬Å“nitrogen recycling from human urine: A step towards creating a human excreta based bioâââ€š¬ââ,¬Å“economy	Journal of Cleaner Production	172	-	4152	4161	6.4	https://doi.org/10.1016/j.jclepro.2017.01.062
52	Nanthagopal K., Ashok B., Saravanan B., Korah S.M., Chandra S.	Effect of next generation higher alcohols and Calophyllum inophyllum methyl ester blends in diesel engine	Journal of Cleaner Production	180	-	50	63	6.4	https://doi.org/10.1016/j.jclepro.2018.01.167

53	Kennedy L.J., Ratnaji T., Konikkara N., Vijaya J.J.	Value added porous carbon from leather wastes as potential supercapacitor electrode using neutral electrolyte	Journal of Cleaner Production	197	-	930	936	6.4	https://doi.org/10.1016/j.jclepro.2018.06.244
54	Priyanka M., Saravanakumar M.P.	Ultrahigh adsorption capacity of starch derived zinc based carbon foam for adsorption of toxic dyes and its preliminary investigation on oil-water separation	Journal of Cleaner Production	197	-	511	524	6.4	https://doi.org/10.1016/j.jclepro.2018.06.197
55	Sharan R., Roy M., Tyagi A.K., Dutta A.	Lanthanum gallate based amperometric electrochemical sensor for detecting ammonia in ppm level: Optimization of electrode compositions	Sensors and Actuators, B: Chemical	258	-	454	460	6.39	https://doi.org/10.1016/j.snb.2017.11.137
56	Venkatesan Muthukumar., Sathiyanarayanan Kulathu Iyer	Highly selective chemosensor for the detection of Ru3+ ion by fluorescent turn-on response and its bioimaging recognition in living cells	Sensors and Actuators, B: Chemical	267	-	373	380	6.39	https://www.sciencedirect.com/science/article/pii/S0925400518305677
57	DevarajManoj., R.Saravanan., JayadevanSanthanalakshmi., ShilpiAgarwal., Vinod KumarGupta., RabahBoukherroub	Towards green synthesis of monodisperse Cu nanoparticles: An efficient and high sensitive electrochemical nitrite sensor	Sensors and Actuators, B: Chemical	266	-	873	882	6.39	https://www.sciencedirect.com/science/article/pii/S0925400518306397
58	Rajendran S., Manoj D., Raju K., Dionysiou D.D., Naushad M., Gracia F., Cornejo L., Gracia-Pinilla M.A., Ahamad T.	Influence of mesoporous defect induced mixed-valent NiO (Ni2+/Ni3+)-TiO2 nanocomposite for non-enzymatic glucose biosensors	Sensors and Actuators, B: Chemical	264	-	27	37	6.39	https://doi.org/10.1016/j.snb.2018.02.165
59	Vishnu N., Kumar A.S., Pan G.-T., Yang T.C.-K.	Selective electrochemical polymerization of 1-napthylamine on carbon electrodes and its pH sensing behavior in non-invasive body fluids useful in clinical applications	Sensors and Actuators, B: Chemical	275	-	31	42	6.39	https://doi.org/10.1016/j.snb.2018.08.022
60	George V.C., Ansari S.A., Chelakkot V.S., Chelakkot A.L., Chelakkot C., Menon V., Ramadan W., Ethiraj K.R., El-Awady R., Mantso T., Mitsiogianni M., Panagiotidis M.I., Dellaire G., Vasantha Rupasinghe H.P.	DNA-dependent protein kinase: Epigenetic alterations and the role in genomic stability of cancer	Mutation Research - Reviews in Mutation Research	-	-	-	-	6.08	https://doi.org/10.1016/j.mrrev.2018.06.001
61	Muthu Ramalingam B., Dhatchana Moorthy N., Chowdhury S.R., Mageshwaran T., Vellaichamy E., Saha S., Ganesan K., Rajesh B.N., Iqbal S., Majumder H.K., Gunasekaran K., Siva R., Mohanakrishnan A.K.	Synthesis and Biological Evaluation of Calothrixins B and their Deoxygenated Analogues	Journal of Medicinal Chemistry	61	3	1285	1315	6.05	https://doi.org/10.1021/acs.jmedchem.7b01797
62	Rajamani M., Maliyekkal S.M.	Chitosan reinforced boehmite nanocomposite desiccant: A promising alternative to silica gel	Carbohydrate Polymers	194	-	245	251	6.04	https://doi.org/10.1016/j.carbpol.2018.04.051

63	Priyangini F., Walde S.G., Chidambaram R.	Extraction optimization of pectin from cocoa pod husks (Theobroma cacao L.) with ascorbic acid using response surface methodology	Carbohydrate Polymers	202	-	497	503	6.04	https://doi.org/10.1016/j.carbpol.2018.08.103
64	Kavitha C., Shankar S.A., Ashok B., Ashok S.D., Ahmed H., Kaisan M.U.	Adaptive suspension strategy for a double wishbone suspension through camber and toe optimization	Engineering Science and Technology, an International Journal	21	1	149	158	5.93	https://doi.org/10.1016/j.jestch.2018.02.003
65	Elhoseny M., Abdelaziz A., Salama A.S., Riad A.M., Muhammad K., Sangaiah A.K.	A hybrid model of Internet of Things and cloud computing to manage big data in health services applications	Future Generation Computer Systems	86	-	1383	1394	5.77	https://doi.org/10.1016/j.future.2018.03.005
66	Pillai A., Soundrapandiyan R., Satapathy S., Satapathy S.C., Jung K.-H., Krishnan R.	Local diagonal extrema number pattern: A new feature descriptor for face recognition	Future Generation Computer Systems	81	-	297	306	5.77	https://doi.org/10.1016/j.future.2017.09.055
67	Yang J., Wang C., Zhao Q., Jiang B., Lv Z., Sangaiah A.K.	Marine surveying and mapping system based on Cloud Computing and Internet of Things	Future Generation Computer Systems	85	-	39	50	5.77	https://doi.org/10.1016/j.future.2018.02.032
68	Manogaran G., Varatharajan R., Lopez D., Kumar P.M., Sundarasekar R., Thota C.	A new architecture of Internet of Things and big data ecosystem for secured smart healthcare monitoring and alerting system	Future Generation Computer Systems	82	-	375	387	5.77	https://doi.org/10.1016/j.future.2017.10.045
69	Ali Z., Hossain M.S., Muhammad G., Sangaiah A.K.	An intelligent healthcare system for detection and classification to discriminate vocal fold disorders	Future Generation Computer Systems	85	-	19	28	5.77	https://doi.org/10.1016/j.future.2018.02.021
70	Ali HassanSodhro., Sandeep Pirbhulal., Arun Kumar Sangaiah	Convergence of IoT and product lifecycle management in medical health care	Future Generation Computer Systems	86	-	380	391	5.77	https://www.sciencedirect.com/science/article/pii/S0167739X17328509
71	Kumar P.M., Lokesh S., Varatharajan R., Chandra Babu G., Parthasarathy P.	Cloud and IoT based disease prediction and diagnosis system for healthcare using Fuzzy neural classifier	Future Generation Computer Systems	86	-	527	534	5.77	https://doi.org/10.1016/j.future.2018.04.036
72	Manogaran G., Lopez D., Chilamkurti N.	In-Mapper combiner based MapReduce algorithm for processing of big climate data	Future Generation Computer Systems	86	-	433	445	5.77	https://doi.org/10.1016/j.future.2018.02.048
73	Liu W., Wang J., Sangaiah A.K., Yin J.	Dynamic metric embedding model for point-of-interest prediction	Future Generation Computer Systems	83	-	183	192	5.77	https://doi.org/10.1016/j.future.2017.12.014
74	Zhang H., Xiao X., Mercaldo F., Ni S., Martinelli F., Sangaiah A.K.	Classification of ransomware families with machine learning based on N-gram of opcodes	Future Generation Computer Systems	90	-	211	221	5.77	https://doi.org/10.1016/j.future.2018.07.052
75	Moreira M.W.L., Rodrigues J.J.P.C., Sangaiah A.K., Al-Muhtadi J., Korotaev V.	Semantic interoperability and pattern classification for a service-oriented architecture in pregnancy care	Future Generation Computer Systems	89	-	137	147	5.77	https://doi.org/10.1016/j.future.2018.04.031
76	Basu S., Karuppiah M., Selvakumar K., Li K.-C., Islam S.K.H., Hassan M.M., Bhuiyan M.Z.A.	An intelligent/cognitive model of task scheduling for IoT applications in cloud computing environment	Future Generation Computer Systems	88	-	254	261	5.77	https://doi.org/10.1016/j.future.2018.05.056
77	Zheng Z., Saxena N., Mishra K.K., Sangaiah A.K.	Guided dynamic particle swarm optimization for optimizing digital image watermarking in industry applications	Future Generation Computer Systems	88	-	92	106	5.77	https://doi.org/10.1016/j.future.2018.05.027
78	Navarro J., Doctor F., Zamudio V., Iqbal R., Sangaiah A.K., Lino C.	Fuzzy adaptive cognitive stimulation therapy generation for Alzheimer's sufferers: Towards a pervasive dementia care monitoring platform	Future Generation Computer Systems	88	-	730	731	5.77	https://doi.org/10.1016/j.future.2018.06.018

79	Mahmood K., Li X., Chaudhry S.A., Naqvi H., Kumari S., Sangaiah A.K., Rodrigues J.J.P.C.	Pairing based anonymous and secure key agreement protocol for smart grid edge computing infrastructure	Future Generation Computer Systems	88	-	491	500	5.77	https://doi.org/10.1016/j.future.2018.06.004
80	Wu W., Pirbhulal S., Sangaiah A.K., Mukhopadhyay S.C., Li G.	Optimization of signal quality over comfortability of textile electrodes for ECG monitoring in fog computing based medical applications	Future Generation Computer Systems	86	-	515	526	5.77	https://doi.org/10.1016/j.future.2018.04.024
81	Gupta B.B., Sangaiah A.K., Nedjah N., Yamaguchi S., Zhang Z., Sheng M.	Recent research in computational intelligence paradigms into security and privacy for online social networks (OSNs)	Future Generation Computer Systems	86	-	851	854	5.77	https://doi.org/10.1016/j.future.2018.05.017
82	Yao, Shihong; Sangaiah, Arun Kumar; Zheng, Zhigao; Wang, Tao	Sparsity estimation estimation matching pursuit algorithm based on restricted isometry property for signal reconstruction	Future Generation Computer Systems	88	-	747	754	5.77	https://doi.org/10.1016/j.future.2017.09.034
83	Jamsheer K M., Sharma M., Singh D., Mannully C.T., Jindal S., Shukla B.N., Laxmi A.	FCS-like zinc finger 6 and 10 repress SnRK1 signalling in Arabidopsis	Plant Journal	94	2	232	245	5.73	https://doi.org/10.1111/tpj.13854
84	Dinesh P., Rasool M.	uPA/uPAR signaling in rheumatoid arthritis: Shedding light on its mechanism of action	Pharmacological Research	134	-	31	39	5.57	https://doi.org/10.1016/j.phrs.2018.05.016
85	Asokan M.A., Senthur prabu S., Kamesh S., Khan W.	Performance, combustion and emission characteristics of diesel engine fuelled with papaya and watermelon seed oil bio-diesel/diesel blends	Energy	145	-	238	245	5.54	https://doi.org/10.1016/j.energy.2017.12.140
86	Porpatham E., Ramesh A., Nagalingam B.	Experimental studies on the effects of enhancing the concentration of oxygen in the inducted charge of a biogas fuelled spark ignition engine	Energy	142	-	303	312	5.54	https://doi.org/10.1016/j.energy.2017.10.025
87	Senthur Prabu S., Asokan M.A., Prathiba S., Ahmed S., Puthean G.	Effect of additives on performance, combustion and emission behavior of preheated palm oil/diesel blends in DI diesel engine	Renewable Energy	122	-	196	205	5.44	https://doi.org/10.1016/j.renene.2018.01.068
88	Abubakar S., Umaru S., Kaisan M.U., Umar U.A., Ashok B., Nanthagopal K.	Development and performance comparison of mixed-mode solar crop dryers with and without thermal storage	Renewable Energy	128	-	285	298	5.44	https://doi.org/10.1016/j.renene.2018.05.049
89	Karthikeyan, A. K.; Murugavelh, S.	Thin layer drying kinetics and exergy analysis of turmeric (Curcuma longa) in a mixed mode forced convection solar tunnel dryer	Renewable Energy	128	-	305	312	5.44	-
90	Sakthivel M., Ramaraj S., Chen S.-M., Dinesh B.	Synthesis of rose like structured LaCoO3 assisted functionalized carbon nanofiber nanocomposite for efficient electrochemical detection of anti-inflammatory drug 4-aminoantipyrine	Electrochimica Acta	260	-	571	581	5.38	https://doi.org/10.1016/j.electacta.2017.11.122
91	Mayuri P., Huang S.-T., Mani V., Kumar A.S.	A new organic redox species-indole tetraone trapped MWCNT modified electrode prepared by in-situ electrochemical oxidation of indole for a bifunctional electrocatalysis and simultaneous flow injection electroanalysis of hydrazine and hydrogen peroxide	Electrochimica Acta	268	-	150	162	5.38	https://doi.org/10.1016/j.electacta.2018.02.107

92	SubramanianNellaiappan., Annamalai SenthilKumar	A bipotentiostat based separation-free method for simultaneous flow injection analysis of chromium (III) and (VI) species	Electrochimica Acta	273	-	248	256	5.38	https://www.sciencedirect.com/science/article/pii/S0013468618307540
93	Santhosh R., Raman S.R.S., Krishna S.M., Ravuri S.S., Sandhya V., Ghosh S., Sahu N.K., Punniyakoti S., Karthik M., Kollu P., Jeong S.K., Grace A.N.	Heteroatom doped graphene based hybrid electrode materials for supercapacitor applications	Electrochimica Acta	276	-	284	292	5.38	https://doi.org/10.1016/j.electacta.2018.04.142
94	Venkateshalu S., Goban Kumar P., Kollu P., Jeong S.K., Grace A.N.	Solvothermal synthesis and electrochemical properties of phase pure pyrite FeS2 for supercapacitor applications	Electrochimica Acta	290	-	378	389	5.38	https://doi.org/10.1016/j.electacta.2018.09.027
95	da Cruz M.A.A., Rodrigues J.J.P.C., Sangaiah A.K., Al-Muhtadi J., Korotaev V.	Performance evaluation of IoT middleware	Journal of Network and Computer Applications	109	-	53	65	5.27	https://doi.org/10.1016/j.jnca.2018.02.013
96	Sakthivel M., Ramaraj S., Chen S.-M., Dinesh B., Ramasamy H.V., Lee Y.S.	Entrapment of bimetallic CoFeSe2 nanosphere on functionalized carbon nanofiber for selective and sensitive electrochemical detection of caffeic acid in wine samples	Analytica Chimica Acta	-	-	-	-	5.26	https://doi.org/10.1016/j.aca.2017.12.044
97	Sindhu N., Subramaniam A., Anu Radha C.	Ultraviolet stellar population of the old open cluster M67 (NGC 2682)	Monthly Notices of the Royal Astronomical Society	481	1	226	243	5.23	https://doi.org/10.1093/mnras/sty2283
98	Gopalan A., Kommuri U.K.	Design and development of miniaturized low voltage triangular RF MEMS switch for phased array application	Applied Surface Science	-	-	-	-	5.16	https://doi.org/10.1016/j.apsusc.2018.02.210
99	Ravi K., Pradeep Bhasker J., Alexander J., Porpatham E.	CFD study and experimental investigation of piston geometry induced in-cylinder charge motion on LPG fuelled lean burn spark ignition engine	Fuel	213	-	1	11	5.13	https://doi.org/10.1016/j.fuel.2017.10.047
100	Khiratkar A.G., Balinge K.R., Patle D.S., Krishnamurthy M., Cheralathan K.K., Bhagat P.R.	Transesterification of castor oil using benzimidazolium based BrÃËÅ“nsted acid ionic liquid catalyst	Fuel	231	-	458	467	5.13	https://doi.org/10.1016/j.fuel.2018.05.127
101	Ashok B., Nanthagopal K., Anand V., Aravind K.M., Jeevanantham A.K., Balusamy S.	Effects of n-octanol as a fuel blend with biodiesel on diesel engine characteristics	Fuel	235	-	363	373	5.13	https://doi.org/10.1016/j.fuel.2018.07.126
102	Vyavahare G.D., Gurav R.G., Jadhav P.P., Patil R.R., Aware C.B., Jadhav J.P.	Response surface methodology optimization for sorption of malachite green dye on sugarcane bagasse biochar and evaluating the residual dye for phyto and cytogenotoxicity	Chemosphere	194	-	306	315	5.11	https://doi.org/10.1016/j.chemosphere.2017.11.180
103	Das A., Osborne J.W.	Monitoring the stress resistance of Pennisetum purpureum in Pb (II) contaminated soil bioaugmented with Enterobacter cloacae as defence strategy	Chemosphere	210	-	495	502	5.11	https://doi.org/10.1016/j.chemosphere.2018.07.050
104	Barman S.R., Nain A., Jain S., Punjabi N., Mukherji S., Satija J.	Dendrimer as a multifunctional capping agent for metal nanoparticles for use in bioimaging, drug delivery and sensor applications	Journal of Materials Chemistry B	6	16	2368	2384	5.05	https://doi.org/10.1039/c7tb03344c

105	Bhuvaneshwari M., Iswarya V., Vishnu S., Chandrasekaran N., Mukherjee A.	Dietary transfer of zinc oxide particles from algae (Scenedesmus obliquus) to daphnia (Ceriodaphnia dubia)	Environmental Research	164	-	395	404	5.03	https://doi.org/10.1016/j.envres.2018.03.015
106	Arumugam A.B., Ramamoorthy M., Rajamohan V., S M., S R.K.	Dynamic characterization and parametric instability analysis of rotating magnetorheological fluid composite sandwich plate subjected to periodic in-plane loading	Journal of Sandwich Structures and Materials	-	-	-	-	5.02	https://doi.org/10.1177/1099636218762690
107	Vemuluri R.B., Rajamohan V., Arumugam A.B.	Dynamic characterization of tapered laminated composite sandwich plates partially treated with magnetorheological elastomer	Journal of Sandwich Structures and Materials	20	3	308	350	5.02	https://doi.org/10.1177/1099636216652573
108	Kadiyala N.K., Mandal B.K., Ranjan S., Dasgupta N.	Bioinspired gold nanoparticles decorated reduced graphene oxide nanocomposite using Syzygium cumini seed extract: Evaluation of its biological applications	Materials Science and Engineering C	93	-	191	205	4.96	https://doi.org/10.1016/j.msec.2018.07.075
109	Sasikumar M., Balaji R., Vinothkumar M.	Nanoparticles-coated glass fibreâââ€š¬ââ,¬Å“based damage localisation and monitoring system for polymer composites	Structural Health Monitoring	-	-	-	-	4.94	https://doi.org/10.1177/1475921718788807
110	Zhang Z., Choo K.K.R., Sangaiah A.K., Chen L.	Crowd computing for social media ecosystems	Applied Soft Computing Journal	66	-	492	494	4.87	https://doi.org/10.1016/j.asoc.2018.02.045
111	Das R.R., Elumalai V.K., Ganapathy Subramanian R., Ashok Kumar K.V.	Adaptive predatorâå,¬â€œprey optimization for tuning of infinite horizon LQR applied to vehicle suspension system	Applied Soft Computing Journal	72	-	518	526	4.87	https://doi.org/10.1016/j.asoc.2018.06.044
112	Maiti S., Paira P.	Biotin conjugated organic molecules and proteins for cancer therapy: A review	European Journal of Medicinal Chemistry	145	-	206	223	4.83	https://doi.org/10.1016/j.ejmech.2018.01.001
113	Sinha S., Doble M., Manju S.L.	Design, synthesis and identification of novel substituted 2-amino thiazole analogues as potential anti-inflammatory agents targeting 5-lipoxygenase	European Journal of Medicinal Chemistry	158	-	34	50	4.83	https://doi.org/10.1016/j.ejmech.2018.08.098
114	Venkatachari A., Natarajan S., Ganapathi M.	Variable stiffness laminated composite shells âââ€š¬ââ,¬Å“ Free vibration characteristics based on higher-order structural theory	Composite Structures	188	-	407	414	4.83	https://doi.org/10.1016/j.compstruct.2018.01.025
115	Vemuluri R.B., Rajamohan V., Sudhagar P.E.	Structural optimization of tapered composite sandwich plates partially treated with magnetorheological elastomers	Composite Structures	200	-	258	276	4.83	https://doi.org/10.1016/j.compstruct.2018.05.100
116	Harish R.	Effect of heat source aspect ratio on turbulent thermal stratification in a naturally ventilated enclosure	Building and Environment	143	-	473	486	4.82	https://doi.org/10.1016/j.buildenv.2018.07.043
117	Deshpande A.S., Kumari R., Prem Rajan A.	A delve into the exploration of potential bacterial extremophiles used for metal recovery	Global Journal of Environmental Science and Management	4	3	373	386	4.78	https://doi.org/10.22034/GJESM.2018.03.010
118	Singh R.R., Kumar B.A., Shruthi D., Panda R., Raj C.T.	Review and experimental illustrations of electronic load controller used in standalone Micro-Hydro generating plants	Engineering Science and Technology, an International Journal	-	-	-	-	4.78	https://doi.org/10.1016/j.jestch.2018.07.006
119	Sugavaneswaran M., Jebaraj A.V., Kumar M.D.B., Lokesh K., Rajan A.J.	Enhancement of surface characteristics of direct metal laser sintered stainless steel 316L by shot peening	Surfaces and Interfaces	12	-	31	40	4.78	https://doi.org/10.1016/j.surfin.2018.04.010

120	Kothapudi V.K., Kumar V.	Compact 1 Ãâ‚,¬â€ 2 and 2 Ãâ‚,¬â€ 2 dual polarized series-fed antenna array for X-band airborne synthetic aperture radar applications	Journal of Electromagnetic Engineering and Science	18	2	117	128	4.78	https://doi.org/10.26866/jees.2018.18.2.117
121	Venkateswarlu B., Satya Narayana P.V., Tarakaramu N.	Melting and viscous dissipation effects on MHD flow over a moving surface with constant heat source	Transactions of A. Razmadze Mathematical Institute	-	-	-	-	4.78	https://doi.org/10.1016/j.trmi.2018.03.007
122	Umamakeshvari K., Mohan A., Sankar U., Raj A.M.E.	Dielectric relaxation studies on binary polar mixtures of diethylene glycol with ethyl benzoate using time domain reflectometry	Jordan Journal of Physics	11	2	107	114	4.78	https://www.researchgate.net/publication/327013031_Dielectric_relaxation_studies_on_binary_polar_mixtures_of_diethylene_glycol_with_ethyl_benzoate_using_time_domain_reflectometry
123	Kishore A.Y., Mohan B.G.	Enhancement of voltage stability and transmission congestion management with UPFC	International Journal of Grid and Distributed Computing	11	6	15	26	4.78	https://doi.org/10.14257/ijgdc.2018.11.6.02
124	Pal D., Vanijja V., Varadarajan V.	Quality provisioning in the internet of things era: Current state and future directions	ACM International Conference Proceeding Series	-	-	-	-	4.78	https://doi.org/10.1145/3291280.3291790
125	Hsu C.-H., Manogaran G., Panchatcharam P., Vivekanandan S.	A new approach for prediction of lung carcinoma using back propagation neural network with decision tree classifiers	Proceedings - 8th IEEE International Symposium on Cloud and Services Computing, SC2 2018	-	-	111	115	4.78	https://doi.org/10.1109/SC2.2018.00023
126	Prabakaran N., Kannadasan R.	Prediction of Cardiac Disease Based on Patient's Symptoms	Proceedings of the International Conference on Inventive Communication and Computational Technologies, ICICCT 2018	-	-	794	799	4.78	https://doi.org/10.1109/ICICCT.2018.8473271
127	Fadipe-Joseph O.A., Ademosu W.T., Murugusundaramoorthy G.	Coefficient bounds for a new class of univalent functions involving SÄƒlÄƒgean operator and the modified sigmoid function	International Journal of Nonlinear Analysis and Applications	9	2	59	69	4.78	https://doi.org/10.22075/ijnaa.2018.1589.1417
128	Kumar P., Pankar C., Manish D., Santhi A.S.	Study of mechanical and microstructural properties of geopolymer concrete with GGBS and Metakaolin	Materials Today: Proceedings	5	14	28127	28135	4.78	https://doi.org/10.1016/j.matpr.2018.10.054
129	S Venkateswarlu., M Janaki., R Thirumalaivasan., Nagesh Prabhu	A review on damping of torsional interactions using VSC based FACTS and subsynchronous damping controller	Annual Reviews in Control	46	-	251	264	4.76	https://www.sciencedirect.com/science/article/pii/S136757881830035X
130	Marina S., Mantione D., Manojkumar K., Kari V., Gutierrez J., Tercjak A., Sanchez-Sanchez A., Mecerreyes D.	New electroactive macromonomers and multi-responsive PEDOT graft copolymers	Polymer Chemistry	9	27	3780	3790	4.76	https://doi.org/10.1039/c8py00680f

131	Abdel-Motal U.M., Akila G., Abdelalim E.M., Ponnuraja C., Iken K., Jahromi M., Doss G.P., El Bekay R., Zayed H.	Prevalence of nephropathy in type 1 diabetes in the Arab world: A systematic review and meta-analysis	Diabetes/metabolism Research And Reviews	34	7	3026	3026	4.76	https://doi.org/10.1002/dmrr.3026
132	Reddy Panyam P.K., Ugale B., Gandhi T.	Palladium(II)/N-Heterocyclic Carbene Catalyzed One-Pot Sequential Î±-Arylation/Alkylation: Access to 3,3-Disubstituted Oxindoles	Journal of Organic Chemistry	83	15	7622	7632	4.75	https://doi.org/10.1021/acs.joc.8b00264
133	Bandi V., Kavala V., Konala A., Hsu C.-H., Villuri B.K., Reddy S.R., Lin L., Kuo C.-W., Yao C.-F.	Synthesis of Polysubstituted Cyclopentene and Cyclopenta[b]carbazole Analogues from Unsymmetrical 4-Arylidene-3,6-diarylhex-2-en-5-ynal and Indole Derivatives via an Iodine Mediated Electrocyclization Reaction	Journal of Organic Chemistry	-	-	-	-	4.75	https://doi.org/10.1021/acs.joc.8b02168
134	Shanmugam Karthik., Karthick Muthuvel., Thirumanavelan Gandhi	Base-Promoted Amidation and Esterification of Imidazolium Salts via Acyl CC bond Cleavage: An Access to Aromatic Amides and Esters	The Journal of organic Chemistry	84	2	738	751	4.75	https://pubs.acs.org/doi/abs/10.1021/acs.joc.8b02567
135	Villuri B.K., Ichake S.S., Reddy S.R., Kavala V., Bandi V., Kuo C.-W., Yao C.-F.	Copper-Catalyzed Cascade Synthesis of 2-Aryl-3-cyanobenzofuran and Dibenzo[b, f]oxepine-10-carbonitrile Derivatives	Journal of Organic Chemistry	83	17	10241	10247	4.75	https://doi.org/10.1021/acs.joc.8b01443
136	Neog M.K., Rasool M.	Targeted delivery of p-coumaric acid encapsulated mannosylated liposomes to the synovial macrophages inhibits osteoclast formation and bone resorption in the rheumatoid arthritis animal model	European Journal of Pharmaceutics and Biopharmaceutics	133	-	162	175	4.71	https://doi.org/10.1016/j.ejpb.2018.10.010
137	Madhubanti Mullick., Dwaipayan Sen	The Delta Opioid Peptide DADLE Represses Hypoxia-Reperfusion Mimicked Stress Mediated Apoptotic Cell Death in Human Mesenchymal Stem Cells in Part by Downregulating the Unfolded Protein Response and ROS along with Enhanced Anti-Inflammatory Effect	Stem Cell Reviews and Reports	-	-	1	16	4.7	https://link.springer.com/article/10.1007/s12015-018-9810-4
138	Tewari N., Sreedevi V.T.	A novel single switch dc-dc converter with high voltage gain capability for solar PV based power generation systems	Solar Energy	171	-	466	477	4.67	https://doi.org/10.1016/j.solener.2018.06.081
139	S. Lokesh., Priyan Malarvizhi Kumar., M. Ramya Devi	An Automatic Tamil Speech Recognition system by using Bidirectional Recurrent Neural Network with Self-Organizing Map	Neural Computing and Applications	-	-	1	11	4.66	https://link.springer.com/article/10.1007/s00521-018-3466-5
140	Deepa N., Ganesan K., Sethuramasamyraja B.	Predictive mathematical model for solving multi-criteria decision-making problems	Neural Computing and Applications	-	-	1	14	4.66	https://doi.org/10.1007/s00521-018-3505-2
141	Dinesh Jackson Samuel R., Rajesh Kanna B.	Tuberculosis (TB) detection system using deep neural networks	Neural Computing and Applications	-	-	1	13	4.66	https://doi.org/10.1007/s00521-018-3564-4
142	Narayan S., Sathiyamoorthy E.	A novel recommender system based on FFT with machine learning for predicting and identifying heart diseases	Neural Computing and Applications	-	-	-	-	4.66	https://doi.org/10.1007/s00521-018-3662-3
143	Senthil Murugan Nagarajan., Usha Devi Gandhi	Classifying streaming of Twitter data based on sentiment analysis using hybridization	Neural Computing and Applications	-	-	1	9	4.66	https://link.springer.com/content/pdf/10.1007/s00521-018-3476-3.pdf

144	Ray S.S., Chen S.-S., Sangeetha D., Chang H.-M., Thanh C.N.D., Le Q.H., Ku H.-M.	Developments in forward osmosis and membrane distillation for desalination of waters	Environmental Chemistry Letters	-	-	1	19	4.62	https://doi.org/10.1007/s10311-018-0750-7
145	Dasgupta N., Ranjan S., Gandhi M.	Nanoemulsion ingredients and components	Environmental Chemistry Letters	-	-	-	-	4.62	https://doi.org/10.1007/s10311-018-00849-7
146	Ranjan S., Dasgupta N., Singh S., Gandhi M.	Toxicity and regulations of food nanomaterials	Environmental Chemistry Letters	-	-	-	-	4.62	https://doi.org/10.1007/s10311-018-00851-z
147	J B., Chanda K., Mm B.	Biosensors for pathogen surveillance	Environmental Chemistry Letters	16	4	1325	1337	4.62	https://doi.org/10.1007/s10311-018-0759-y
148	Zhang S., Li X., Liu H., Lin Y., Sangaiah A.K.	A privacy-preserving friend recommendation scheme in online social networks	Sustainable Cities and Society	38	-	275	285	4.62	https://doi.org/10.1016/j.scs.2017.12.031
149	Aborokbah M.M., Al-Mutairi S., Sangaiah A.K., Samuel O.W.	Adaptive context aware decision computing paradigm for intensive health care delivery in smart citiesâââ€š¬ââ,¬ÂA case analysis	Sustainable Cities and Society	41	-	919	924	4.62	https://doi.org/10.1016/j.scs.2017.09.004
150	Mohapatra A.D., Sahoo M.N., Sangaiah A.K.	Distributed fault diagnosis with dynamic cluster-head and energy efficient dissemination model for smart city	Sustainable Cities and Society	43	-	624	634	4.62	https://doi.org/10.1016/j.scs.2018.03.029
151	Manupati V.K., Ramkumar M., Samanta D.	A multi-criteria decision making approach for the urban renewal in Southern India	Sustainable Cities and Society	42	-	471	481	4.62	https://doi.org/10.1016/j.scs.2018.08.011
152	Nanda Kumar D., Satija J., Chandrasekaran N., Mukherjee A.	Acetylcholinesterase-based inhibition screening through in situ synthesis of gold nanoparticles: Application for detection of nerve agent simulant	Journal of Molecular Liquids	249	-	623	628	4.56	https://doi.org/10.1016/j.molliq.2017.11.094
153	Ranjan P., Athar M., Rather H., Vijayakrishna K., Vasita R., Jha P.C.	Rational design of imidazolium based salts as anthelmintic agents	Journal of Molecular Liquids	255	-	578	588	4.56	https://doi.org/10.1016/j.molliq.2018.02.001
154	Rashid Z., Wilfred C.D., Gnanasundaram N., Arunagiri A., Murugesan T.	Screening of ionic liquids as green oilfield solvents for the potential removal of asphaltene from simulated oil: COSMO-RS model approach	Journal of Molecular Liquids	255	-	492	503	4.56	https://doi.org/10.1016/j.molliq.2018.01.023
155	Shah N.A., Animasaun I.L., Ibraheem R.O., Babatunde H.A., Sandeep N., Pop I.	Scrutinization of the effects of Grashof number on the flow of different fluids driven by convection over various surfaces	Journal of Molecular Liquids	249	-	980	990	4.56	https://doi.org/10.1016/j.molliq.2017.11.042
156	Subbareddy C.V., Sundarrajan S., Mohanapriya A., Subashini R., Shanmugam S.	Synthesis, antioxidant, antibacterial, solvatochromism and molecular docking studies of indolyl-4H-chromene-phenylprop-2-en-1-one derivatives	Journal of Molecular Liquids	251	-	296	307	4.56	https://doi.org/10.1016/j.molliq.2017.12.082
157	Annam S., Gopakumar G., Brahmmananda Rao C.V.S., Sivaraman N., Sivaramakrishna A., Vijayakrishna K.	Trihexyl phosphate to trihexyl phosphine oxide: Diverse effect on extraction behavior of actinides	Journal of Molecular Liquids	256	-	416	423	4.56	https://doi.org/10.1016/j.molliq.2018.02.063
158	Saravanan M., T.C. S.G., Vinitha G.	Facile hydrothermal synthesis of CdFe2O4-reduced graphene oxide nanocomposites and their third-order nonlinear optical properties under CW excitation	Journal of Molecular Liquids	256	-	519	526	4.56	https://doi.org/10.1016/j.molliq.2018.02.065

159	Chakraborty D., Chauhan P., Alex S.A., Chaudhary S., Ethiraj K.R., Chandrasekaran N., Mukherjee A.	Comprehensive study on biocorona formation on functionalized selenium nanoparticle and its biological implications	Journal of Molecular Liquids	268	-	335	342	4.56	https://doi.org/10.1016/j.molliq.2018.07.070
160	Ranjan P., Athar M., Vijayakrishna K., Meena L.K., Vasita R., Jha P.C.	Deciphering the anthelmintic activity of benzimidazolium salts by experimental and in-silico studies	Journal of Molecular Liquids	268	-	156	168	4.56	https://doi.org/10.1016/j.molliq.2018.07.029
161	Alex S.A., Chandrasekaran N., Mukherjee A.	Using gold nanorod-based colorimetric sensor for determining chromium in biological samples	Journal of Molecular Liquids	264	-	119	126	4.56	https://doi.org/10.1016/j.molliq.2018.05.056
162	Khan, Javed Masood; Khan, Mohammad Rizwan; Sen, Priyankar; Malik, Ajamaluddin; Irfan, Mohammad; Khan, Rizwan Hasan	An intermittent amyloid phase found in gemini (G5 and G6) surfactant induced beta-sheet to alpha-helix transition in concanavalin A protein	JOURNAL OF MOLECULAR LIQUIDS	269	-	796	804	4.56	https://doi.org/10.1016/j.molliq.2018.08.092
163	Chaudhary S., Sharma P., Kumar S., Alex S.A., Kumar R., Mehta S.K., Mukherjee A., Umar A.	A comparative multi-assay approach to study the toxicity behaviour of Eu2O3 nanoparticles	Journal of Molecular Liquids	269	-	783	795	4.56	https://doi.org/10.1016/j.molliq.2018.08.082
164	Mallick S., Malathi M., Kumbharkhane A.C.	High-frequency dielectric study on the hydrogen bonding interaction on aqueous Cyanoacetamide	Journal of Molecular Liquids	272	-	264	270	4.56	https://doi.org/10.1016/j.molliq.2018.09.093
165	Khan J.M., Khan M.R., Sen P., Malik A., Irfan M., Khan R.H.	An intermittent amyloid phase found in gemini (G5 and G6) surfactant induced Î²-sheet to Î±-helix transition in concanavalin A protein	Journal of Molecular Liquids	269	-	796	804	4.56	https://doi.org/10.1016/j.molliq.2018.08.092
166	Kamaraj C., Deepak P., Balasubramani G., Karthi S., Arul D., Aiswarya D., Amutha V., Vimalkumar E., Mathivanan D., Suseem S.R., Muthu-Pandian C.K., Senthil-Nathan S., Perumal P.	Target and non-target toxicity of fern extracts against mosquito vectors and beneficial aquatic organisms	Ecotoxicology and Environmental Safety	161	-	221	230	4.53	https://doi.org/10.1016/j.ecoenv.2018.05.062
167	Twayana K.S., Chaudhari N., Ravanan P.	Prolonged lipopolysaccharide exposure induces transient immunosuppression in BV2 microglia	Journal of cellular physiology	-	-	-	-	4.52	https://doi.org/10.1002/jcp.27064
168	Rajendran C., Thirumoorthy K., Satishkumar G., Landau M.V.	Alumina as Solid-State Ligand in Enhancing the Redox Catalytic Property of Iron Oxide Grafted AlSBA-15 towards Arylation of Arene	ChemCatChem	10	20	4768	4776	4.5	https://doi.org/10.1002/cctc.201800855
169	G K.K., Saboor S., Kumar V., Kim K.-H., Babu T. P. A.	Experimental and theoretical studies of various solar control window glasses for the reduction of cooling and heating loads in buildings across different climatic regions	Energy and Buildings	173	-	326	336	4.5	https://doi.org/10.1016/j.enbuild.2018.05.054
170	Wu F., Xu L., Li X., Kumari S., Karuppiah M., Obaidat M.S.	A Lightweight and Provably Secure Key Agreement System for a Smart Grid With Elliptic Curve Cryptography	IEEE Systems Journal	-	-	-	-	4.46	https://doi.org/10.1109/JSYST.2018.2876226
171	Muralidhar B., Reddy S.R.	Regioselective cascade synthesis of chloro-substituted 6H-benzo[c]chromenes via benzannulation	Bulletin of the Chemical Society of Japan	91	1	65	70	4.43	https://doi.org/10.1246/bcsj.20170261

172	Muralidhar, Baitinti; Reddy, Sabbasani Rajasekhara	Regioselective Cascade Synthesis of Chloro-Substituted 6&ITH&IT-Benzo[&ITc&IT]chromenes via Benzannulation	Bulletin of the Chemical Society of Japan	91	1	65	70	4.43	-
173	Jain S., Muneer S., Guerriero G., Liu S., Vishwakarma K., Chauhan D.K., Dubey N.K., Tripathi D.K., Sharma S.	Tracing the role of plant proteins in the response to metal toxicity: a comprehensive review	Plant Signaling and Behavior	13	9	-	-	4.42	https://doi.org/10.1080/15592324.2018.1507401
174	Patle D.S., Sharma S., Gadhamsetti A.P., Balinge K.R., Bhagat P.R., Pandit S., Kumar S.	Ultrasonication-Assisted and Benzimidazolium-Based BrÃ¸nsted Acid Ionic Liquid-Catalyzed Transesterification of Castor Oil	ACS Omega	3	11	15455	15463	4.42	https://doi.org/10.1021/acsomega.8b02021
175	Mishra, Lakshmi Narayan; Singh, Sukhdev; Mishra, Vishnu Narayan	. ON INTEGRATED AND DIFFERENTIATED C-2-SEQUENCE SPACES	INTERNATIONAL JOURNAL OF ANALYSIS AND APPLICATIONS	16	6	894	903	4.42	http://www.etamaths.com/index.php/ijaa/article/download/1723/414
176	Selvi, C. K.; Srinivas, A. N. S.; Sreenadh, S.	Peristaltic transport of a power-law fluid in an elastic tube	JOURNAL OF TAIBAH UNIVERSITY FOR SCIENCE	12	5	687	698	4.42	https://doi.org/10.1080/16583655.2018.1503783
177	SG Rahul., G Dhivyasri., P Kavitha., SA Vendan., K.A. RameshKumar., Akhil Garg., Gao Liang	Model reference adaptive controller for enhancing depth of penetration and bead width during Cold Metal Transfer joining process	Robotics and Computer-Integrated Manufacturing	53	-	122	134	4.39	https://www.sciencedirect.com/science/article/pii/S0736584517304519
178	Rehman A.U., Baek J.W., Rene E.R., Sergienko N., Behera S.K., Park H.-S.	Effect of process parameters influencing the chemical modification of activated carbon fiber for carbon dioxide removal	Process Safety and Environmental Protection	118	-	384	396	4.38	https://doi.org/10.1016/j.psep.2018.07.004
179	Karuppanan N., Kalainathan S.	A New Nonlinear Optical Stilbazolium Family Crystal of (E)-1-Ethyl-2-(4-nitrostyryl) Pyridin-1-ium Iodide: Synthesis, Crystal Structure, and Its Third-Order Nonlinear Optical Properties	Journal of Physical Chemistry C	122	8	4572	4582	4.31	https://doi.org/10.1021/acs.jpcc.7b11884
180	Sakthivel M., Sukanya R., Chen S.-M., Dinesh B.	Synthesis of Two-Dimensional Sr-Doped MoSe2 Nanosheets and Their Application for Efficient Electrochemical Reduction of Metronidazole	Journal of Physical Chemistry C	122	23	12474	12484	4.31	https://doi.org/10.1021/acs.jpcc.8b02188
181	Ray S.S., Gandhi M., Chen S.-S., Chang H.-M., Dan C.T.N., Le H.Q.	Anti-wetting behaviour of a superhydrophobic octadecyltrimethoxysilane blended PVDF/recycled carbon black composite membrane for enhanced desalination	Environmental Science: Water Research and Technology	4	10	1612	1623	4.2	https://doi.org/10.1039/c8ew00451j
182	Anjali Upadhyay., Subramanian Karpagam	Movement of new direction from conjugated polymer to semiconductor composite polymer nanofiber	Reviews in Chemical Engineering	-	-	-	-	4.2	https://www.degruyter.com/view/j/revce.ahead-of-print/revce-2017-0024/revce-2017-0024.xml
183	Sani S., Kaisan M.U., Kulla D.M., Obi A.I., Jibrin A., Ashok B.	Determination of physico chemical properties of biodiesel from Citrullus lanatus seeds oil and diesel blends	Industrial Crops and Products	122	-	702	708	4.19	https://doi.org/10.1016/j.indcrop.2018.06.002
184	Joshi S., Rawat K., A.S.S B.	A novel approach to predict the delamination factor for dry and cryogenic drilling of CFRP	Journal of Materials Processing Technology	262	-	521	531	4.18	https://doi.org/10.1016/j.jmatprotec.2018.07.026
185	Ramkumar K.D., Varma V., Prasad M., Rajan N.D., Shanmugam N.S.	Effect of activated flux on penetration depth, microstructure and mechanical properties of Ti-6Al-4V TIG welds	Journal of Materials Processing Technology	261	-	233	241	4.18	https://doi.org/10.1016/j.jmatprotec.2018.06.024

186	Pavithra P.S., Mehta A., Verma R.S.	Synergistic interaction of Î²-caryophyllene with aromadendrene oxide 2 and phytol induces apoptosis on skin epidermoid cancer cells	Phytomedicine	47	-	121	134	4.18	https://doi.org/10.1016/j.phymed.2018.05.001
187	Pavithra P.S., Mehta A., Verma R.S.	Induction of apoptosis by essential oil from P. missionis in skin epidermoid cancer cells	Phytomedicine	50	-	184	195	4.18	https://doi.org/10.1016/j.phymed.2017.11.004
188	Balaji N., Sulochana SP., Saini NK., A SK., Mullangi R	Validated Chiral LC-ESI-MS/MS Method for the Simultaneous Quantification of Darolutamide Diastereomers and Its Active Metabolite in Mice Plasma: Application to a Pharmacokinetic Study	Drug research	-	-	-	-	4.13	https://www.ncbi.nlm.nih.gov/pubmed/?term=Validated+Chiral+LC-ESI-MS%2FMS+Method+for+the+Simultaneous+Quantification+of+Darolutamide+Diastereomers+and+Its+Active+Metabolite+in+Mice+Plasma%3A+Application+to+a+Pharmacokinetic+Study
189	Koppu S., Viswanatham V.M.	Medical image security enhancement using two dimensional chaotic mapping optimized by self-adaptive grey wolf algorithm	Evolutionary Intelligence	11	43467	53	71	4.13	https://doi.org/10.1007/s12065-018-0159-z
190	Abdullah A., Ravanan P.	Kaempferol mitigates Endoplasmic Reticulum Stress Induced Cell Death by targeting caspase	Scientific Reports	8	1	-	-	4.12	https://doi.org/10.1038/s41598-018-20499-7
191	Srinivasan R., Mageswari A., Subramanian P., Suganthi C., Chaitanyakumar A., Aswini V., Gothandam K.M.	Bicarbonate supplementation enhances growth and biochemical composition of Dunaliella salina V-101 by reducing oxidative stress induced during macronutrient deficit conditions	Scientific Reports	6972	1	-	-	4.12	https://doi.org/10.1038/s41598-018-25417-5
192	Muneer S., Lee J.H.	Hazardous gases (CO, NOx, CH4 and C3H8) released from CO2 fertilizer unit lead to oxidative damage and degrades photosynthesis in strawberry plants	Scientific Reports	8	1	-	-	4.12	https://doi.org/10.1038/s41598-018-30838-3
193	Yang X., Wu W., Liu K., Kim P.W., Sangaiah A.K., Jeon G.	Multi-semi-couple super-resolution method for edge computing	IEEE Access	6	-	5511	5520	4.1	https://doi.org/10.1109/ACCESS.2018.2790482
194	Shehab A., Elhoseny M., Muhammad K., Sangaiah A.K., Yang P., Huang H., Hou G.	Secure and robust fragile watermarking scheme for medical images	IEEE Access	6	-	10269	10278	4.1	https://doi.org/10.1109/ACCESS.2018.2799240
195	X. Yang., W. Wu., K. Liu., P. W. Kim., A. K. Sangaiah., G. Jeon	Long-Distance Object Recognition With Image Super Resolution: A Comparative Study	IEEE Access	6	-	13429	13438	4.1	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8274945
196	RUTVIJ H. JHAVERI., NARENDRA M. PATEL., YUBIN ZHONG., ARUN KUMAR SANGAIAH	Sensitivity Analysis of an Attack-Pattern Discovery based Trusted Routing Scheme for Mobile Ad-Hoc Networks in Industrial IoT	IEEE Access	Early Access	Early Access	1	1	4.1	https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=8331823
197	Sun J., Zhu G., Sun G., Liao D., Li Y., Sangaiah A.K., Ramachandran M., Chang V.	A Reliability-Aware Approach for Resource Efficient Virtual Network Function Deployment	IEEE Access	-	-	-	-	4.1	https://doi.org/10.1109/ACCESS.2018.2815614
198	Reddy D., Ramasamy S.	Design of RBFN controller based boost type vienna rectifier for grid-tied wind energy conversion system	IEEE Access	6	-	3167	3175	4.1	https://doi.org/10.1109/ACCESS.2017.2787567
199	Akter M., Rahman M.O., Islam M.N., Hassan M.M., Alsanad A., Sangaiah A.K.	Energy-Efficient Tracking and Localization of Objects in Wireless Sensor Networks	IEEE Access	6	-	17165	17177	4.1	https://doi.org/10.1109/ACCESS.2018.2809692

200	Rodrigues M.B., da Nobrega R.V.M., Alves S.S.A., Filho P.P.R., Duarte J.B.F., Sangaiah A.K., de Albuquerque V.H.C.	Health of Things Algorithms for Malignancy Level Classification of Lung Nodules	IEEE Access	-	-	1	1	4.1	https://doi.org/10.1109/ACCESS.2018.2817614
201	Liu G., Liu S., Muhammad K., Sangaiah A.K., Doctor F.	Object Tracking in Vary Lighting Conditions for Fog Based Intelligent Surveillance of Public Spaces	IEEE Access	6	-	29283	29296	4.1	https://doi.org/10.1109/ACCESS.2018.2834916
202	Senthilnathan N., Annamalai A.R., Venkatachalam G.	Microstructure and mechanical properties of spark plasma sintered tungsten heavy alloys	MATERIALS SCIENCE AND ENGINEERING A-STRUCTURAL MATERIALS PROPERTIES MICROSTRUCTURE AND PROCESSING	710	-	66	73	4.08	https://doi.org/10.1016/j.msea.2017.10.080
203	Mondal A., De S., Maiti S., Sarkar B., Sk A.K., Jacob R., Moorthy A., Paira P.	Amberlite IR-120 (H) mediated âââ€š¬Åâ€œon waterâââ€š¬ÂÂ synthesis of fluorescent Ruthenium(II)-arene 8-hydroxyquinoline complexes for cancer therapy and live cell imaging	Journal of Photochemistry and Photobiology B: Biology	178	-	380	394	4.07	https://doi.org/10.1016/j.jphotobiol.2017.11.033
204	Angel Ezhilarasi A., Judith Vijaya J., Kaviyarasu K., John Kennedy L., Ramalingam R.J., Al-Lohedan H.A.	Green synthesis of NiO nanoparticles using Aegle marmelos leaf extract for the evaluation of in-vitro cytotoxicity, antibacterial and photocatalytic properties	Journal of Photochemistry and Photobiology B: Biology	180	-	39	50	4.07	https://doi.org/10.1016/j.jphotobiol.2018.01.023
205	Jesudoss S.K., Judith Vijaya J., Kaviyarasu K., Iyyappa Rajan P., Narayanan S., John Kennedy L.	In-vitro anti-cancer activity of organic template-free hierarchical M (Cu, Ni)-modified ZSM-5 zeolites synthesized using silica source waste material	Journal of Photochemistry and Photobiology B: Biology	186	-	178	188	4.07	https://doi.org/10.1016/j.jphotobiol.2018.07.009
206	Gour K.A., Ramadoss R., Selvaraj T.	Revamping the traditional air lime mortar using the natural polymer âââ€š¬ââ,¬Å“ Areca nut for restoration application	Construction and Building Materials	164	-	255	264	4.05	https://doi.org/10.1016/j.conbuildmat.2017.12.056
207	Roy R., Mitra A., Ganesh A.T., Sairam V.	Effect of Graphene Oxide Nanosheets dispersion in cement mortar composites incorporating Metakaolin and Silica Fume	Construction and Building Materials	186	-	514	524	4.05	https://doi.org/10.1016/j.conbuildmat.2018.07.135
208	Bua S., Berrino E., Del Prete S., Murthy V.S., Vijayakumar V., Tamboli Y., Capasso C., Cerbai E., Mugelli A., Carta F., Supuran C.T.	Synthesis of novel benzenesulfamide derivatives with inhibitory activity against human cytosolic carbonic anhydrase I and II and Vibrio cholerae Î±- and Î²-class enzymes	Journal of Enzyme Inhibition and Medicinal Chemistry	33	1	1125	1136	4.03	https://doi.org/10.1080/14756366.2018.1467901
209	Ashok B., Nanthagopal K., Chaturvedi B., Sharma S., Thundil Karuppa Raj R.	A comparative assessment on Common Rail Direct Injection (CRDI) engine characteristics using low viscous biofuel blends	Applied Thermal Engineering	145	-	494	506	4.03	https://doi.org/10.1016/j.applthermaleng.2018.09.069
210	Amreen K., Nisha S., Senthil Kumar A.	Undiluted human whole blood uric acid detection using a graphitized mesoporous carbon modified electrode: A potential tool for clinical point-of-care uric acid diagnosis	Analyst	143	7	1560	1567	4.02	https://doi.org/10.1039/c8an00306h
211	Shalini Devi K.S., Senthil Kumar A.	A blood-serum sulfide selective electrochemical sensor based on a 9,10-phenanthrenequinone-tethered graphene oxide modified electrode	Analyst	143	13	3114	3123	4.02	https://doi.org/10.1039/c8an00756j

212	D'Aguanno B., Karthik M., Grace A.N., Floris A.	Thermostatic properties of nitrate molten salts and their solar and eutectic mixtures	Scientific Reports	8	1	-	-	4.01	https://doi.org/10.1038/s41598-018-28641-1
213	NikitaMeghani., PalPatel., KrupaKansara., ShivenduRanjan., NanditaDasgupta., ChidambaramRamalingam., AshutoshKumar	Formulation of vitamin D encapsulated cinnamon oil nanoemulsion: Its potential anti-cancerous activity in human alveolar carcinoma cells	Colloids and Surfaces B: Biointerfaces	166	-	349	357	3.97	https://www.ncbi.nlm.nih.gov/pubmed/?term=Formulation+of+vitamin+D+encapsulated+cinnamon+oil+nanoemulsion%3A+Its+potential+anti-cancerous+activity+in+human+alveolar+carcinoma+cells
214	Narayan R., Agarwal T., Mishra D., Maiti T.K., Mohanty S.	Goat tendon collagen-human fibrin hydrogel for comprehensive parametric evaluation of HUVEC microtissue-based angiogenesis	Colloids and Surfaces B: Biointerfaces	163	-	291	300	3.97	https://doi.org/10.1016/j.colsurfb.2017.12.056
215	Arul Xavier S., Vijayalakshmi U.	Electrochemically grown functionalized -Multi-walled carbon nanotubes/hydroxyapatite hybrids on surgical grade 316L SS with enhanced corrosion resistance and bioactivity	Colloids and Surfaces B: Biointerfaces	171	-	186	196	3.97	https://doi.org/10.1016/j.colsurfb.2018.06.058
216	Menon S., KS S.D., Santhiya R., Rajeshkumar S., S V.K.	Selenium nanoparticles: A potent chemotherapeutic agent and an elucidation of its mechanism	Colloids and Surfaces B: Biointerfaces	170	-	280	292	3.97	https://doi.org/10.1016/j.colsurfb.2018.06.006
217	Ismael M.A., Khan J.M., Malik A., Alsenaidy M.A., Hidayathulla S., Khan R.H., Sen P., Irfan M., Alsenaidy A.M.	Unraveling the molecular mechanism of the effects of sodium dodecyl sulfate, salts, and sugars on amyloid fibril formation in camel IgG	Colloids and Surfaces B: Biointerfaces	170	-	430	437	3.97	https://doi.org/10.1016/j.colsurfb.2018.06.035
218	Kou Y., Shukla S.K., Mohyeddin A.	Experimental investigation for pressure distribution on flexible conduit covered with sandy soil reinforced with geotextile reinforcement of varying widths	Tunnelling and Underground Space Technology	80	-	151	163	3.94	https://doi.org/10.1016/j.tust.2018.06.012
219	Sankarganesh M., Dhaveethu Raja J., Sakthikumar K., Solomon R.V., Rajesh J., Athimoolam S., Vijayakumar V.	New bio-sensitive and biologically active single crystal of pyrimidine scaffold ligand and its gold and platinum complexes: DFT, antimicrobial, antioxidant, DNA interaction, molecular docking with DNA/BSA and anticancer studies	Bioorganic Chemistry	81	-	144	156	3.93	https://doi.org/10.1016/j.bioorg.2018.08.006
220	Kumar M.R., Manikandan A., Sivakumar A., Dhayabaran V.V.	An eco-friendly catalytic system for multicomponent, one-pot synthesis of novel spiro-chromeno indoline-triones and their anti-prostate cancer potentials evaluated via alkaline phosphatase inhibition mechanism	Bioorganic Chemistry	81	-	44	54	3.93	https://doi.org/10.1016/j.bioorg.2018.07.037
221	Mermer A., Demirbas N., Demirbas A., Colak N., Ayaz F.A., Alagumuthu M., Arumugam S.	Synthesis, biological activity and structure activity relationship studies of novel conazole analogues via conventional, microwave and ultrasound mediated techniques	Bioorganic Chemistry	81	-	55	70	3.93	https://doi.org/10.1016/j.bioorg.2018.07.036

222	Thangarasu P., Thamarai Selvi S., Manikandan A.	Unveiling novel 2-cyclopropyl-3-ethynyl-4-(4-fluorophenyl)quinolines as GPCR ligands via PI3-kinase/PAR-1 antagonism and platelet aggregation valuations; development of a new class of anticancer drugs with thrombolytic effects	Bioorganic Chemistry	81	-	468	480	3.93	https://doi.org/10.1016/j.bioorg.2018.09.011
223	Pearlin., Nayak S., Manivasagam G., Sen D.	Progress of Regenerative Therapy in Orthopedics	Current Osteoporosis Reports	16	2	169	181	3.93	https://doi.org/10.1007/s11914-018-0428-x
224	Thirumalai M., Kumar S.N., Prabhakaran D., Sivaraman N., Maheswari M.A.	Dynamically modified C18 silica monolithic column for the rapid determinations of lead, cadmium and mercury ions by reversed-phase high-performance liquid chromatography	Journal of Chromatography A	-	-	-	-	3.86	https://doi.org/10.1016/j.chroma.2018.07.044
225	Rashid T., Gnanasundaram N., Appusamy A., Kait C.F., Thanabalan M.	Enhanced lignin extraction from different species of oil palm biomass: Kinetics and optimization of extraction conditions	Industrial Crops and Products	116	-	122	136	3.84	https://doi.org/10.1016/j.indcrop.2018.02.056
226	Sakthivel M., Ramaraj S., Chen S.-M., Dinesh B., Chen K.-H.	A highly conducting flower like Au nanoparticles interconnected functionalized CNFs and its enhanced electrocatalytic activity towards hydrazine through direct electron transfer	Journal of the Taiwan Institute of Chemical Engineers	82	-	64	74	3.83	https://doi.org/10.1016/j.jtice.2017.11.010
227	Kokulnathan T., Sharma T.S.K., Chen S.-M., Chen T.-W., Dinesh B.	Ex-situ decoration of graphene oxide with palladium nanoparticles for the highly sensitive and selective electrochemical determination of chloramphenicol in food and biological samples	Journal of the Taiwan Institute of Chemical Engineers	89	-	26	38	3.83	https://doi.org/10.1016/j.jtice.2018.04.030
228	Arun S., Satheesh A.	Mesoscopic analysis of MHD double diffusive natural convection and entropy generation in an enclosure filled with liquid metal	Journal of the Taiwan Institute of Chemical Engineers	-	-	-	-	3.83	https://doi.org/10.1016/j.jtice.2018.10.015
229	Kirankumar V.S., Mayank N., Sumathi S.	Photocatalytic performance of cerium doped copper aluminate nanoparticles under visible light irradiation	Journal of the Taiwan Institute of Chemical Engineers	-	-	-	-	3.83	https://doi.org/10.1016/j.jtice.2018.09.020
230	Jeromiyas N., Elaiyappillai E., Kumar A.S., Huang S.-T., Mani V.	Bismuth nanoparticles decorated graphenated carbon nanotubes modified screen-printed electrode for mercury detection	Journal of the Taiwan Institute of Chemical Engineers	-	-	-	-	3.83	https://doi.org/10.1016/j.jtice.2018.08.030
231	Reddy, J. V. Ramana; Sugunamma, V.; Sandeep, N.	Simultaneous Effects of Radiation and Variable Heat Source/Sink on MHD Flow of Keosene-Fe3O4 Ferroliquid Over a Bidirectional Stretched Geometry	JOURNAL OF NANOFLUIDS	5	4	1	7	3.82	-
232	Basha S.M., Rajput D.S., Iyengar N.C.S.N., Caytiles R.D.	A novel approach to perform analysis and prediction on breast cancer dataset using R	International Journal of Grid and Distributed Computing	11	2	41	54	3.82	https://doi.org/10.14257/ijgdc.2018.11.2.05
233	Iswarya V., Bhuvaneshwari M., Chandrasekaran N., Mukherjee A.	Trophic transfer potential of two different crystalline phases of TiO2 NPs from Chlorella sp. to Ceriodaphnia dubia	Aquatic Toxicology	197	-	89	97	3.79	https://doi.org/10.1016/j.aquatox.2018.02.003
234	Kenoth R., Zou X., Simanshu D.K., Pike H.M., Malinina L., Patel D.J., Brown R.E., Kamlekar R.K.	Functional evaluation of tryptophans in glycolipid binding and membrane interaction by HET-C2, a fungal glycolipid transfer protein	Biochimica et Biophysica Acta - Biomembranes	1860	5	1069	1076	3.79	https://doi.org/10.1016/j.bbamem.2018.01.001

235	Kumar J.G.S.P., Gomathi A., Gothandam K.M., Vasconcelos V.	Bioactivity assessment of indian origin-mangrove actinobacteria against candida albicans	Marine Drugs	16	2	-	-	3.77	https://doi.org/10.3390/md16020060
236	Nag R., Kumar Das R.	Analysis of images for detection of oral epithelial dysplasia: A review	Oral Oncology	78	-	8	15	3.73	https://doi.org/10.1016/j.oraloncology.2018.01.003
237	Jayaraj R., Kumarasamy C., Sabarimurugan S., Baxi S.	Letter to the Editor in response to the article, ââ,¬Å“The epidemiology of oral human papillomavirus infection in healthy populations: A systematic review and meta-analysisââ,¬Â	Oral Oncology	84	-	121	122	3.73	https://doi.org/10.1016/j.oraloncology.2018.07.018
238	Maiti B., Balamurali M.M., Chanda K.	Evaluation of WO2014121383 A1: a process for preparation of rufinamide and intermediates	Expert Opinion on Therapeutic Patents	-	-	-	-	3.7	https://doi.org/10.1080/13543776.2019.1549230
239	Shalini Devi K.S., Jacob S., Senthil Kumar A.	In Situ Structural Elucidation and Selective Pb2+ Ion Recognition of Polydopamine Film Formed by Controlled Electrochemical Oxidation of Dopamine	Langmuir	34	24	7048	7058	3.68	https://doi.org/10.1021/acs.langmuir.8b01209
240	Kumar, Sanjit; Naik, Sanjay; Rawat, Ravindra Singh	Biochemical Characterisation of Lectin from Indian Hyacinth Plant Bulbs with Potential Inhibitory Action Against Human Cancer Cells	BIOPHYSICAL JOURNAL	114	3	570a	570A	3.67	https://www.cell.com/biophysj/pdf/S0006-3495(17)34350-3.pdf
241	Singh N.A., Bhardwaj V., Ravi C., Ramesh N., Mandal A.K.A., Khan Z.A.	EGCG nanoparticles attenuate aluminum chloride induced neurobehavioral deficits, beta amyloid and tau pathology in a rat model of Alzheimer's disease	Frontiers in Aging Neuroscience	10	AUG	-	-	3.63	https://doi.org/10.3389/fnagi.2018.00244
242	Radhamanalan R., Alagumuthu M., Nagaraju N.	Synthesis and drug efficacy validations of racemic-substituted benzimidazoles as antiulcer/antigastric secretion agents	Future Medicinal Chemistry	10	15	1805	1820	3.62	https://doi.org/10.4155/fmc-2017-0214
243	Chattopadhyay D., Thirumurugan K.	Longevity promoting efficacies of different plant extracts in lower model organisms	Mechanisms of Ageing and Development	171	-	47	57	3.6	https://doi.org/10.1016/j.mad.2018.03.002
244	Srinivasan E., Rajasekaran R.	Comparative binding of kaempferol and kaempferide on inhibiting the aggregate formation of mutant (G85R) SOD1 protein in familial amyotrophic lateral sclerosis: A quantum chemical and molecular mechanics study	BioFactors	44	5	431	442	3.6	https://doi.org/10.1002/biof.1441
245	Sujitha S., Dinesh P., Rasool M.	Berberine modulates ASK1 signaling mediated through TLR4/TRAF2 via upregulation of miR-23a	Toxicology and Applied Pharmacology	359	-	34	46	3.59	https://doi.org/10.1016/j.taap.2018.09.017
246	Rajeshkumar S., Kumar S.V., Ramaiah A., Agarwal H., Lakshmi T., Roopan S.M.	Biosynthesis of zinc oxide nanoparticles usingMangifera indica leaves and evaluation of their antioxidant and cytotoxic properties in lung cancer (A549) cells	Enzyme and Microbial Technology	117	-	91	95	3.55	https://doi.org/10.1016/j.enzmictec.2018.06.009
247	P J.J., Manju S.L., Ethiraj K.R., Elias G.	Safer anti-inflammatory therapy through dual COX-2/5-LOX inhibitors: A structure-based approach	European Journal of Pharmaceutical Sciences	121	-	356	381	3.53	https://doi.org/10.1016/j.ejps.2018.06.003
248	Joseph P.K., Elangovan D.	A review on renewable energy powered wireless power transmission techniques for light electric vehicle charging applications	Journal of Energy Storage	16	-	145	155	3.52	https://doi.org/10.1016/j.est.2017.12.019

249	Saranya S., Saravanan B.	Optimal size allocation of superconducting magnetic energy storage system based unit commitment	Journal of Energy Storage	20	-	173	189	3.52	https://doi.org/10.1016/j.est.2018.09.011
250	Manupati V.K., Jedidah S.J., Gupta S., Bhandari A., Ramkumar M.	Optimization of a multi-echelon sustainable production-distribution supply chain system with lead time consideration under carbon emission policies	Computers and Industrial Engineering	-	-	-	-	3.52	https://doi.org/10.1016/j.cie.2018.10.010
251	Manavalan E., Jayakrishna K.	A review of Internet of Things (IoT) embedded sustainable supply chain for industry 4.0 requirements	Computers and Industrial Engineering	-	-	-	-	3.52	https://doi.org/10.1016/j.cie.2018.11.030
252	Renu K., Madhyastha H., Madhyastha R., Maruyama M., Arunachlam S., Abilash V.G.	Role of arsenic exposure in adipose tissue dysfunction and its possible implication in diabetes pathophysiology	Toxicology Letters	284	-	86	95	3.5	https://doi.org/10.1016/j.toxlet.2017.11.032
253	Gateva, P.; Ramanathan, K.; Shanthi, V.; Nivya, J.; Kamenova, K.; Angelova, V.; Tchekalarova, J.	In silico approaches in the selection of a series of aroylhydrazones bearing melatonin moiety for neuropharmacological testing	Toxicology Letters	295	-	S102	S103	3.5	https://doi.org/10.1016/j.toxlet.2018.06.613
254	Panyam P.K.R., Sreedharan R., Gandhi T.	Synthesis of topologically constrained naphthalimide appended palladium(ii)-N-heterocyclic carbene complexes-insights into additive controlled product selectivity	Organic and Biomolecular Chemistry	16	23	4357	4364	3.49	https://doi.org/10.1039/c8ob00616d
255	Parthiban C., Pavithra M., Reddy L.V.K., Sen D., Samuel M.S., Singh N.D.P.	Tetraphenylethylene conjugated: P -hydroxyphenacyl: Fluorescent organic nanoparticles for the release of hydrogen sulfide under visible light with real-time cellular imaging	Organic and Biomolecular Chemistry	16	42	7903	7909	3.49	https://doi.org/10.1039/c8ob01629a
256	Christo Michael T., Veerappan A.R., Shanmugam S.	Suitability of assumed cross sections to include ovality in the limit analysis of pipe bends under in-plane closing moment and internal pressure	Thin-Walled Structures	122	-	545	553	3.49	https://doi.org/10.1016/j.tws.2017.10.040
257	Balaji G., Annamalai K.	Crushing response of square aluminium column filled with carbon fibre tubes and aluminium honeycomb	Thin-Walled Structures	132	-	667	681	3.49	https://doi.org/10.1016/j.tws.2018.07.037
258	S Dev., KD Ramkumar., N Arivazhagan., R.Rajendran	Investigations on the microstructure and mechanical properties of dissimilar welds of inconel 718 and sulphur rich martensitic stainless steel, AISI 416	Journal of Manufacturing Processes	32	-	685	698	3.46	https://www.sciencedirect.com/science/article/pii/S1526612518301725
259	Dhakal B., Swaroop S.	Review: Laser shock peening as post welding treatment technique	Journal of Manufacturing Processes	32	-	721	733	3.46	https://doi.org/10.1016/j.jmapro.2018.04.006
260	Devendranath Ramkumar K., Pavan B., Chandrasekar V.	Development of improved microstructural traits and mechanical integrity of stabilized stainless steel joints of AISI 321	Journal of Manufacturing Processes	32	-	582	594	3.46	https://doi.org/10.1016/j.jmapro.2018.03.029
261	Dhivyasri G., Rahul S.G., Kavitha P., Arungalai Vendan S., Ramesh Kumar K.A., Gao L., Garg A.	Dynamic control of welding current and welding time to investigate ultimate tensile strength of miab welded T11 tubes	Journal of Manufacturing Processes	32	-	564	581	3.46	https://doi.org/10.1016/j.jmapro.2018.03.031

262	Subramani P., Manikandan M.	Development of welding technique to suppress the microsegregation in the aerospace grade alloy 80A by conventional current pulsing technique	Journal of Manufacturing Processes	34	-	579	592	3.46	https://doi.org/10.1016/j.jmapro.2018.06.037
263	Rajendran V., Gopalakrishnan C., Sethumadhavan R.	Pathological role of a point mutation (T315I) in BCR-ABL1 protein-A computational insight	Journal of Cellular Biochemistry	119	1	918	925	3.45	https://doi.org/10.1002/jcb.26257
264	Balaraman S., Ramalingam R.	The structural and functional reliability of Circulins of Chassalia parvifolia for peptide therapeutic scaffolding	Journal of Cellular Biochemistry	119	5	3999	4008	3.45	https://doi.org/10.1002/jcb.26557
265	Simon JP., Evan Prince S	Aqueous leaves extract of Madhuca longifolia attenuate diclofenac-induced hepatotoxicity: Impact on oxidative stress, inflammation, and cytokines	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://www.ncbi.nlm.nih.gov/pubmed/?term=Aqueous+leaves+extract+of+Madhuca+longifolia+attenuate+diclofenac-induced+hepatotoxicity%3A+Impact+on+oxidative+stress%2C+inflammation%2C+and+cytokines
266	D K., C S.	Comparative analysis of human and mouse transcriptional cofactors (TcoFs) with special emphasis on intrinsically disordered regions and their associated regulating post-translational modifications	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.27083
267	Thirumal Kumar D., Umer Niazullah M., Tasneem S., Judith E., Susmita B., George Priya Doss C., Selvarajan E., Zayed H.	A computational method to characterize the missense mutations in the catalytic domain of GAA protein causing Pompe disease	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.27624
268	Ravichandran L., Venkatesan A., Febin Prabhu Dass J.	Epitope-based immunoinformatics approach on RNA-dependent RNA polymerase (RdRp) protein complex of Nipah virus (NiV)	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.27979
269	Ragunathan A., Malathi K., Ramaiah S., Anbarasu A.	FtsA as a cidal target for Staphylococcus aureus: Molecular docking and dynamics studies	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.28049
270	Abarna R., Dutta D., Sneha P., George Priya Doss C., Anbalagan M.	Identification of novel heterozygous Apex 1 gene variant (Glu87Gln) in patients withÂ head and neck cancer of Indian origin	Journal of Cellular Biochemistry	119	11	8851	8861	3.45	https://doi.org/10.1002/jcb.27138
271	Ganesan P., Ramalingam R.	Investigation of structural stability and functionality of homodimeric gramicidin towards peptide-based drug: a molecular simulation approach	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.27765
272	Prabhu D.S., Rajeswari V.D.	In vitro and in silico analyses of Vicia faba L. on Peroxisome proliferatorââ,¬â€œactivated receptor gamma	Journal of Cellular Biochemistry	119	9	7729	7737	3.45	https://doi.org/10.1002/jcb.27123
273	Ranganathan N., Mahalingam G.	Secondary metabolite as therapeutic agent from endophytic fungi Alternaria longipes strain VITN14G of mangrove plant Avicennia officinalis	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.27686
274	Sneha P., Ebrahimi E.A., Ghazala S.A., Thirumal Kumar D., Siva R., Priya Doss C G., Zayed H.	Structural analysis of missense mutations in galactokinase 1 (GALK1) leading to galactosemia type-2	Journal of Cellular Biochemistry	119	9	7585	7598	3.45	https://doi.org/10.1002/jcb.27097

275	Amala A., Emerson I.A.	Understanding contact patterns of protein structures from protein contact map and investigation of unique patterns in the globin-like folded domains	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.28270
276	Rambabu M, Jayanthi S.	Virtual screening of National Cancer Institute database for claudin-4 inhibitors: Synthesis, biological evaluation, and molecular dynamics studies.	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://www.ncbi.nlm.nih.gov/pubmed/?term=%22Virtual+screening+of+National+Cancer+Institute+database+for+claudin-4+inhibitors%3A+Synthesis%2C+biological+evaluation%2C+and+molecular+dynamics+studies.%22
277	Vasanthi S., Dass J.F.P.	Comparative genome-wide analysis of codon usage of different bacterial species infecting Oryza sativa	Journal of Cellular Biochemistry	119	11	9346	9356	3.45	https://doi.org/10.1002/jcb.27214
278	Gharemirshamlu F.R., Afsar M., Mokhdomi T.A., Amin A., Bukhari S., Krishnan A., Kumar C.V., Bamdad K., Patel T.N., Qadri R.A., Chikan N.A., Shabir N.	D224V and S128Y mutation in FSHRED influence thumb movement differentially: An intricate insight gained by short-term molecular dynamics simulation	Journal of Cellular Biochemistry	-	-	-	-	3.45	https://doi.org/10.1002/jcb.28044
279	Pavithra P.S., Mehta A., Verma R.S.	Aromadendrene oxide 2, induces apoptosis in skin epidermoid cancer cells through ROS mediated mitochondrial pathway	Life Sciences	197	-	19	29	3.45	https://doi.org/10.1016/j.lfs.2018.01.029
280	Doss H.M., Samarpita S., Ganesan R., Rasool M.	Ferulic acid, a dietary polyphenol suppresses osteoclast differentiation and bone erosion via the inhibition of RANKL dependent NF-ÎºB signalling pathway	Life Sciences	207	-	284	295	3.45	https://doi.org/10.1016/j.lfs.2018.06.013
281	Twayana K.S., Ravanan P.	Eukaryotic cell survival mechanisms: Disease relevance and therapeutic intervention	Life Sciences	205	-	73	90	3.45	https://doi.org/10.1016/j.lfs.2018.05.002
282	Sivaraman K., Shanthi C.	Matrikines for therapeutic and biomedical applications	Life Sciences	214	-	22	33	3.45	https://doi.org/10.1016/j.lfs.2018.10.056
283	Renu K., Madhyastha H., Madhyastha R., Maruyama M., Vinayagam S., Valsala Gopalakrishnan A.	Review on molecular and biochemical insights of arsenic-mediated male reproductive toxicity	Life Sciences	212	-	37	58	3.45	https://doi.org/10.1016/j.lfs.2018.09.045
284	Darbar D., Anilkumar M.R., Rajagopalan V., Bhattacharya I., Elim H.I., Ramakrishnappa T., Ezema F.I., Jose R., Reddy M.V.	Studies on spinel cobaltites, MCo2O4 (M = Mn, Zn, Fe, Ni and Co) and their functional properties	Ceramics International	44	5	4630	4639	3.45	https://doi.org/10.1016/j.ceramint.2017.12.010
285	Anandan D., Jaiswal A.K.	Synthesis and characterization of human bone-like hydroxyapatite using Schiff's base	Ceramics International	44	8	9401	9407	3.45	https://doi.org/10.1016/j.ceramint.2018.02.156
286	Stango S.A.X., Karthick D., Swaroop S., Mudali U.K., Vijayalakshmi U.	Development of hydroxyapatite coatings on laser textured 316 LSS and Ti-6Al-4V and its electrochemical behavior in SBF solution for orthopedic applications	Ceramics International	44	3	3149	3160	3.45	https://doi.org/10.1016/j.ceramint.2017.11.083

287	Manoharan G., Karuppiah M., Sahu N.K., Hembram K.	High performance multi-layer varistor (MLV) from doped ZnO nanopowders by water based tape casting: Rheology, sintering, microstructure and properties	Ceramics International	44	7	7837	7843	3.45	https://doi.org/10.1016/j.ceramint.2018.01.218
288	Sukumar M., Kennedy L.J., Vijaya J.J., Al-Najar B., Bououdina M.	Structural, magnetic and catalytic properties of La2-xBaxCuO4 (0âãâ€š¬¯âãâ,¬°¤âãâ€š¬¯xâãâ€š¬¯âãâ,¬°¤âãâ€š¬¯0.5) perovskite nanoparticles	Ceramics International	-	-	-	-	3.45	https://doi.org/10.1016/j.ceramint.2018.07.017
289	Yuvaraj S., Manikandan N., Vinitha G.	Structural and nonlinear optical properties of nickel substituted manganese ferrite nanoparticles	Ceramics International	44	18	22592	22600	3.45	https://doi.org/10.1016/j.ceramint.2018.09.033
290	Happy Agarwal., Menon S., Venkat Kumar S., Rajeshkumar S.	Mechanistic study on antibacterial action of zinc oxide nanoparticles synthesized using green route	Chemico-Biological Interactions	286	-	60	70	3.41	https://doi.org/10.1016/j.cbi.2018.03.008
291	Dasgupta N., Ranjan S., Mishra D., Ramalingam C.	Thermal Co-reduction engineered silver nanoparticles induce oxidative cell damage in human colon cancer cells through inhibition of reduced glutathione and induction of mitochondria-involved apoptosis	Chemico-Biological Interactions	-	-	-	-	3.41	https://doi.org/10.1016/j.cbi.2018.07.028
292	Mandal S.K., Ojha N., Das N.	Optimization of process parameters for the yeast mediated degradation of benzo[a]pyrene in presence of ZnO nanoparticles and produced biosurfactant using 3-level Box-Behnken design	Ecological Engineering	120	-	497	503	3.41	https://doi.org/10.1016/j.ecoleng.2018.07.006
293	Reddy J., Natarajan S.	Control and analysis of MPPT techniques for standalone PV system with high voltage gain interleaved boost converter	Gazi University Journal of Science	31	2	515	530	3.4	https://dergipark.org.tr/gujs/issue/37206/337402
294	Wang Y., Chen Q., Liu L., Li X., Sangaiah A.K., Li K.	Systematic comparison of power line classification methods from ALS and MLS point cloud data	Remote Sensing	10	8	-	-	3.4	https://doi.org/10.3390/rs10081222
295	T Guha., KVG Ravikumar., A Mukherjee., AnitaMukherjee., Rita Kundu	Nanopriming with zero valent iron (nZVI) enhances germination and growth in aromatic rice cultivar (Oryza sativa cv. Gobindabhog L.)	Plant Physiology and Biochemistry	127	-	403	413	3.4	https://www.sciencedirect.com/science/article/pii/S0981942818301724
296	G Murugusundaramoorthy., Serap Bulut	Bi-BazileviÄ functions of complex order involving Ruscheweyh type q-difference operator	Annales Universitatis Paedagogicae Cracoviensis Studia Mathematica	17	-	5	15	3.36	http://studmath.ap.krakow.pl/index.php/studmath/article/view/280
297	Gangadharan Murugusundaramoorthy., Teodor BulboacÄÆ’	Estimate for initial MacLaurin coefficients of certain subclasses of bi-univalent functions of complex order associated with the Hohlov operator	Annales Universitatis Paedagogicae Cracoviensis Studia Mathematica	-	-	27	36	3.36	http://studmath.up.krakow.pl/index.php/studmath/article/view/276
298	Murugesan G., Nithya R., Kalainathan S.	Magnetic studies on Sm0.55Sr0.45Mn0.4Fe0.6O3 single crystals grown by optical floating zone technique	Materials Research Bulletin	99	-	409	413	3.36	https://doi.org/10.1016/j.materresbull.2017.11.032
299	Parui J., Murali B., Biradar B., Krupanidhi S.B.	Oxygen deficiency induced nickel based oxides for UV & IR sensitive photo-conductive devices	Materials Research Bulletin	107	-	321	327	3.36	https://doi.org/10.1016/j.materresbull.2018.08.001

300	Singh R.R., Selvaraj R., Mohan H., Chelliah T.R.	Dynamic Performance of Doubly Fed Hydroelectric Machines under Voltage Unbalance - A Relative Electrothermomechanical Analysis	IEEE Transactions on Industry Applications	54	5	4156	4166	3.35	https://doi.org/10.1109/TIA.2018.2833798
301	Kumar H.G.P., Xavior M.A., Ashwath P.	Ultrasonication and microwave processing of aluminum alloy- Graphene - Al2O3 nanocomposite	Materials and Manufacturing Processes	-	-	1	6	3.35	https://doi.org/10.1080/10426914.2016.1244852
302	Shankar E., Balasivanandha Prabu S., Kumar T.S., John M.R.S.	Investigation of TiAlN coated roller burnishing on Al-(B4C)p MMC workpiece material	Materials and Manufacturing Processes	33	11	1242	1249	3.35	https://doi.org/10.1080/10426914.2018.1453160
303	Kannan C., Ramanujam R., Balan A.S.S.	Machinability studies on Al 7075/BN/Al2O3 squeeze cast hybrid nanocomposite under different machining environments	Materials and Manufacturing Processes	33	5	587	595	3.35	https://doi.org/10.1080/10426914.2017.1401718
304	Prashantha Kumar H.G., Anthony Xavior M.	Encapsulation and microwave hybrid processing of Al 6061âââ€š¬ââ‚¬Å“Grapheneâââ€š¬ââ‚¬Å“SiC composites	Materials and Manufacturing Processes	33	1	19	25	3.35	https://doi.org/10.1080/10426914.2017.1279320
305	Gupta S., Venkatesan K., Devendiran S., Mathew A.T.	Experimental investigation of IN725 under different cooling environments using new tool holder	Materials and Manufacturing Processes	-	-	-	-	3.35	https://doi.org/10.1080/10426914.2018.1532583
306	Srivastava, Mashrin; Suvarna, Saumya; Srivastava, Apoorva; Bharathiraja, S.	Automated emergency paramedical response system	HEALTH INFORMATION SCIENCE AND SYSTEMS	6	-	-	-	3.34	https://doi.org/10.1007/s13755-018-0061-1
307	Kumar, Alok; Tapiawala, Dipti; Mishra, Lakshmi Narayan	Direct estimates for certain integral type Operators	EUROPEAN JOURNAL OF PURE AND APPLIED MATHEMATICS	11	4	958	975	3.34	https://doi.org/10.29020/nybg.ejpam.v11i4.3305
308	Basha, A. Alavudeen; Vivekanandan, S.; Parthasarathy, P.	Evolution of blood pressure control identification in lieu of post-surgery diabetic patients: a review	HEALTH INFORMATION SCIENCE AND SYSTEMS	6	-	-	-	3.34	https://doi.org/10.1007/s13755-018-0055-z
309	Sriraman, Harini; Venkatasubbu, Pattabiraman	Extending Lifetime Reliability Model for Multi-Threaded Architectures	INTERNATIONAL JOURNAL OF NEXT-GENERATION COMPUTING	9	1	51	65	3.34	https://www.researchgate.net/publication/324439517_Extending_Lifetime_Reliability_Model_for_Multi-Threaded_Architectures
310	Kumar V.S., Zhou S.-L., Liu R.-R., Zhu Y.-M., Liu H.-J., Chin Y.-Y., Lin H.-J., Chen C.-T., Zhan Q., Chu Y.-H.	Antiferromagnetic Interfacial Coupling and Giant Magnetic Hysteresis in La0.5Ca0.5MnO3-SrRuO3 Superlattices	ACS Omega	3	10	14266	14273	3.34	https://doi.org/10.1021/acsomega.8b01851
311	Nathk D., Ramanathan P.	A simplified and portable capacitance sensor to measure moisture content of paddy	Gazi University Journal of Science	31	3	821	829	3.34	https://www.researchgate.net/publication/327800984_A_simplified_and_portable_capacitance_sensor_to_measure_moisture_content_of_paddy
312	Panchagnula K.K., Kuppan P.	Improvement in the mechanical properties of neat GFRPs with multi-walled CNTs	Journal of Materials Research and Technology	-	-	-	-	3.33	https://doi.org/10.1016/j.jmrt.2018.02.009

313	RD Padmaja., Kaushik Chanda	A Short Review on Synthetic Advances toward the Synthesis of Rufinamide, an Antiepileptic Drug	Organic Process Research and Development	22	4	457	466	3.33	https://pubs.acs.org/doi/abs/10.1021/acs.oprd.7b00373
314	Pandian B.J., Noel M.M.	Control of a bioreactor using a new partially supervised reinforcement learning algorithm	Journal of Process Control	69	-	16	29	3.32	https://doi.org/10.1016/j.jprocont.2018.07.013
315	Pradeep D.J., Noel M.M.	A Finite Horizon Markov Decision Process Based Reinforcement Learning Control of a Rapid Thermal Processing system	Journal of Process Control	68	-	218	225	3.32	https://doi.org/10.1016/j.jprocont.2018.06.002
316	Rajesh N.P., Ananthi V.J., Vinitha G., Jayasankar C.K.	Investigations on structural, optical and electrical properties of phenyl benzoate single crystal	Optics and Laser Technology	104	-	43	48	3.32	https://doi.org/10.1016/j.optlastec.2018.02.016
317	Barpanda S.S., Majhi B., Sa P.K., Sangaiah A.K., Bakshi S.	Iris feature extraction through wavelet mel-frequency cepstrum coefficients	Optics and Laser Technology	-	-	-	-	3.32	https://doi.org/10.1016/j.optlastec.2018.03.002
318	Ramteke S.P., Baig M.I., Shkir M., Kalainathan S., Shirsat M.D., Muley G.G., Anis M.	Novel report on SHG efficiency, Z-scan, laser damage threshold, photoluminescence, dielectric and surface microscopic studies of hybrid inorganic ammonium zinc sulphate hydrate single crystal	Optics and Laser Technology	104	-	83	89	3.32	https://doi.org/10.1016/j.optlastec.2018.02.018
319	Era P., Jauhar R.M., Vinitha G., Murugakoothan P.	Synthesis, growth, structural modeling and physio-chemical properties of a charge transfer molecule: Guanidinium tosylate	Optics and Laser Technology	101	-	127	137	3.32	https://doi.org/10.1016/j.optlastec.2017.11.005
320	George J., Sajan D., Alex J., Aravind A., Vinitha G., Chitra R.	An experimental and computational approach to electronic and optical properties of Diglycine barium chloride monohydrate crystal: Applications to NLO and OLED	Optics and Laser Technology	105	-	207	220	3.32	https://doi.org/10.1016/j.optlastec.2018.02.056
321	Umapathi A., Swaroop S.	Deformation of single and multiple laser peened TC6 titanium alloy	Optics and Laser Technology	100	-	309	316	3.32	https://doi.org/10.1016/j.optlastec.2017.10.022
322	Vigneshwaran A.N., Kalainathan S., Raja C.R.	Effect of Li and NH4 doping on the crystal perfection, second harmonic generation efficiency and laser damage threshold of potassium pentaborate crystals	Optics and Laser Technology	100	-	153	156	3.32	https://doi.org/10.1016/j.optlastec.2017.10.004
323	Krishnakumar M., Karthick S., Thirupugalmani K., Babu B., Vinitha G.	Growth, spectral, optical, laser damage threshold and DFT investigations on 2-amino 4-methyl pyridinium 4-methoxy benzoate (2A4MP4MB): A potential organic third order nonlinear optical material for optoelectronic applications	Optics and Laser Technology	101	-	91	106	3.32	https://doi.org/10.1016/j.optlastec.2017.11.012
324	Arul Pragasam A.J., Divya M., Pani Vignesh A.V., Vinitha G., Malliga P.	Analysis on linear and nonlinear optical properties of an efficient semi-organic crystal: Thiourea borate	Optics and Laser Technology	107	-	428	434	3.32	https://doi.org/10.1016/j.optlastec.2018.06.003
325	Priyadarshani N., Vinitha G., Sabari Girisun T.C.	Third order nonlinear optical properties of monoclinic and orthorhombic CuNb2O6 under CW laser illumination	Optics and Laser Technology	108	-	287	294	3.32	https://doi.org/10.1016/j.optlastec.2018.06.040

326	Vidhya Hindu S., Thanigaivel S., Vijayakumar S., Chandrasekaran N., Mukherjee A., Thomas J.	Effect of microencapsulated probiotic Bacillus vireti 01-polysaccharide extract of Gracilaria folifera with alginate-chitosan on immunity, antioxidant activity and disease resistance of Macrobrachium rosenbergii against Aeromonas hydrophila infection	Fish and Shellfish Immunology	73	-	112	120	3.3	https://doi.org/10.1016/j.fsi.2017.12.007
327	Elshopakey G.E., Risha E.F., Abdalla O.A., Okamura Y., Hanh V.D., Ibuki M., Sudhakaran R., Itami T.	Enhancement of immune response and resistance against Vibrio parahaemolyticus in kuruma shrimp (Marsupenaeus japonicus) by dietary supplementation of Î²-1,4-mannobiose	Fish and Shellfish Immunology	74	-	26	34	3.3	https://doi.org/10.1016/j.fsi.2017.12.036
328	RebouÃ§as Filho P.P., Peixoto S.A., Medeiros da NÃ³brega R.V., Hemanth D.J., Medeiros A.G., Sangaiah A.K., de Albuquerque V.H.C.	Automatic histologically-closer classification of skin lesions	Computerized Medical Imaging and Graphics	68	-	40	54	3.3	https://doi.org/10.1016/j.compmedimag.2018.05.004
329	Manohar P., Nachimuthu R., Lopes B.S.	The therapeutic potential of bacteriophages targeting gram-negative bacteria using Galleria mellonella infection model	BMC Microbiology	18	1	-	-	3.29	https://doi.org/10.1186/s12866-018-1234-4
330	Samarpita S., Doss H.M., Ganesan R., Rasool M.	Interleukin 17 under hypoxia mimetic condition augments osteoclast mediated bone erosion and expression of HIF-1Î± and MMP-9	Cellular Immunology	332	-	39	50	3.29	https://doi.org/10.1016/j.cellimm.2018.07.005
331	Wu F., Li X., Xu L., Sangaiah A.K., Rodrigues J.J.P.C.	Authentication Protocol for Distributed Cloud Computing: An Explanation of the Security Situations for Internet-of-Things-Enabled Devices	IEEE Consumer Electronics Magazine	7	6	38	44	3.27	https://doi.org/10.1109/MCE.2018.2851744
332	Xu Q., Wu N., Cui L., Lin M., Thirumal Kumar D., George Priya Doss C., Wu Z., Shen J., Song X., Qiu G.	Comparative analysis of the two extremes of FLNB-mutated autosomal dominant disease spectrum: From clinical phenotypes to cellular and molecular findings	American Journal of Translational Research	10	5	1400	1412	3.27	https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5992551/
333	Prabavathi S.L., Kumar P.S., Saravanakumar K., Muthuraj V., Karuthapandian S.	A novel sulphur decorated 1-D MoO3 nanorods: Facile synthesis and high performance for photocatalytic reduction of hexavalent chromium	Journal of Photochemistry and Photobiology A: Chemistry	356	-	642	651	3.26	https://doi.org/10.1016/j.jphotochem.2018.02.007
334	Deepa S., kumar K.R.	A symmetrical luminol based azo derivative for trimodal ratiometric Hg2+ sensing and its application to bioimaging in living cells	Journal of Photochemistry and Photobiology A: Chemistry	364	-	773	786	3.26	https://doi.org/10.1016/j.jphotochem.2018.07.013
335	Upadhyay Y., Anand T., Babu L.T., Paira P., Kumar SK A., Kumar R., Sahoo S.K.	Combined use of spectrophotometer and smartphone for the optical detection of Fe3+ using a vitamin B6 cofactor conjugated pyrene derivative and its application in live cells imaging	Journal of Photochemistry and Photobiology A: Chemistry	361	-	34	40	3.26	https://doi.org/10.1016/j.jphotochem.2018.05.002
336	Gurudevaru C., Gopalakrishnan M., Senthilkumar K., Hemachandran H., Siva R., Srinivasan T., Velmurugan D., Shanmugan S., Palanisami N.	Synthesis and structural and DNA binding studies of mono- and dinuclear copper(II) complexes constructed with âââ‚¬Âââ€š¬O and âââ‚¬Âââ€š¬N donor ligands: Potential anti-skin cancer drugs	Applied Organometallic Chemistry	32	2	-	-	3.26	https://doi.org/10.1002/aoc.3998

337	Sura M.R., Bijivemula N.R., Pogula S.R., Motakatla V.K.R., Madhvesh P., Peddiahgari V.G.R.	Highly efficient Pd-PEPPSI-IPr catalyst for N-(4-pyridazinyl)-bridged bicyclic sulfonamides via Suzukiâ€šÂ¬Å“Miyaura coupling reaction	Applied Organometallic Chemistry	32	2	4068	4068	3.26	https://doi.org/10.1002/aoc.4068
338	David E., Thirumoorthy K., Palanisami N.	Ferrocene-appended donorâ€¬â€œÏâ€¬â€œacceptor Schiff base: Structural, nonlinear optical, aggregation-induced emission and density functional theory studies	Applied Organometallic Chemistry	32	11	-	-	3.26	https://doi.org/10.1002/aoc.4522
339	Srinivasan E., Rajasekaran R.	Quantum chemical and molecular mechanics studies on the assessment of interactions between resveratrol and mutant SOD1 (G93A) protein	Journal of Computer-Aided Molecular Design	32	12	1347	1361	3.25	https://doi.org/10.1007/s10822-018-0175-1
340	Priyadarshini B., Vijayalakshmi U.	Development of cerium and silicon co-doped hydroxyapatite nanopowder and its in vitro biological studies for bone regeneration applications	Advanced Powder Technology	29	11	2792	2803	3.25	https://doi.org/10.1016/j.apt.2018.07.028
341	Saravanan N., Mayuri P., Huang S.-T., Kumar A.S.	In-situ electrochemical immobilization of [Mn(bpy)2(H2O)2]2+ complex on MWCNT modified electrode and its electrocatalytic H2O2 oxidation and reduction reactions: A Mn-Pseudocatalase enzyme bio-mimicking electron-transfer functional model	Journal of Electroanalytical Chemistry	812	-	10	21	3.22	https://doi.org/10.1016/j.jelechem.2018.01.041
342	KhairunnisaAmreen., Annamalai SenthilKumar	A human whole blood chemically modified electrode for the hydrogen peroxide reduction and sensing: Real-time interaction studies of hemoglobin in the red blood cell with hydrogen peroxide	Journal of Electroanalytical Chemistry	815	-	189	197	3.22	https://www.sciencedirect.com/science/article/pii/S1572665718301929
343	Amreen K., Kumar A.S.	Bio-electrocatalytic reduction of dissolved oxygen by whole blood chemically modified electrode and its application	Journal of Electroanalytical Chemistry	809	-	36	43	3.22	https://doi.org/10.1016/j.jelechem.2017.12.047
344	Rama Jayaraj., Chellan Kumarasamy., Shanthi Sabarimurugan., Siddhartha Baxi	Commentary: Blood-Derived microRNAs for Pancreatic Cancer Diagnosis: A Narrative Review and Meta-Analysis	Frontiers in Physiology	9	1896	1	2	3.2	https://www.frontiersin.org/articles/10.3389/fphys.2018.01896/full
345	Sreenivasulu V., Manikandan M.	High-temperature corrosion behaviour of air plasma sprayed Cr3C2-25NiCr and NiCrMoNb powder coating on alloy 80A at 900 Â°C	Surface and Coatings Technology	337	-	250	259	3.19	https://doi.org/10.1016/j.surfcoat.2018.01.011
346	Rajamanickam, T.; Muthu, S.; Murugan, P.; Pathikonda, M.; Senthilnathan, K.; Raj, N. Arunai Nambi; Babu, P. Ramesh	Study of Dosimetric Properties of Flattened and Un-Flattened Mega Voltage X-Ray Beam on High Z Implant Materials	Medical Physics	45	6	E308	E308	3.18	https://aapm.onlinelibrary.wiley.com/doi/full/10.1002/acm2.12451
347	Rajamanickam, T.; Muthu, S.; Murugan, P.; Pathikonda, M.; Senthilnathan, K.; Raj, N. Arunai Nnambi; Babu, P. Ramesh	Studies on Fundamental Interaction Parameters For Stainless Steel And Titanium Using Flattened And Un-Flattened Mega Voltage X-Ray Beam	Medical Physics	45	6	E302	E302	3.18	-

348	Thiyagarajan, R.; Mariagandhi, E.; Kataria, T.; Manigandan, D.; TamilSelvan; Kamaraj, D.; Veni, M.; Nambirai, N. Arunai	iBEAM evo Couch Modeling and Validation for Monaco Treatment Planning System	Medical Physics	45	6	E303	E303	3.18	-
349	Elavarasan D., Vincent D.R., Sharma V., Zomaya A.Y., Srinivasan K.	Forecasting yield by integrating agrarian factors and machine learning models: A survey	Computers and Electronics in Agriculture	155	-	257	282	3.17	https://doi.org/10.1016/j.compag.2018.10.024
350	Miryala S.K., Ramaiah S.	Exploring the multi-drug resistance in Escherichia coli O157:H7 by gene interaction network: A systems biology approach	Genomics	-	-	-	-	3.16	https://doi.org/10.1016/j.ygeno.2018.06.002
351	Sankari M., Rao P.R., Hemachandran H., Pullela P.K., Doss C G.P., Tayubi I.A., Subramanian B., Gothandam K.M., Singh P., Ramamoorthy S.	Prospects and progress in the production of valuable carotenoids: Insights from metabolic engineering, synthetic biology, and computational approaches	Journal of Biotechnology	266	-	89	101	3.16	https://doi.org/10.1016/j.jbiotec.2017.12.010
352	Manonmani Mohandoss., Soujit Sen Gupta., Ramesh Kumar., Md Rabiul Islam., Anirban Som., Azhardin Ganayee Mohd., T. Pradeep., Shihabudheen M. Maliyekkal	Self-propagated combustion synthesis of few-layered graphene: an optical properties perspective	Nanoscale Research Letters	10	16	7581	7588	3.16	https://www.ncbi.nlm.nih.gov/pubmed/?term=Self-propagated+combustion+synthesis+of+few-layered+graphene%3A+an+optical+properties+perspective
353	Ambasta RK, Gupta R, Kumar D, Bhattacharya S, Sarkar A, Kumar P.	Can luteolin be a therapeutic molecule for both colon cancer and diabetes?	Briefings in Functional Genomics	-	-	-	-	3.13	https://www.ncbi.nlm.nih.gov/pubmed/?term=Can+luteolin+be+a+therapeutic+molecule+for+both+colon+cancer+and+diabetes%3F
354	Shaik A.H., Chandan M.R.	Preparation of stable copper nanostructures and their direct phase transfer using mercaptosuccinic acid	Colloids and Surfaces A: Physicochemical and Engineering Aspects	550	-	46	55	3.13	https://doi.org/10.1016/j.colsurfa.2018.04.025
355	Vignesh V., Subramani K., Sathish M., Navamathavan R.	Electrochemical investigation of manganese ferrites prepared via a facile synthesis route for supercapacitor applications	Colloids and Surfaces A: Physicochemical and Engineering Aspects	538	-	668	677	3.13	https://doi.org/10.1016/j.colsurfa.2017.11.045
356	KlavÅ¾ar S., Azubha Jemilet D., Rajasingh I., Manuel P., Parthiban N.	General Transmission Lemma and Wiener complexity of triangular grids	Applied Mathematics and Computation	338	-	115	122	3.09	https://doi.org/10.1016/j.amc.2018.05.056
357	Lekha S., Suchetha M.	A Novel 1-D Convolution Neural Network with SVM Architecture for Real-Time Detection Applications	IEEE Sensors Journal	18	2	724	731	3.08	https://doi.org/10.1109/JSEN.2017.2780178
358	Jindal S.K., Kumar Y., Priya S., Kumar A., Raghuwanshi S.K.	Design and Analysis of MEMS Pressure Transmitter using Mach Zehnder Interferometer and Artificial Neural Networks	IEEE Sensors Journal	-	-	-	-	3.08	https://doi.org/10.1109/JSEN.2018.2852006
359	Anandan N., Varma Muppala A., George B.	A Flexible, Planar-Coil-Based Sensor for Through-Shaft Angle Sensing	IEEE Sensors Journal	18	24	10217	10224	3.08	https://doi.org/10.1109/JSEN.2018.2874065
360	Geethanjali B., Adalarasu K., Mohan J., Seshadri N.P.G.	Music Induced Brain Functional Connectivity using EEG Sensors: A Study on Indian Music	IEEE Sensors Journal	-	-	-	-	3.08	https://doi.org/10.1109/JSEN.2018.2873402

361	PalaniDinesh., MahaboobKhanRasool	Berberine inhibits IL-21/IL-21R mediated inflammatory proliferation of fibroblast-like synoviocytes through the attenuation of PI3K/Akt signaling pathway and ameliorates IL-21 mediated osteoclastogenesis	Cytokine	106	-	54	66	3.08	https://www.ncbi.nlm.nih.gov/pubmed/29549724
362	Rani B., Punniyakoti S., Sahu N.K.	Polyol asserted hydrothermal synthesis of SnO2 nanoparticles for the fast adsorption and photocatalytic degradation of methylene blue cationic dye	New Journal of Chemistry	42	2	943	954	3.07	https://doi.org/10.1039/c7nj03341a
363	Manickam S., Balijapalli U., Sathiyanarayanan K.I.	SnCl2-catalyzed synthesis of dihydro-5 H-benzo [f] pyrazolo[3,4- b] quinoline and dihydroindeno[2,1- b] pyrazolo[4,3- e] pyridine with high fluorescence and their photophysical properties	New Journal of Chemistry	42	2	860	871	3.07	https://doi.org/10.1039/c7nj03654j
364	Vetriarasu Venkatesan., S. K. Ashok Kumar., Shilpa Bothrab., Suban K. Sahoob	Highly selective iodide sensing ability of an anthraquinone-derived Schiff base in semi-aqueous medium and its performance in antioxidation, anti-inflammation and HRBC membrane protection	New Journal of Chemistry	42	8	6175	6182	3.07	http://pubs.rsc.org/en/content/articlehtml/2018/nj/c7nj03824k
365	Jauhar R.M., Era P., Viswanathan V., Vivek P., Vinitha G., Velmurugan., Murugakoothan P.	Crystal structure, molecular packing, FMO, NBO, nonlinear optical and optical limiting properties of an organic imidazolium diphenylacetate diphenylacetic acid single crystal	New Journal of Chemistry	42	4	2439	2449	3.07	https://doi.org/10.1039/c7nj03693k
366	Ponram M., Balijapalli U., Sambath B., Iyer S.K., Venkatachalapathy B., Cingaram R., Natesan Sundaramurthy K.	Development of paper-based chemosensor for the detection of mercury ions using mono- and tetra-sulfur bearing phenanthridines	New Journal of Chemistry	42	11	8530	8536	3.07	https://doi.org/10.1039/c8nj00760h
367	Bharathi M.V., De S., Lavanya T., Maiti S., Sarkar B., Ashok Kumar S.K., Paira P.	Surface immobilization of biotin-DNA conjugates on polystyrene beads: Via SPAAC for biological interaction and cancer theranostic applications	New Journal of Chemistry	42	11	9116	9125	3.07	https://doi.org/10.1039/c8nj00814k
368	Alex S.A., Chandrasekaran N., Mukherjee A.	Gold nanorod-based fluorometric ELISA for the sensitive detection of a cancer biomarker	New Journal of Chemistry	42	19	15852	15859	3.07	https://doi.org/10.1039/C8NJ03467B
369	Nanda Kumar D., Chandrasekaran N., Mukherjee A.	Horseradish peroxidase-mediated in situ synthesis of silver nanoparticles: application for sensing of mercury	New Journal of Chemistry	42	16	13763	13769	3.07	https://doi.org/10.1039/c8nj02083c
370	Chakraborty D., Tripathi S., Ethiraj K.R., Chandrasekaran N., Mukherjee A.	Human serum albumin corona on functionalized gold nanorods modulates doxorubicin loading and release	New Journal of Chemistry	42	20	16555	16563	3.07	https://doi.org/10.1039/c8nj03673j
371	Joshi J.H., Joshi G.M., Joshi M.J., Jethva H.O., Parikh K.D.	Raman, photoluminescence, and a.c. electrical studies of pure and l-serine doped ammonium dihydrogen phosphate single crystals: an understanding of defect chemistry in hydrogen bonding	New Journal of Chemistry	42	21	17227	17249	3.07	https://doi.org/10.1039/C8NJ03393E
372	Sukumar M., Kennedy L.J., Vijaya J.J., Al-Najar B., Bououdina M.	Co2+ substituted La2CuO4/LaCoO3 perovskite nanocomposites: Synthesis, properties and heterogeneous catalytic performance	New Journal of Chemistry	42	22	18128	18142	3.07	https://doi.org/10.1039/c8nj04133d

373	Karthik S., Gandhi T.	Dibenzofuran and dibenzothiophene based palladium(ii)/NHC catalysts-synthesis and applications in C-C bond formation	New Journal of Chemistry	42	19	15811	15819	3.07	https://doi.org/10.1039/C8NJ02989J
374	Sakthivel M., Franklin D.S., Sudarsan S., Chitra G., Sridharan T.B., Guhanathan S.	Investigation on pH/salt-responsive multifunctional itaconic acid based polymeric biocompatible, antimicrobial and biodegradable hydrogels	Reactive and Functional Polymers	122	-	9	21	3.07	https://doi.org/10.1016/j.reactfunctpolym.2017.10.021
375	Annam S., Brahmmananda Rao C.V.S., Sivaraman N., Sivaramakrishna A., Vijayakrishna K.	Carbamoylmethylphosphine oxide functionalised porous crosslinked polymers towards sequential separation of uranium (VI) and thorium (IV)	Reactive and Functional Polymers	131	-	203	210	3.07	https://doi.org/10.1016/j.reactfunctpolym.2018.07.026
376	Sabarimurugan S., Madurantakam Royam M., Das A., Das S., K M G., Jayaraj R.	Systematic Review and Meta-analysis of the Prognostic Significance of miRNAs in Melanoma Patients	Molecular Diagnosis and Therapy	22	6	653	669	3.06	https://doi.org/10.1007/s40291-018-0357-5
377	Singh, Krishn Pratap; Shakeel, Shayan; Naskar, Namrata; Bharti, Aakanksha; Kaul, Asha; Anwar, Shadab; Kumari, Shweta; Kumar, Amod; Singh, Jiv Kant; Kumari, Nutan; Gupta, Birendra Kumar; Manna, Purwa; Roy, Vishwaprakash; Lata, Sneh; Singh, Om P.; Sinha, Ma	Role of IL-1 beta, IL-6 and TNF-alpha cytokines and TNF-alpha promoter variability in Plasmodium vivax infection during pregnancy in endemic population of Jharkhand, India	Molecular Immunology	97	-	82	93	3.06	-
378	Hong Y., Hao Z., Mai G., Huang H., Kumar Sangaiah A.	Causal Discovery Combining K2 with Brain Storm Optimization Algorithm	Molecules	23	7	-	-	3.06	https://doi.org/10.3390/molecules23071729
379	Jesudoss S.K., Vijaya J.J., Kaviyarasu K., Kennedy L.J., Jothi Ramalingam R., Al-Lohedan H.A.	Anti-cancer activity of hierarchical ZSM-5 zeolites synthesized from rice-based waste materials	RSC Advances	8	1	481	490	3.05	https://doi.org/10.1039/c7ra11763a
380	Imran M., Shaik A.H., Ansari A.R., Aziz A., Hussain S., Fadil Abouatiaa A.F., Khan A., Chandan M.R.	Synthesis of highly stable Î³-Fe2O3 ferrofluid dispersed in liquid paraffin, motor oil and sunflower oil for heat transfer applications	RSC Advances	8	25	13970	13975	3.05	https://doi.org/10.1039/c7ra13467c
381	Imran, Mohd; Shaik, Aabid Hussain; Ansari, Akhalakur Rahman; Aziz, Abdul; Hussain, Shahir; Abouatiaa, Ahmed Farag Fadil; Khan, Afzal; Chandan, Mohammed Rehaan	Synthesis of highly stable gamma-Fe2O3 ferrofluid dispersed in liquid paraffin, motor oil and sunflower oil for heat transfer applications	RSC Advances	8	25	13970	13975	3.05	-
382	Jesudoss, S. K.; Vijaya, J. Judith; Kaviyarasu, K.; Kennedy, L. John; Ramalingam, R. Jothi; Al-Lohedan, Hamad A.	y Anti-cancer activity of hierarchical ZSM-5 zeolites synthesized from rice-based waste materials	RSC Advances	8	1	481	490	3.05	-
383	Shofia S.I., Jayakumar K., Mukherjee A., Chandrasekaran N.	Efficiency of brown seaweed (: Sargassum longifolium) polysaccharides encapsulated in nanoemulsion and nanostructured lipid carrier against colon cancer cell lines HCT 116	RSC Advances	8	29	15973	15984	3.05	https://doi.org/10.1039/c8ra02616e

384	Narasimman S., Balakrishnan L., Alex Z.C.	Fiber optic magnetic field sensor using Co doped ZnO nanorods as cladding	RSC Advances	8	33	18243	18251	3.05	https://doi.org/10.1039/c8ra01803k
385	Manickam S., Balijapalli U., Sawminathan S., Samuelrajamani P., Kamaraj S., Shanmugam V., Ramalingam S., Iyer S.K.	One-Pot Synthesis and Photophysical Studies of Styryl-Based Benzo[f]pyrazolo[3,4-b]quinoline and Indeno[2,1-b]pyrazolo[4,3-e]pyridines	European Journal of Organic Chemistry	2018	45	6204	6216	3.03	https://doi.org/10.1002/ejoc.201801015
386	Sodhro A.H., Sangaiah A.K., Sodhro G.H., Lohano S., Pirbhulal S.	An energy-efficient algorithm for wearable electrocardiogram signal processing in ubiquitous healthcare applications	Sensors (Switzerland)	18	3	-	-	3.03	https://doi.org/10.3390/s18030923
387	Yang T., Long X., Sangaiah A.K., Zheng Z., Tong C.	Deep detection network for real-life traffic sign in vehicular networks	Computer Networks	136	-	95	104	3.03	https://doi.org/10.1016/j.comnet.2018.02.026
388	Kumar P.M., Devi G U., Manogaran G., Sundarasekar R., Chilamkurti N., Varatharajan R.	Ant colony optimization algorithm with Internet of Vehicles for intelligent traffic control system	Computer Networks	144	-	154	162	3.03	https://doi.org/10.1016/j.comnet.2018.07.001
389	Abdullah A., Ravanan P.	The unknown face of IRE1Î± âââ€š¬ââ‚¬Å“ Beyond ER stress	European Journal of Cell Biology	97	5	359	368	3.02	https://doi.org/10.1016/j.ejcb.2018.05.002
390	Ramki, C.; Vizhi, R. Ezhil	Study on the mechanical properties of potassium sodium hydroxide borate hydrate (KSB) single crystals by using Vickers microhardness tester	Materials Letters	215	-	165	168	3.02	-
391	Panchangam R.L., Manickam V., Chanda K.	Assembly of Fully Substituted 2H-Indazoles Catalyzed by Cu2O Rhombic Dodecahedra and Evaluation of Anticancer Activity	Chemmedchem	-	-	-	-	3.02	https://doi.org/10.1002/cmdc.201800707
392	Rajasegharan V.V., Premalatha L., Rengaraj R.	Modelling and controlling of PV connected quasi Z-source cascaded multilevel inverter system: An HACSNN based control approach	Electric Power Systems Research	162	-	10	22	3.02	https://doi.org/10.1016/j.epsr.2018.04.020
393	M Lakshmi., S Hemamalini	Coordinated control of MPPT and voltage regulation using single-stage high gain DCâ€“DC converter in a grid-connected PV system	Electric Power Systems Research	169	-	65	73	3.02	https://www.sciencedirect.com/science/article/pii/S0378779618304085
394	K. R.R., Meikandasivam S.	Optimal distribution of Plug-In-Electric Vehicle's storage capacity using Water Filling Algorithm for load flattening and vehicle prioritization using ANFIS	Electric Power Systems Research	165	-	120	133	3.02	https://doi.org/10.1016/j.epsr.2018.09.012
395	Pranesh V., Balasubramanian S., Mahalingam S., Ravikumar S., Michael T.C., Kanimozhi B.	Ignition Behavior of Benzoic Resin Solid Fuel Pellets over a Surface Induction Heating Plate Using a Liquefied Petroleum Gas Flame Ignitor	Energy and Fuels	32	7	7888	7897	3.02	https://doi.org/10.1021/acs.energyfuels.8b01256
396	Devrukhakar P.S., M. S.S., Shankar G., R S.	Proposal of degradation pathway with toxicity prediction for hydrolytic and photolytic degradation products of timolol	Journal of Pharmaceutical and Biomedical Analysis	154	-	7	15	2.98	https://doi.org/10.1016/j.jpba.2018.02.057
397	Vijender N.	BERNSTEIN FRACTAL RATIONAL APPROXIMANTS with NO CONDITION on SCALING VECTORS	FRACTALS-COMPLEX GEOMETRY PATTERNS AND SCALING IN NATURE AND SOCIETY	26	4	-	-	2.97	https://doi.org/10.1142/S0218348X18500457

398	Mishra A.K., Ghosh A.R.	Characterization of Functional, Safety, and Probiotic Properties of Enterococcus faecalis AG5 Isolated From Wistar Rat, Demonstrating Adherence to HCT 116 Cells and Gastrointestinal Survivability	Probiotics and Antimicrobial Proteins	10	3	435	445	2.96	https://doi.org/10.1007/s12602-018-9387-x
399	Ranjanil, Anandan; Gopinath, Ponnusamy Manogaran; Ananth, Selvaraju; Narchonai, Ganesan; Santhanam, Perumal; Thajuddin, Nooruddin; Dhanasekaran, Dharumadurai	Multidimensional dose-response toxicity exploration of silver nanoparticles from Nocardiopsis flavascens RD30	APPLIED NANOSCIENCE	8	4	699	713	2.95	https://doi.org/10.1007/s13204-018-0824-7
400	Marimuthu M., Marimuthu P., S.K. A.K., Palanivelu S., Rajagopalan V.	Tuning the basicity of Cu-based mixed oxide catalysts towards the efficient conversion of glycerol to glycerol carbonate	Molecular Catalysis	460	-	53	62	2.94	https://doi.org/10.1016/j.mcat.2018.09.002
401	Prasob P.A., Sasikumar M.	Static and dynamic behavior of jute/epoxy composites with ZnO and TiO2 fillers at different temperature conditions	Polymer Testing	69	-	52	62	2.94	https://doi.org/10.1016/j.polymertesting.2018.04.040
402	Arumugham T., Kaleekkal N.J., Rana D.	Fabrication of novel aromatic amine functionalized nanofiltration (NF) membranes and testing its dye removal and desalting ability	Polymer Testing	72	-	1	10	2.94	https://doi.org/10.1016/j.polymertesting.2018.09.028
403	Balasubramanian G., Kanagasabai A., Jagannath M., Seshadri N.P.G.	Music induced emotion using wavelet packet decompositionâââ€š¬ââ,¬ÂAn EEG study	Biomedical Signal Processing and Control	42	-	115	128	2.94	https://doi.org/10.1016/j.bspc.2018.01.015
404	Jeevakala S., Brintha Therese A.	Sharpening enhancement technique for MR images to enhance the segmentation	Biomedical Signal Processing and Control	41	-	21	30	2.94	https://doi.org/10.1016/j.bspc.2017.11.007
405	Rajesh K.N.V.P.S., Dhuli R.	Classification of imbalanced ECG beats using re-sampling techniques and AdaBoost ensemble classifier	Biomedical Signal Processing and Control	41	-	242	254	2.94	https://doi.org/10.1016/j.bspc.2017.12.004
406	Joseph R.K., Titus G., M S S.	Effective EMG denoising using a hybrid model based on WAT and GARCH	Biomedical Signal Processing and Control	45	-	305	312	2.94	https://doi.org/10.1016/j.bspc.2018.05.040
407	Sharma M., Hegde P., Hiremath K., Reddy H V., Kamalanathan A.S., Swamy B.M., Inamdar S.R.	Purification, characterization and fine sugar specificity of a N-Acetylgalactosamine specific lectin from Adenia hondala	Glycoconjugate Journal	35	6	511	523	2.93	https://doi.org/10.1007/s10719-018-9843-6
408	Aditya R.A.N.S., Thampy A.S.	Behavioral and Modal Analysis of Graphene-Based Polygonal Optical Antenna for Enhanced Bio-molecular Detection	Plasmonics	-	-	1	10	2.93	https://doi.org/10.1007/s11468-018-0804-5
409	Suresh P.K., Divya N., Nidhi S., Rajasekaran R.	Phenytoin-Bovine Serum Albumin interactions - modeling plasma protein âââ€š¬ââ,¬Å“ drug binding: A multi-spectroscopy and in silico-based correlation	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	193	-	523	527	2.93	https://doi.org/10.1016/j.saa.2017.12.069
410	Anand T., Ashok Kumar S.K., Sahoo S.K.	A new Al3+ selective fluorescent turn-on sensor based on hydrazide-naphthalic anhydride conjugate and its application in live cells imaging	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	204	-	105	112	2.93	https://doi.org/10.1016/j.saa.2018.06.033

411	Nagaradona S., Dhanakotti R.B.	Spectral, nonlinear optical and optical limiting properties of L-phenylalanine L-phenylalaninium formate single crystal	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	203	-	147	157	2.93	https://doi.org/10.1016/j.saa.2018.05.095
412	Vinayagam S., Rajaiah P., Mukherjee A., Natarajan C.	DNA-triangular silver nanoparticles nanoprobe for the detection of dengue virus distinguishing serotype	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	202	-	346	351	2.93	https://doi.org/10.1016/j.saa.2018.05.047
413	George G., Saravanakumar M.P.	Facile synthesis of carbon-coated layered double hydroxide and its comparative characterisation with Zn-Al LDH: application on crystal violet and malachite green dye adsorption-isotherm, kinetics and Box-Behnken design	Environmental science and pollution research international	25	30	30236	30254	2.91	https://doi.org/10.1007/s11356-018-3001-3
414	Mani A., Kulandaivellu T., Govindaswamy S., Mohan A.M.	Fe3O4 nanoparticle-encapsulated mesoporous carbon composite: An efficient heterogeneous Fenton catalyst for phenol degradation	Environmental Science and Pollution Research	25	21	20419	20429	2.91	https://doi.org/10.1007/s11356-017-9663-4
415	Barsha Roy., Hemamalini Chandrasekaran., Suresh Palamadai Krishnan., Natarajan Chandrasekaran., Amitava Mukherjee	UVÎ‘ pre-irradiation to P25 titanium dioxide nanoparticles enhanced its toxicity towards freshwater algae Scenedesmus obliquus	Environmental Science and Pollution Research	25	17	16729	16742	2.91	https://doi.org/10.1007/s11356-018-1860-2
416	Mishra P., Samuel M.K., Reddy R., Tyagi B.K., Mukherjee A., Chandrasekaran N.	Environmentally benign nanometric neem-laced urea emulsion for controlling mosquito population in environment	Environmental Science and Pollution Research	25	3	2211	2230	2.91	https://doi.org/10.1007/s11356-017-0591-0
417	Bragadeshwaran A., Kasianantham N., Balusamy S., Muniappan S., Reddy D.M.S., Subhash R.V., Pravin N.A., Subbarao R.	Mitigation of NOx and smoke emissions in a diesel engine using novel emulsified lemon peel oil biofuel	Environmental Science and Pollution Research	-	-	1	17	2.91	https://doi.org/10.1007/s11356-018-2574-1
418	Roy, Barsha; Chandrasekaran, Hemamalini; Krishnan, Suresh Palamadai; Chandrasekaran, Natarajan; Mukherjee, Amitava	UVI pre-irradiation to P25 titanium dioxide nanoparticles enhanced its toxicity towards freshwater algae Scenedesmus obliquus	ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH	25	17	16729	16742	2.91	https://doi.org/10.1007/s11356-018-1860-2
419	Mishra P., Vinayagam S., Duraisamy K., Patil S.R., Godbole J., Mohan A., Mukherjee A., Chandrasekaran N.	Distinctive impact of polystyrene nano-spherules as an emergent pollutant toward the environment	Environmental Science and Pollution Research	-	-	-	-	2.91	https://doi.org/10.1007/s11356-018-3698-z
420	Bragadeshwaran A., Kasianantham N., Ballusamy S., Tarun K.R., Dharmaraj A.P., Kaisan M.U.	Experimental study of methyl tert-butyl ether as an oxygenated additive in diesel and Calophyllum inophyllum methyl ester blended fuel in CI engine	Environmental Science and Pollution Research	25	33	33573	33590	2.91	https://doi.org/10.1007/s11356-018-3318-y

421	George G., Saravanakumar M.P.	Correction to: Facile synthesis of carbon-coated layered double hydroxide and its comparative characterisation with Znââ,¬â€œAl LDH: application on crystal violet and malachite green dye adsorptionââ,¬â€isotherm, kinetics and Box-Behnken design (Environmental Sc	Environmental Science and Pollution Research	25	30	30255	30256	2.91	https://doi.org/10.1007/s11356-018-3115-7
422	Patle D.S., Manca D., Nazir S., Sharma S.	Operator training simulators in virtual reality environment for process operators: a review	Virtual Reality	-	-	1	19	2.91	https://doi.org/10.1007/s10055-018-0354-3
423	V.K M.A., V.M. C., Pandurangan S.	Protein Domain Level Cancer Drug Targets in the Network of MAPK pathways	IEEE/ACM Transactions on Computational Biology and Bioinformatics	-	-	-	-	2.9	https://doi.org/10.1109/TCBB.2018.2829507
424	Ahmed S.A., John B.	Liquid âââ€š¬ââ,¬Å“ Liquid horizontal pipe flow âââ€š¬ââ,¬Å“ A review	Journal of Petroleum Science and Engineering	168	-	426	447	2.89	https://doi.org/10.1016/j.petrol.2018.04.012
425	Dash C.S., Sahoo S., Prabaharan S.R.S.	Resistive switching and impedance characteristics of M/TiO2âËâ€ ââ,¬â„¢x/TiO2/M nano-ionic memristor	SOLID STATE IONICS	324	-	218	225	2.89	https://doi.org/10.1016/j.ssi.2018.07.012
426	Mahesh K., Karpagam S., Goubard F.	Conductive and photoactive nature of conjugated polymer based on thiophene functionalized thiazole or benzothiadiazole	Express Polymer Letters	12	3	238	255	2.88	https://doi.org/10.3144/expresspolymlett.2018.22
427	Vidhya V. Iyer., P. Yoga Priya., Jeipreeti Kangeyavelu	Effects of increased accumulation of doxorubicin due to emodin on efflux transporter and LRP1 expression in lung adenocarcinoma and colorectal carcinoma cells	Molecular and Cellular Biochemistry	449	1(2)	91	104	2.88	https://link.springer.com/article/10.1007/s11010-018-3346-4
428	Priyanka S., Sudhakar M.S.	Geometrically modeled derivative feature descriptor aiding supervised shape retrieval	Applied Intelligence	48	12	4960	4975	2.88	https://doi.org/10.1007/s10489-018-1251-x
429	Shetgaonkar S.E., Singh F.V.	A Metal-Free Approach for the Synthesis of 2-Tetralones via Carbanion-Induced Ring Transformation of 2 H -Pyran-2-ones	Synthesis (Germany)	50	17	3540	3548	2.87	https://doi.org/10.1055/s-0036-1591591
430	Singh F.V., Mangaonkar S.R.	Hypervalent Iodine(III)-Catalyzed Synthesis of 2-Arylbenzofurans	Synthesis (Germany)	50	24	4940	4948	2.87	https://doi.org/10.1055/s-0037-1610650
431	Anusudha T.A., Prabaharan S.R.S.	A versatile window function for linear ion drift memristor model âââ€š¬ââ,¬Å“ A new approach	AEU - International Journal of Electronics and Communications	90	-	130	139	2.85	https://doi.org/10.1016/j.aeue.2018.04.020
432	Ravi V., Prabaharan S.R.S.	Fault tolerant adaptive write schemes for improving endurance and reliability of memristor memories	AEU - International Journal of Electronics and Communications	94	-	392	406	2.85	https://doi.org/10.1016/j.aeue.2018.07.023
433	Muthulakshmi S., Dash C.S., Prabaharan S.R.S.	Memristor augmented approximate adders and subtractors for image processing applications: An approach	AEU - International Journal of Electronics and Communications	91	-	91	102	2.85	https://doi.org/10.1016/j.aeue.2018.05.003

434	Kannadasan S, Ethiraj KR.	An Overview of Synthesis of Indole Alkaloids and Biological Activities of Secondary metabolites Isolated from Hyrtios Species.	Mini-Reviews in Medicinal Chemistry	-	-	-	-	2.84	https://www.ncbi.nlm.nih.gov/pubmed/?term=Kannadasan+S%2C+Ethiraj+KR.%09An+Overview+of+Synthesis+of+Indole+Alkaloids+and+Biological+Activities+of+Secondary+metabolites+Isolated+from+Hyrtios+Species
435	Ganapathi M., Polit O.	A nonlocal higher-order model including thickness stretching effect for bending and buckling of curved nanobeams	Applied Mathematical Modelling	57	-	121	141	2.84	https://doi.org/10.1016/j.apm.2017.12.025
436	Bhakyashree K., Kannabiran K.	Actinomycetes mediated targeting of drug resistant MRSA pathogens	Journal of King Saud University - Science	-	-	-	-	2.83	https://doi.org/10.1016/j.jksus.2018.04.034
437	Arunkumar M.P., Pitchaimani J., Gangadharan K.V., Leninbabu M.C.	Vibro-acoustic response and sound transmission loss characteristics of truss core sandwich panel filled with foam	Aerospace Science and Technology	78	-	1	11	2.83	https://doi.org/10.1016/j.ast.2018.03.029
438	Janakiraman V.N., SolÃ© M., Maria S., Pezzini J., Cabanne C., Santarelli X.	Comparative study of strong cation exchangers: Structure-related chromatographic performances	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	1080	-	1	10	2.81	https://doi.org/10.1016/j.jchromb.2018.02.014
439	G. A.G., Kamalanathan A.S., Vijayalakshmi M.A., Venkataraman K.	Efficient purification of Apolipoprotein A1 (ApoA1) from plasma by HEA HyperCelâââ,¬Å¾¢: An alternative approach	Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences	1073	-	104	109	2.81	https://doi.org/10.1016/j.jchromb.2017.12.016
440	Ebenezer R.H.P.Isaac., SusanElias., S RajagopalaN., K.S.Easwarakumara	Multiview Gait-Based Gender Classification through Pose-Based Voting	Pattern Recognition Letters	-	-	-	-	2.81	https://www.sciencedirect.com/science/article/pii/S0167865518301405
441	Sajjad M., Khan S., Hussain T., Muhammad K., Sangaiah A.K., Castiglione A., Esposito C., Baik S.W.	CNN-based anti-spoofing two-tier multi-factor authentication system	Pattern Recognition Letters	-	-	-	-	2.81	https://doi.org/10.1016/j.patrec.2018.02.015
442	Das S., Muhammad K., Bakshi S., Mukherjee I., K Sa P., Sangaiah A.K., Bruno A.	Lip biometric template security framework using spatial steganography	Pattern Recognition Letters	-	-	-	-	2.81	https://doi.org/10.1016/j.patrec.2018.06.026
443	Govindaraj P., MS S.	Hexagonal Grid based triangulated feature descriptor for shape retrieval	Pattern Recognition Letters	116	-	157	163	2.81	https://doi.org/10.1016/j.patrec.2018.10.004
444	Rangamaran V.R., Shanmugam V.K.	Biocalcification by Piezotolerant Bacillus sp. NIOTVJ5 Isolated from Deep Sea Sediment and its Influence on the Strength of Concrete Specimens	Marine biotechnology (New York, N.Y.)	-	-	-	-	2.8	https://doi.org/10.1007/s10126-018-9867-8
445	Sugavaneswaran M., Arumaikkannu G.	Additive manufactured multi-material structure with directional specific mechanical properties based upon classical lamination theory	Rapid Prototyping Journal	24	7	1212	1220	2.8	https://doi.org/10.1108/RPJ-06-2017-0118

446	Ponnusamy T., Alagumuthu M., Thamaraiselvi S.	Drug efficacy of novel 3-O-methoxy-4-halo disubstituted 5,7-dimethoxy chromans; evaluated via DNA gyrase inhibition, bacterial cell wall lesion and antibacterial prospective	Bioorganic and Medicinal Chemistry	26	12	3438	3452	2.8	https://doi.org/10.1016/j.bmc.2018.05.016
447	Ramanathan P., Mangla K.K., Satpathy S.	Smart controller for conical tank system using reinforcement learning algorithm	Measurement: Journal of the International Measurement Confederation	116	-	422	428	2.79	https://doi.org/10.1016/j.measurement.2017.11.007
448	Joseph A., Joshi G.M.	Durometer test and impedance measurement of metal precursor reinforced polymer composites	Measurement: Journal of the International Measurement Confederation	122	-	320	324	2.79	https://doi.org/10.1016/j.measurement.2018.03.030
449	Priyanka S., Sudhakar M.S.	Tetrakis square tiling-based triangulated feature descriptor aiding shape retrieval	Digital Signal Processing: A Review Journal	79	-	125	135	2.79	https://doi.org/10.1016/j.dsp.2018.04.012
450	Kombaiah K., Vijaya J.J., Kennedy L.J., Bououdina M., Ramalingam R.J., Al-Lohedan H.A.	Okra extract-assisted green synthesis of CoFe2O4 nanoparticles and their optical, magnetic, and antimicrobial properties	Materials Chemistry and Physics	204	-	410	419	2.78	https://doi.org/10.1016/j.matchemphys.2017.10.077
451	Muthukumar K., Lakshmi D.S., Acharya S.D., Natarajan S., Mukherjee A., Bajaj H.C.	Solvothermal synthesis of magnetic copper ferrite nano sheet and its antimicrobial studies	Materials Chemistry and Physics	209	-	172	179	2.78	https://doi.org/10.1016/j.matchemphys.2018.02.004
452	Gomathi R., Madeswaran S., Babu D.R.	Bulk growth, electrical, linear, third order nonlinear optical and optical limiting properties on bis(cyclohexylammonium) succinate succinic acid crystal	Materials Chemistry and Physics	207	-	84	90	2.78	https://doi.org/10.1016/j.matchemphys.2017.12.051
453	Muthukumar K., Shanthana lakshmi D., Saxena M., Jaiswar S., Natarajan S., Mukherjee A., Bajaj H.C.	Carbon adhered iron oxide hollow nanotube on membrane fouling	Materials Chemistry and Physics	211	-	468	478	2.78	https://doi.org/10.1016/j.matchemphys.2018.03.014
454	Ramki, C.; Vizhi, R. Ezhil	Insight on the growth and property studies of inorganic hydrated borate (Na-6 [B4O5(OH)(4)](3 center dot)8H(2)O) single crystal - An effective third order nonlinear optical (NLO) material for optical limiting application	Materials Chemistry and Physics	205	-	138	146	2.78	https://doi.org/10.1016/j.matchemphys.2017.11.014
455	Pavithra C., Madhuri W.	Electrical and magnetic properties of NiTiO3 nanoparticles synthesized by the sol-gel synthesis method and microwave sintering	Materials Chemistry and Physics	211	-	144	149	2.78	https://doi.org/10.1016/j.matchemphys.2018.02.019
456	Vedamurthy T., Murugesan M.	Synthesis, characterization, and evaluation of the hydrophobic, dielectric properties of phenols functionalized nylon 6 polymers by zinc acetate catalyst using Mannich reaction	Materials Chemistry and Physics	216	-	517	525	2.78	https://doi.org/10.1016/j.matchemphys.2018.05.070
457	Ramki C., Vizhi R.E.	Insight on the growth and property studies of inorganic hydrated borate (Na6 [B4O5 (OH)4]3. 8H2O) single crystal â€“ An effective third order nonlinear optical (NLO) material for optical limiting application	Materials Chemistry and Physics	205	-	138	146	2.78	https://doi.org/10.1016/j.matchemphys.2017.11.014

458	Prathap S., Madhuri W., Meena S.S.	Effect of non-stoichiometry in lead hexaferrites on magnetic and dielectric properties	Materials Chemistry and Physics	220	-	137	148	2.78	https://doi.org/10.1016/j.matchemphys.2018.08.034
459	Jauhar R.M., Mahendiran D., Viswanathan V., Era P., Vinitha G., Velmurugan D., Murugakoothan P.	Structural, multichannel sensing and optical properties of 2-aminopyridinium diphenylacetate diphenylacetic acid crystal	Materials Chemistry and Physics	219	-	478	492	2.78	https://doi.org/10.1016/j.matchemphys.2018.08.009
460	Gomathi R., Madeswaran S.	Structural, thermal and nonlinear optical studies on novel organic cyclohexylammonium hydrogen adipate crystal	Materials Chemistry and Physics	218	-	189	195	2.78	https://doi.org/10.1016/j.matchemphys.2018.07.051
461	Anasa VV., Manickam M., Talwar P., Ravanan P	Identification of ASB7 as ER stress responsive gene through a genome wide in silico screening for genes with ERSE	PLoS ONE	13	4	1	22	2.78	https://www.ncbi.nlm.nih.gov/pubmed/?term=Identification+of+ASB7+as+ER+stress+responsive+gene+through+a+genome+wide+in+silico+screening+for+genes+with+ERSE
462	Manohar P., Tamhankar A.J., Lundborg C.S., Ramesh N.	Isolation, characterization and in vivo efficacy of Escherichia phage myPSH1131	PLoS ONE	13	10	-	-	2.78	https://doi.org/10.1371/journal.pone.0206278
463	Zheng H.-T., Fu Z.-Y., Chen J.-Y., Sangaiah A.K., Jiang Y., Zhao C.-Z.	Novel knowledge-based system with relation detection and textual evidence for question answering research	PLoS ONE	13	10	-	-	2.78	https://doi.org/10.1371/journal.pone.0205097
464	Ali Asghar Rahmani Hosseinabadi., Javad Vahidi., Behzad Saemi., Arun Kumar Sangaiah., Mohamed Elhoseny	Extended Genetic Algorithm for solving open-shop scheduling problem	Soft Computing	-	-	1	18	2.78	https://link.springer.com/article/10.1007/s00500-018-3177-y
465	Nagarajan R., Thirunavukarasu R.	A fuzzy-based decision-making broker for effective identification and selection of cloud infrastructure services	Soft Computing	-	-	-	-	2.78	https://doi.org/10.1007/s00500-018-3534-x
466	Deepa N., Ganesan K.	Hybrid rough fuzzy soft classifier based multi-class classification model for agriculture crop selection	Soft Computing	-	-	-	-	2.78	https://doi.org/10.1007/s00500-018-3633-8
467	Sudarsan S., Franklin D.S., Sakthivel M., Chitra G., Sridharan T.B., Guhanathan S.	Ecofriendly pH-Tunable Hydrogels for Removal of Perilous Thiazine Dye	Journal of Polymers and the Environment	-	-	1	12	2.77	https://doi.org/10.1007/s10924-018-1258-8
468	Rahim N., Ahmad J., Muhammad K., Sangaiah A.K., Baik S.W.	Privacy-preserving image retrieval for mobile devices with deep features on the cloud	Computer Communications	127	-	75	85	2.77	https://doi.org/10.1016/j.comcom.2018.06.001
469	Kit Wayne Chew., Jing Ying Yap., Siti Sabariah Din., Tau Chuan Ling., Purushothaman Monash., Pau Loke Show	Developments in Fermentative Butanol Production as an Alternative Biofuel Source	Journal of Energy Resources Technology, Transactions of the ASME	140	4	-	-	2.76	http://energyresources.asmedigitalcollection.asme.org/article.aspx?articleid=2677252
470	NamrataChaudhari., Palaniyandi Ravanan	Bardoxolone methyl induces neuritogenesis in Neuro2a cells	Pharmacological Reports	70	4	730	736	2.76	https://www.sciencedirect.com/science/article/pii/S1734114017306023
471	Jayaraj R., Kumarasamy C., Madhav M.R., Pandey V., Sabarimurugan S., Ramesh N., Gothandam K.M., Baxi S.	Comment on "Systematic Review and Meta-Analysis of Diagnostic Accuracy of miRNAs in Patients with Pancreatic Cancer"	Disease Markers	2018	-	7E+06	-	2.76	https://doi.org/10.1155/2018/6904569

472	Gopinathan, A.; Shyamal, S.; Durica, D. S.	Studies on ecdysteroid hormone, its receptor gene (EcR) And its expression related to growth And reproduction in decapod crustaceans	INTEGRATIVE AND COMPARATIVE BIOLOGY	58	-	E79	E79	2.75	-
473	Sriroopreddy R., Sudandiradoss C.	Integrative network-based approach identifies central genetic and transcriptomic elements in triple-negative breast cancer	Functional and Integrative Genomics	18	2	113	124	2.75	https://doi.org/10.1007/s10142-017-0579-3
474	Ahmad H., Aidit S.N., Mohanraj J., Sivabalan S., Thambiratnam K., Ooi S.I., Tiu Z.C.	Mixed Transition Metal Dichalcogenide as Saturable Absorber in Ytterbium, Praseodymium and Erbium Fiber Laser	IEEE Journal of Quantum Electronics	54	3	1	9	2.75	https://doi.org/10.1109/JQE.2018.2822181
475	Li Q., Jian Z., Lu W., Nakkeeran K., Senthilnathan K., Wai P.K.A.	Combination and Compression of Multiple Optical Pulses in Nonlinear Fibers with the Exponentially Decreasing Dispersion	IEEE Journal of Quantum Electronics	54	2	1	10	2.75	https://doi.org/10.1109/JQE.2018.2800045
476	Karthigha S., Krishnamoorthi C.	Synthesis, growth, crystal structure, optical and third order nonlinear optical properties of quinolinium derivative single crystal: PNQI	Journal of Physics and Chemistry of Solids	114	-	133	140	2.75	https://doi.org/10.1016/j.jpcs.2017.10.043
477	Kombaiah K., Vijaya J.J., Kennedy L.J., Bououdina M., Al-Najar B.	Conventional and microwave combustion synthesis of optomagnetic CuFe2O4 nanoparticles for hyperthermia studies	Journal of Physics and Chemistry of Solids	115	-	162	171	2.75	https://doi.org/10.1016/j.jpcs.2017.12.024
478	Priyadharshini A., Kalainathan S.	Synthesis, crystal growth and characterization of third order NLO active single crystal: 2-(4-ethylbenzylidene) malononitrile (EBM)	Journal of Physics and Chemistry of Solids	123	-	59	69	2.75	https://doi.org/10.1016/j.jpcs.2018.07.011
479	S J.P., Evan Prince S.	Diclofenac-induced renal toxicity in female Wistar albino rats is protected by the pre-treatment of aqueous leaves extract of Madhuca longifolia through suppression of inflammation, oxidative stress and cytokine formation	Biomedicine and Pharmacotherapy	98	-	45	51	2.75	https://doi.org/10.1016/j.biopha.2017.12.028
480	Sasidharan R., Baek S.C., Sreedharannair Leelabaiamma M., Kim H., Bijo M.	Imidazole bearing chalcones as a new class of monoamine oxidase inhibitors	Biomedicine and Pharmacotherapy	106	-	8	13	2.75	https://doi.org/10.1016/j.biopha.2018.06.064
481	Saravanakumar D., Mohan B., Muthuramalingam T., Sakthivel G.	Performance evaluation of interconnected pneumatic cylinders positioning system	Sensors and Actuators, A: Physical	274	-	155	164	2.74	https://doi.org/10.1016/j.sna.2018.03.025
482	Khan A., Inamuddin., Jain R.K., Luqman M., Asiri A.M.	Development of sulfonated poly(vinyl alcohol)/aluminium oxide/graphene based ionic polymer-metal composite (IPMC) actuator	Sensors and Actuators, A: Physical	280	-	114	124	2.74	https://doi.org/10.1016/j.sna.2018.07.027
483	Kumar, Sampath T.; Ramanujam, R.; Vignesh, M.; Tamiloli, N.; Sharma, Nishant; Srivastava, Shivam; Patel, Akash	Comparative evaluation of performances of TiAlN, AlCrN, TiAlN/AlCrN coated carbide cutting tools and uncoated carbide cutting tools on turning Inconel 825 alloy using Grey Relational Analysis	Sensors and Actuators, A: Physical	279	-	331	342	2.74	https://doi.org/10.1016/j.sna.2018.06.041
484	Paul G.C., Senthilkumar S., Pria R.	An efficient approach to forecast water levels owing to the interaction of tide and surge associated with a storm along the coast of Bangladesh	Ocean Engineering	148	-	516	529	2.73	https://doi.org/10.1016/j.oceaneng.2017.10.031

485	Tah T., Singh C.K., Amirthapandian S., Madapu K.K., Sagdeo A., Ilango S., Mathews T., Dash S.	In-situ formation of Ge-rich SiGe alloy by electron beam evaporation and the effect of post deposition annealing on the energy band gap	Materials Science in Semiconductor Processing	80	-	31	37	2.72	https://doi.org/10.1016/j.mssp.2018.02.015
486	Sivagami A.D., Biswas K., Sarma A.	Orthorhombic CuSbS2 nanobricks: Synthesis and its photo responsive behaviour	Materials Science in Semiconductor Processing	87	-	69	76	2.72	https://doi.org/10.1016/j.mssp.2018.06.023
487	Naine SJ, Devi CS, Doss CGP, Thirumal DK.	Inhibition of the ATPase domain of human topoisomerase IIa on HepG2 cells by 1, 2-benzenedicarboxylic acid, mono (2-ethylhexyl) ester: molecular docking and dynamics simulations.	Current Cancer Drug Targets	-	-	-	-	2.72	https://www.ncbi.nlm.nih.gov/pubmed/?term=Inhibition+of+the+ATPase+domain+of+human+topoisomerase+IIa+on+HepG2+cells+by+1%2C+2-benzenedicarboxylic+acid%2C+mono+(2-ethylhexyl)+ester%3A+molecular+docking+and+dynamics+simulations.
488	Swathy J.S., Mishra P., Thomas J., Mukherjee A., Chandrasekaran N.	Antimicrobial potency of high-energy emulsified black pepper oil nanoemulsion against aquaculture pathogen	Aquaculture	491	-	210	220	2.71	https://doi.org/10.1016/j.aquaculture.2018.03.045
489	Manimaran M., Rajkumar T., Vimal S., Taju G., Abdul Majeed S., Sahul Hameed A.S., Kannabiran K.	Antiviral activity of 9(10H)-Acridanone extracted from marine Streptomyces fradiae strain VITMK2 in Litopenaeus vannamei infected with white spot syndrome virus	Aquaculture	488	-	66	73	2.71	https://doi.org/10.1016/j.aquaculture.2018.01.032
490	Elshopakey G.E., Risha E.F., Abdalla O.A., Okamura Y., Harada S., Kishida S., Matsuura Y., Sudhakaran R., Itami T.	Efficacy of dietary fermented vegetable product on immune response, up-regulation of immune-related genes and protection of kuruma shrimp (Marsupenaeus japonicus) against Vibrio parahaemolyticus	Aquaculture	497	-	431	439	2.71	https://doi.org/10.1016/j.aquaculture.2018.08.013
491	Fathima A.H., Palanisamy K., Padmanaban S., Subramaniam U.	Intelligence-based battery management and economic analysis of an optimized dual-Vanadium Redox Battery (VRB) for a wind-PV hybrid system	Energies	11	10	-	-	2.71	https://doi.org/10.3390/en11102785
492	Vavilapalli S., Subramaniam U., Padmanaban S., Blaabjerg F.	Design and controller-in-loop simulations of a low cost two-stage PV-simulator	Energies	11	10	-	-	2.71	https://doi.org/10.3390/en11102774
493	Singh P., Dass J.F.P.	Nearly neutral evolution in IFNL3 gene retains the immune function to detect and clear the viral infection in HCV	Progress in Biophysics and Molecular Biology	140	-	107	116	2.7	https://doi.org/10.1016/j.pbiomolbio.2018.05.004
494	Mani Rahulan K., Phebe Kokila I., Angeline Little Flower N., Annie Sujatha R., Vinitha G.	Structural and third order nonlinear optical properties of Gd doped NiWO4 nanostructures	Optical Materials	77	-	148	153	2.69	https://doi.org/10.1016/j.optmat.2018.01.026
495	Muruganandi G., Saravanan M., Vinitha G., Jessie Raj M.B., Sabari Girisun T.C.	Barium borate nanorod decorated reduced graphene oxide for optical power limiting applications	Optical Materials	75	-	612	618	2.69	https://doi.org/10.1016/j.optmat.2017.11.017

496	Priyadharshini A., Kalainathan S.	Bulk crystal growth and their effective third order nonlinear optical properties of 2-(4-fluorobenzylidene) malononitrile (FBM) single crystal	Optical Materials	78	-	35	43	2.69	https://doi.org/10.1016/j.optmat.2018.02.017
497	Malathi A., Arunachalam P., Kirankumar V.S., Madhavan J., Al-Mayouf A.M.	An efficient visible light driven bismuth ferrite incorporated bismuth oxyiodide (BiFeO3/BiOI) composite photocatalytic material for degradation of pollutants	Optical Materials	84	-	227	235	2.69	https://doi.org/10.1016/j.optmat.2018.06.067
498	Rajan R.V., George M., Alex J., Sajan D., Vinitha G.	Growth, effect of protonation and hydrogen bonding interactions of L-Histidine nitrate monohydrate, a potential semi organic third order nonlinear optical material	Optical Materials	86	-	198	212	2.69	https://doi.org/10.1016/j.optmat.2018.10.006
499	Mohandoss M., Nelleri A.	Optical properties of sunlight reduced graphene oxide using spectroscopic ellipsometry	Optical Materials	86	-	126	132	2.69	https://doi.org/10.1016/j.optmat.2018.09.035
500	Sukumar M., John Kennedy L., Judith Vijaya J., Al-Najar B., Bououdina M.	Facile microwave assisted combustion synthesis, structural, optical and magnetic properties of La2âËâ€ ââ,¬â„¢ xSrxCuO4 (0âââ€š¬¯ââ,¬°¤âââ€š¬¯x ââ,¬°¤ 0.5) perovskite nanostructures	Journal of Magnetism and Magnetic Materials	465	-	48	57	2.68	https://doi.org/10.1016/j.jmmm.2018.05.094
501	Balaraju B., Kaleemulla S., Krishnamoorthi C.	Structural and magnetic properties of NiO-MnO2 nanocomposites prepared by mechanical milling	Journal of Magnetism and Magnetic Materials	464	-	36	43	2.68	https://doi.org/10.1016/j.jmmm.2018.05.039
502	Sukumar M., John Kennedy L., Judith Vijaya J., Al-Najar B., Bououdina M.	Facile microwave assisted combustion synthesis, structural, optical and magnetic properties of La2âˆ’ xSrxCuO4 (0â€¯â‰¤â€¯x â‰¤ 0.5) perovskite nanostructures	Journal of Magnetism and Magnetic Materials	465	-	48	57	2.68	https://doi.org/10.1016/j.jmmm.2018.05.094
503	Leema G., Tamizhselvi R	Protective Effect of Scopoletin Against Cerulein-Induced Acute Pancreatitis and Associated Lung Injury in Mice	Pancreas	47	5	577	585	2.68	https://www.ncbi.nlm.nih.gov/pubmed/?term=Protective+Effect+of+Scopoletin+Against+Cerulein-Induced+Acute+Pancreatitis+and+Associated+Lung+Injury+in+Mice
504	Iyyappa Rajan P., Mahalakshmi S., Chandra S.	Oxygen vacancies induced structural distortions, valence fluctuations and enhanced optical properties in BiFe0.83Ni0.17O3	Semiconductor Science and Technology	33	11	-	-	2.65	https://doi.org/10.1088/1361-6641/aadb31
505	Rani A., Babu S.	Environmental proteomic studies: closer step to understand bacterial biofilms	World Journal of Microbiology and Biotechnology	34	8	-	-	2.65	https://doi.org/10.1007/s11274-018-2504-x
506	Mitra S., Das A., Sen S., Mahanty B.	Potential of metabolic engineering in bacterial nanosilver synthesis	World Journal of Microbiology and Biotechnology	34	9	-	-	2.65	https://doi.org/10.1007/s11274-018-2522-8
507	Anupama R., Sajitha Lulu S., Mukherjee A., Babu S.	Cross-regulatory network in Pseudomonas aeruginosa biofilm genes and TiO2 anatase induced molecular perturbations in key proteins unraveled by a systems biology approach	Gene	647	-	289	296	2.64	https://doi.org/10.1016/j.gene.2018.01.042

508	Miryala S.K., Anbarasu A., Ramaiah S.	Discerning molecular interactions: A comprehensive review on biomolecular interaction databases and network analysis tools	Gene	642	642	84	94	2.64	https://doi.org/10.1016/j.gene.2017.11.028
509	Patil V., Mahalingam K.	A four-protein expression prognostic signature predicts clinical outcome of lower-grade glioma	Gene	679	-	57	64	2.64	https://doi.org/10.1016/j.gene.2018.08.001
510	Sivakumar K., Jeyapaul R., Vimal K.E.K., Ravi P.	A DEMATEL approach for evaluating barriers for sustainable end-of-life practices	Journal of Manufacturing Technology Management	29	6	1065	1091	2.64	https://doi.org/10.1108/JMTM-08-2017-0164
511	Vimal K.E.K., Rajak S., Kandasamy J.	Analysis of network design for a circular production system using multi-objective mixed integer linear programming model	Journal of Manufacturing Technology Management	-	-	-	-	2.64	https://doi.org/10.1108/JMTM-02-2018-0058
512	Thirumoorthy K., Karton A., Thimmakondu V.S.	From High-Energy C7H2 Isomers with A Planar Tetracoordinate Carbon Atom to An Experimentally Known Carbene	Journal of Physical Chemistry A	122	46	9054	9064	2.64	https://doi.org/10.1021/acs.jpca.8b08809
513	Rajan P.I., Mahalakshmi S., Chandra S.	The structural, electronic, magnetic and optical properties of the new promising spintronic material Bi0.92Tb0.08FeO3: A first-principles approach	Computational Materials Science	145	-	244	251	2.64	https://doi.org/10.1016/j.commatsci.2017.12.062
514	Tirumani S., Gothandam K.M., J Rao B.	Coordination between photorespiration and carbon concentrating mechanism in Chlamydomonas reinhardtii: transcript and protein changes during light-dark diurnal cycles and mixotrophy conditions	Protoplasma	256	1	117	130	2.63	https://doi.org/10.1007/s00709-018-1283-4
515	Revathi S., Padmanabhan R.	Design and development of piezoelectric composite-based micropump	Journal of Microelectromechanical Systems	27	6	1105	1117	2.62	https://doi.org/10.1109/JMEMS.2018.2870949
516	Thenepalle, Jayanth Kumar; Singamsetty, Purusotham	Bi-criteria travelling salesman subtour problem with time threshold	European Physical Journal Plus	133	3	-	-	2.61	-
517	Deb A., Vimala R.	Camptothecin loaded graphene oxide nanoparticle functionalized with polyethylene glycol and folic acid for anticancer drug delivery	Journal of Drug Delivery Science and Technology	43	-	333	342	2.61	https://doi.org/10.1016/j.jddst.2017.10.025
518	Tiwari N., Sivakumar A., Mukherjee A., Chandrasekaran N.	Enhanced antifungal activity of Ketoconazole using rose oil based novel microemulsion formulation	Journal of Drug Delivery Science and Technology	47	-	434	444	2.61	https://doi.org/10.1016/j.jddst.2018.07.007
519	Pavithra C., Madhuri W.	Electrical and maagnetic properties of lead nickel titanate synthesized by sol-gel method and microwave processing	Journal of Non-Crystalline Solids	500	-	49	60	2.6	https://doi.org/10.1016/j.jnoncrysol.2018.05.026
520	Pavithra C., Madhuri W.	Electrical and magnetic properties of lead nickel titanate synthesized by sol-gel method and microwave processing	Journal of Non-Crystalline Solids	500	-	49	60	2.6	https://doi.org/10.1016/j.jnoncrysol.2018.05.026
521	Venkatraman K.L., Mehta A.	Health Benefits and Pharmacological Effects of Porphyra Species	Plant Foods for Human Nutrition	-	-	-	-	2.6	https://doi.org/10.1007/s11130-018-0707-9
522	Singh, Fateh V.; Kole, Priyanka B.; Mangaonkar, Saeesh R.; Shetgaonkar, Samata E.	Synthesis of spirocyclic scaffolds using hypervalent iodine reagents	BEILSTEIN JOURNAL OF ORGANIC CHEMISTRY	14	-	1778	1805	2.6	-

523	Ahmad J., Muhammad K., Shah S.I.A., Sangaiah A.K., Baik S.W.	Partially shaded sketch-based image search in real mobile device environments via sketch-oriented compact neural codes	Journal of Real-Time Image Processing	-	-	1	14	2.59	https://doi.org/10.1007/s11554-018-0784-x
524	Sodhro A.H., Pirbhulal S., Sangaiah A.K., Lohano S., Sodhro G.H., Luo Z.	5G-based transmission power control mechanism in Fog computing for internet of things devices	Sustainability (Switzerland)	10	4	1258	-	2.59	https://doi.org/10.3390/su10041258
525	Tirkolaee E.B., Hosseinabadi A.A.R., Soltani M., Sangaiah A.K., Wang J.	A Hybrid genetic algorithm for multi-trip green capacitated Arc routing problem in the scope of urban services	Sustainability (Switzerland)	10	5	-	-	2.59	https://doi.org/10.3390/su10051366
526	Li B., He M., Wu W., Sangaiah A.K., Jeon G.	Computation offloading algorithm for arbitrarily divisible applications in mobile edge computing environments: An OCR case	Sustainability (Switzerland)	10	5	-	-	2.59	https://doi.org/10.3390/su10051611
527	Sun J., Chen Y., Dai M., Zhang W., Sangaiah A.K., Sun G., Han H.	Energy efficient deployment of a service function chain for sustainable cloud applications	Sustainability (Switzerland)	10	10	-	-	2.59	https://doi.org/10.3390/su10103499
528	Kalpana V.N., Devi Rajeswari V.	A Review on Green Synthesis, Biomedical Applications, and Toxicity Studies of ZnO NPs	Bioinorganic Chemistry and Applications	2018	-	-	-	2.58	https://doi.org/10.1155/2018/3569758
529	Nageshwari M., Kumari C.R.T., Sangeetha P., Vinitha G., Caroline M.L.	Third order nonlinear optical, spectral, dielectric, laser damage threshold, and photo luminescence characteristics of an efficacious semiorganic acentric crystal: L-Ornithine monohydrochloride	Chinese Journal of Physics	56	2	502	519	2.54	https://doi.org/10.1016/j.cjph.2018.02.003
530	Sangeetha P., Jayaprakash P., Nageshwari M., Mohamed M.P., Vinitha G., Caroline M.L.	Growth and characterization of L-phenylalanine nitric acid (LPN) and tris L-(phenylalanine)-phenylalanininum nitrate (TPLPN) as second and third order nonlinear optical materials	Chinese Journal of Physics	-	-	-	-	2.54	https://doi.org/10.1016/j.cjph.2017.12.026
531	Jeeva S., Muthu S., Tamilselvan S., Caroline M.L., Purushothaman P., Sevvanthi S., Vinitha G., Mani G.	Growth, spectroscopic studies, and third order non-linear optical analysis of an organic dicarboxylic acid based single crystal: Urea Oxalic acid	Chinese Journal of Physics	56	4	1449	1466	2.54	https://doi.org/10.1016/j.cjph.2018.05.021
532	Gowreesan S., Kumar A.R.	Synthesis, structural, dielectric and magnetic properties of spinel structure of Ca2+ substitute in Cobalt ferrites (Co1 âËâ€ ââ.¬â„¢ xCaxFe2O4)	Chinese Journal of Physics	56	3	1262	1272	2.54	https://doi.org/10.1016/j.cjph.2018.02.014
533	Sathiyamoorthi A., Anbalagan S.	Mesoscopic analysis of heatline and massline during double-diffusive MHD natural convection in an inclined cavity	Chinese Journal of Physics	56	5	2155	2172	2.54	https://doi.org/10.1016/j.cjph.2018.09.006
534	Pillai K.C., Kumar A.S., Moon I.-S.	Combined effect of inherent residual chloride and bound water content and surface morphology on the intrinsic electron-transfer activity of ruthenium oxide	Journal of Solid State Electrochemistry	-	-	1	14	2.53	https://doi.org/10.1007/s10008-018-3917-z
535	Pillai K.C., Shalini Devi K.S., Senthil Kumar A., Moon I.-S.	Selective and low potential electrocatalytic oxidation of NADH using a 2,2-diphenyl-1-picrylhydrazyl immobilized graphene oxide-modified glassy carbon electrode	Journal of Solid State Electrochemistry	22	11	3393	3408	2.53	https://doi.org/10.1007/s10008-018-4029-5
536	Balaji K., Yadav P., BalajiSubramanian S., Anu Radha C., Ramasubramanian V.	Hybrid volumetric modulated arc therapy for chest wall irradiation: For a good plan, get the right mixture	Physica Medica	52	-	86	92	2.53	https://doi.org/10.1016/j.ejmp.2018.06.641

537	Parthibavarman M., Karthik M., Prabhakaran S.	Facile and one step synthesis of WO3 nanorods and nanosheets as an efficient photocatalyst and humidity sensing material	Vacuum	155	-	224	232	2.52	https://doi.org/10.1016/j.vacuum.2018.06.021
538	Srinivasan S., Ranganathan V., DeRosa M.C., Murari B.M.	Label-free aptasensors based on fluorescent screening assays for the detection of Salmonella typhimurium	Analytical Biochemistry	559	-	17	23	2.51	https://doi.org/10.1016/j.ab.2018.08.002
539	Iyyappa Rajan P., Judith Vijaya J., Jesudoss S.K., Kaviyarasu K., Lee S.-C., John Kennedy L., Jothiramalingam R., Al-Lohedan H.A., Mahamad Abdullah M	Investigation on preferably oriented abnormal growth of cdse nanorods along (0002) plane synthesized by henna leaf extract-mediated green synthesis	Royal Society Open Science	5	3	-	-	2.5	https://doi.org/10.1098/rsos.171430
540	Vijaya Bharathi M., Maiti S., Sarkar B., Ghosh K., Paira P.	Water-mediated green synthesis of Pbs quantum dot and its glutathione and biotin conjugates for non-invasive live cell imaging	Royal Society Open Science	5	3	-	-	2.5	https://doi.org/10.1098/rsos.171614
541	Feroskhan M., Ismail S., Reddy M.G., Sai Teja A.	Effects of charge preheating on the performance of a biogas-diesel dual fuel CI engine	Engineering Science and Technology, an International Journal	21	3	330	337	2.5	https://doi.org/10.1016/j.jestch.2018.04.001
542	Padmaja R.D., Devi C.V., Mukku N., Chanda K., Maiti B.	Rapid Construction of an Imidazo[4,5- b] pyridine Skeleton from 2-Chloro-3-nitropyridine via Tandem Reaction in H2O-IPA Medium	ACS Omega	3	4	4583	4590	2.5	https://doi.org/10.1021/acsomega.8b00426
543	Gaffar, S. Abdul; Prasad, V. Ramachandra; Kumar, B. Rushi; Beg, O. Anwar	Computational Modelling and Solutions for Mixed Convection Boundary Layer Flows of Nanofluid from a Non-Isothermal Wedge	JOURNAL OF NANOFLUIDS	7	5	1024	1032	2.5	-
544	Ganesh, N. Vishnu; Kameswaran, P. K.; Al-Mdallal, Qasem M.; Hakeem, A. K. Abdul; Ganga, B.	Non-Linear Thermal Radiative Marangoni Boundary Layer Flow of Gamma Al2O3 Nanofluids Past a Stretching Sheet	JOURNAL OF NANOFLUIDS	7	5	944	950	2.5	https://www.intaconnect.com/contentone/asp/jon/2018/00000007/00000005/art00015nge
545	Dutta S., Manideep B.C.S., Basha S.M., Caytiles R.D., Iyengar N.C.S.N.	Classification of diabetic retinopathy images by using deep learning models	International Journal of Grid and Distributed Computing	11	1	89	106	2.5	https://doi.org/10.14257/ijgdc.2018.11.1.09
546	Sarkar B., Maiti S., Jadhav G.R., Paira P.	Discovery of benzothiazolylquinoline conjugates as novel human A3 receptor antagonists: Biological evaluations and molecular docking studies	Royal Society Open Science	5	2	-	-	2.5	https://doi.org/10.1098/rsos.171622
547	Sebastian T.	Indianness, Revolutionary Music and National Identity: Songs of a Nation	International Journal for the Semiotics of Law	31	2	241	259	2.5	https://doi.org/10.1007/s11196-018-9545-1
548	Cheng C.-H., Chen Y.-S., Sangaiah A.K., Chang J.-R., Wang T.-Y.	Lessoning travelersâââ€š¬ââ€ž¢ motivating behavior for a growing phenomenon in Taiwan by an advanced hybrid object-oriented hierarchical model	Journal of Computational Science	25	-	58	75	2.5	https://doi.org/10.1016/j.jocs.2018.01.009
549	Rathore S., Sangaiah A.K., Park J.H.	A novel framework for internet of knowledge protection in social networking services	Journal of Computational Science	26	-	55	65	2.5	https://doi.org/10.1016/j.jocs.2017.12.010
550	Krishna Deepak R.N.V., Abdullah A., Talwar P., Fan H., Ravanan P.	Identification of FDA-approved drugs as novel allosteric inhibitors of human executioner caspases	Proteins: Structure, Function and Bioinformatics	86	11	1202	1210	2.5	https://doi.org/10.1002/prot.25601

551	Archanaa S., Jose S., Mukherjee A., Suraishkumar G.K.	Sustainable Diesel Feedstock: a Comparison of Oleaginous Bacterial and Microalgal Model Systems	Bioenergy Research	-	-	-	-	2.5	https://doi.org/10.1007/s12155-018-9948-6
552	Mamatha H.G., Shanthi V.	Baseline resistance and cross-resistance among fluoroquinolones in multidrug-resistant Mycobacterium tuberculosis isolates at a national reference laboratory in India	Journal of Global Antimicrobial Resistance	12	-	5	10	2.47	https://doi.org/10.1016/j.jgar.2017.08.014
553	Manohar P., Babu S., Bozdogan B., Ramesh N.	Identification of blaDIM-1 metallo-Î²-lactamase gene in Pseudomonas aeruginosa isolated from Tamil Nadu, India	Journal of Global Antimicrobial Resistance	13	-	1	11	2.47	https://doi.org/10.1016/j.jgar.2018.02.018
554	Unissa A.N., Doss C G.P., Kumar T., Sukumar S., Lakshmi A.R., Hanna L.E.	Significance of catalase-peroxidase (KatG) mutations in mediating isoniazid resistance in clinical strains of Mycobacterium tuberculosis	Journal of Global Antimicrobial Resistance	15	-	111	120	2.47	https://doi.org/10.1016/j.jgar.2018.07.001
555	G. Koteswara Reddy., Kiran Yarrakula., C. S. K. Raju., Alireza Rahbari	Mixed convection analysis of variable heat source/sink on MHD Maxwell, Jeffrey, and Oldroyd-B nanofluids over a cone with convective conditions using Buongiorno's model	Journal of Thermal Analysis and Calorimetry	132	3	1995	2002	2.47	https://link.springer.com/article/10.1007/s10973-018-7115-0
556	Kumaresan G., Vijayakumar P., Ravikumar M., Kamatchi R., Selvakumar P.	Experimental study on effect of wick structures on thermal performance enhancement of cylindrical heat pipes	Journal of Thermal Analysis and Calorimetry	-	-	-	-	2.47	https://doi.org/10.1007/s10973-018-7842-2
557	Polit O., Merzouki T., Ganapathi M.	Elastic stability of curved nanobeam based on higher-order shear deformation theory and nonlocal analysis by finite element approach	Finite Elements in Analysis and Design	146	-	1	15	2.46	https://doi.org/10.1016/j.finel.2018.04.002
558	Sajitha T.P., Manjunatha B.L., Siva R., Gogna N., Dorai K., Ravikanth G., Uma Shaanker R.	Mechanism of Resistance to Camptothecin, a Cytotoxic Plant Secondary Metabolite, by Lymantria sp. Larvae	Journal of Chemical Ecology	44	6	611	620	2.45	https://doi.org/10.1007/s10886-018-0960-2
559	Srinivasan, Kathiravan; Sharma, Vishal; Jayakody, Dushantha Nalin K.; Vincent, Durai Raj	D-ConvNet: Deep learning model for enhancement of brain MR images	BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY	124	-	3	4	2.45	
560	Tiwari R., Kumar K., Neelakandan R.B., Padmanaban S., Wheeler P.W.	Neural network based maximum power point tracking control with quadratic boost converter for PMSGâââ€š¬âà,¬Âwind energy conversion system	Electronics (Switzerland)	7	2	-	-	2.43	https://doi.org/10.3390/electronics7020020
561	DAS A., OSBORNE J.W.	Enhanced Lead Uptake by an Association of Plant and Earthworm Bioaugmented with Bacteria	Pedosphere	28	2	311	322	2.43	https://doi.org/10.1016/S1002-0160(18)60021-9
562	Das D., Sivaramakrishna A., Brahmmananda Rao C.V.S., Sivaraman N., Vijayakrishna K.	Phosphoramidate-functionalized Merrifield resin: synthesis and application in actinide separation	Polymer International	67	4	374	379	2.43	https://doi.org/10.1002/pi.5513
563	MartÃ-n-Clemente R., Olias J., Thiyam D.B., Cichocki A., Cruces S.	Information theoretic approaches for motor-imagery BCI systems: Review and experimental comparison	Entropy	20	1	-	-	2.42	https://doi.org/10.3390/e20010007
564	Firdaus A., Anuar N.B., Razak M.F.A., Hashem I.A.T., Bachok S., Sangaiah A.K.	Root Exploit Detection and Features Optimization: Mobile Device and Blockchain Based Medical Data Management	Journal of Medical Systems	42	6	-	-	2.42	https://doi.org/10.1007/s10916-018-0966-x

565	Anand L., Syed Ibrahim S.P.	HANN: A Hybrid Model for Liver Syndrome Classification by Feature Assortment Optimization	Journal of Medical Systems	42	11	-	-	2.42	https://doi.org/10.1007/s10916-018-1073-8
566	Sundarasekar R., Thanjaivadivel M., Manogaran G., Kumar P.M., Varatharajan R., Chilamkurti N., Hsu C.-H.	Internet of Things with Maximal Overlap Discrete Wavelet Transform for Remote Health Monitoring of Abnormal ECG Signals	Journal of Medical Systems	42	11	-	-	2.42	https://doi.org/10.1007/s10916-018-1093-4
567	Vijayarangam S., Megalai J., Krishnan S., Nagarajan S., Devi M.R., Lokesh S.	Vehicular Cloud for Smart Driving Using Internet of Things	Journal of Medical Systems	42	12	-	-	2.42	https://doi.org/10.1007/s10916-018-1105-4
568	Maurya V.K., Gothandam K.M., Ranjan V., Shakya A., Pareek S.	Effect of drying methods (microwave vacuum, freeze, hot air and sun drying) on physical, chemical and nutritional attributes of five pepper (Capsicum annuum var. annuum) cultivars	Journal of the Science of Food and Agriculture	98	9	-	-	2.42	https://doi.org/10.1002/jsfa.8868
569	Mangaonkar, Saeesh R.; Kole, Priyanka B.; Singh, Fateh V.	Oxidation of Organosulfides to Organosulfones with Trifluoromethyl 3-Oxo-1 lambda(3),2-benziodoxole-1(3H)-carboxylate as an Oxidant	Synlett	29	2	199	202	2.42	https://doi.org/10.1055/s-0036-1588575
570	Agrahari A.K., Sneha P., George Priya Doss C., Siva R., Zayed H.	A profound computational study to prioritize the disease-causing mutations in PRPS1 gene	Metabolic Brain Disease	33	2	589	600	2.41	https://doi.org/10.1007/s11011-017-0121-2
571	Sneha P., Zenith T.U., Abu Habib U.S., Evangeline J., Thirumal Kumar D., George Priya Doss C., Siva R., Zayed H.	Impact of missense mutations in survival motor neuron protein (SMN1) leading to Spinal Muscular Atrophy (SMA): A computational approach	Metabolic Brain Disease	33	6	1823	1834	2.41	https://doi.org/10.1007/s11011-018-0285-4
572	Thirumal Kumar D., Jerushah Emerald L., George Priya Doss C., Sneha P., Siva R., Charles Emmanuel Jebaraj W., Zayed H.	Computational approach to unravel the impact of missense mutations of proteins (D2HGDH and IDH2) causing D-2-hydroxyglutaric aciduria 2	Metabolic Brain Disease	33	5	1699	1710	2.41	https://doi.org/10.1007/s11011-018-0278-3
573	Thirumal Kumar D., Eldous H.G., Mahgoub Z.A., George Priya Doss C., Zayed H.	Computational modelling approaches as a potential platform to understand the molecular genetics association between Parkinsonâââ€š¬ââ€¢ž¢s and Gaucher diseases	Metabolic Brain Disease	-	-	1	13	2.41	https://doi.org/10.1007/s11011-018-0286-3
574	Agrahari A.K., Muskan M., George Priya Doss C., Siva R., Zayed H.	Computational insights of K1444N substitution in GAP-related domain of NF1 gene associated with neurofibromatosis type 1 disease: a molecular modeling and dynamics approach	Metabolic Brain Disease	33	5	1443	1457	2.41	https://doi.org/10.1007/s11011-018-0251-1
575	Thangaraj Anand., Ashok S. K. Kumar., Suban K. Sahoo	A novel Schiff base derivative of pyridoxal for the optical sensing of Zn(2+) and cysteine	Photochemical and Photobiological Sciences	17	4	414	422	2.41	http://pubs.rsc.org/en/Content/ArticleLanding/2018/PP/C7PP00391A#!divAbstract
576	Jonnalagadda A., Kuppusamy L.	Overlapping community detection in social networks using coalitional games	Knowledge and Information Systems	-	-	1	25	2.4	https://doi.org/10.1007/s10115-017-1150-1
577	Velusamy R.K., Tamizhselvi R.	Protective effect of methylsulfonylmethane in caerulein-induced acute pancreatitis and associated lung injury in mice	Journal of Pharmacy and Pharmacology	70	9	1188	1199	2.39	https://doi.org/10.1111/jphp.12946
578	Abdel-Basset M., El-Shahat D., El-henawy I., Sangaiah A.K., Ahmed S.H.	A Novel Whale Optimization Algorithm for Cryptanalysis in Merkle-Hellman Cryptosystem	Mobile Networks and Applications	-	-	1	11	2.39	https://doi.org/10.1007/s11036-018-1005-3

579	Marahatta A., Wang Y., Zhang F., Sangaiah A.K., Tyagi S.K.S., Liu Z.	Energy-Aware Fault-Tolerant Dynamic Task Scheduling Scheme for Virtualized Cloud Data Centers	Mobile Networks and Applications	-	-	1	15	2.39	https://doi.org/10.1007/s11036-018-1062-7
580	Logesh R., Subramaniyaswamy V., Vijayakumar V., Li X.	Efficient User Profiling Based Intelligent Travel Recommender System for Individual and Group of Users	Mobile Networks and Applications	-	-	1	16	2.39	https://doi.org/10.1007/s11036-018-1059-2
581	Vijayakumar V., Priyan M.K., Ushadevi G., Varatharajan R., Manogaran G., Tarare P.V.	E-Health Cloud Security Using Timing Enabled Proxy Re-Encryption	Mobile Networks and Applications	-	-	1	12	2.39	https://doi.org/10.1007/s11036-018-1060-9
582	Karuppiah M., Das A.K., Li X., Kumari S., Wu F., Chaudhry S.A., Niranchana R.	Secure Remote User Mutual Authentication Scheme with Key Agreement for Cloud Environment	Mobile Networks and Applications	-	-	1	17	2.39	https://doi.org/10.1007/s11036-018-1061-8
583	Tiwari D.L., Sivasankaran K.	Impact of substrate on performance of band gap engineered graphene field effect transistor	Superlattices and Microstructures	113	-	244	254	2.39	https://doi.org/10.1016/j.spmi.2017.11.004
584	Divya Bharathi N., Sivasankaran K.	Influence of metal contact on the performance enhancement of monolayer MoS2 transistor	Superlattices and Microstructures	120	-	479	486	2.39	https://doi.org/10.1016/j.spmi.2018.06.016
585	Ravi R., Rajesh M., Thirumalini S.	Mechanical and physical properties of natural additive dispersed lime	Journal of Building Engineering	15	-	70	77	2.38	https://doi.org/10.1016/j.jobe.2017.10.009
586	Ravi R., Thirumalini S., Taher N.	Analysis of ancient lime plasters âââ€š¬ââ‚¬Å“ Reason behind longevity of the Monument Charminar, India a study	Journal of Building Engineering	20	-	30	41	2.38	https://doi.org/10.1016/j.jobe.2018.04.010
587	Tenepalli J.S., Neeraja D.	Properties of class F fly ash based geopolymer mortar produced with alkaline water	Journal of Building Engineering	19	-	42	48	2.38	https://doi.org/10.1016/j.jobe.2018.04.031
588	Nandimalla Vishnu., Mansi Gandhi., Sushmee Badhulika., Annamalai Senthil Kumar	Tea quality testing using 6B pencil lead as an electrochemical sensor	Analytical Methods	-	-	-	-	2.38	http://pubs.rsc.org/en/content/articlehtml/2018/ay/c8ay00557e
589	Nellaiappan S., Pillai K.C., Kumar A.S.	Flow-injection analysis coupled with electrochemical detection of poisonous inorganic arsenic(III) species using a gold nanoparticle/carbon nanofiber/chitosan chemically modified carbon screen printed electrode in neutral pH solution	Analytical Methods	10	7	799	808	2.38	https://doi.org/10.1039/c7ay02655b
590	Alagumuthu M., Muralidharan V.P., Andrew M., Ahmed M.H., Iyer S.K., Arumugam S.	Computational Approaches to Develop Isoquinoline Based Antibiotics through DNA Gyrase Inhibition Mechanisms Unveiled through Antibacterial Evaluation and Molecular Docking	Molecular Informatics	37	12	-	-	2.38	https://doi.org/10.1002/minf.201800048
591	Poddar A., Aranha R.R., K Muthukaliannan G., Nachimuthu R., Jayaraj R.	Head and neck cancer risk factors in India: Protocol for systematic review and meta-analysis	BMJ Open	8	8	-	-	2.38	https://doi.org/10.1136/bmjopen-2017-020014
592	Kancherla V.K., Mandla V.R., Arrowsmith C.	Study of thermal IR phenomena associated with 27 February 2010 Chile Mw 8.8 earthquake using MODIS data	Geocarto International	-	-	1	17	2.37	https://doi.org/10.1080/10106049.2016.1250824
593	Elamathi P., Chandrasekar G.	Pore Size Architecture of Hexagonal Mesoporous Carbon Nitride (HMCN) for Metal-Free Synthesis of p-Hydroxycinnamic Acid	Catalysis Letters	-	-	1	10	2.37	https://doi.org/10.1007/s10562-018-2373-9

594	Khiratkar A.G., Balinge K.R., Krishnamurthy M., Cheralathan K.K., Patle D.S., Singh V., Arora S., Bhagat P.R.	Sulphonic Acid-Functionalized Benzimidazolium Based Poly Ionic Liquid Catalyzed Esterification of Levulinic Acid	Catalysis Letters	148	2	680	690	2.37	https://doi.org/10.1007/s10562-017-2284-1
595	Nanthagopal K., Raj R.T.K., Ashok B., Elango T., Saravanan S.V.	Influence of Exhaust Gas Recirculation on Combustion and Emission Characteristics of Diesel Engine Fuelled with 100% Waste Cooking Oil Methyl Ester	Waste and Biomass Valorization	-	-	1	14	2.36	https://doi.org/10.1007/s12649-018-0194-0
596	Durairajan S., Jebaraj Walter C.E., Samuel M.D., Palani D., Dicky John Davis G., George Priya Doss C., Pasupati S., Johnson T.	Differential expression of NF-ÎºB heterodimer RelA/p50 in human urothelial carcinoma	PeerJ	2018	9	-	-	2.35	https://doi.org/10.7717/peerj.5563
597	Narasaiah B.P., Mandal B.K., Chakravarthula S.N.	Mitigation of textile industries generated pollution by agro-waste cotton peels mediated synthesized silver nanoparticles	BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY	8	5	3602	3610	2.34	https://www.researchgate.net/publication/328694058_Mitigation_of_textile_industries_generated_pollution_by_agro-waste_cotton_peels_mediated_synthesized_silver_nanoparticles
598	Titus G., Sudhakar M.S.	Context adaptive residual coding for efficient compression of MCEEG employing wave atom transforms	Multidimensional Systems and Signal Processing	-	-	1	15	2.34	https://doi.org/10.1007/s11045-018-0582-4
599	Srinivas S., Kumar C.K., Reddy A.S.	Pulsating flow of Casson fluid in a porous channel with thermal radiation, chemical reaction and applied magnetic field	Nonlinear Analysis: Modelling and Control	23	2	213	233	2.34	https://doi.org/10.15388/NA.2018.2.5
600	Senthilkumar V., Chandrasekaran S.S., Maji V.B.	Rainfall-induced landslides: Case study of the Marappalam landslide, Nilgiris district, Tamil Nadu, India	International Journal of Geomechanics	18	9	-	-	2.33	https://doi.org/10.1061/(ASCE)GM.1943-5622.0001218
601	Nisha J., Shanthi V.	Characterization of Ofloxacin Interaction with Mutated (A91V) Quinolone Resistance Determining Region of DNA Gyrase in Mycobacterium Leprae through Computational Simulation	Cell Biochemistry and Biophysics	76	1(2)	125	134	2.32	https://doi.org/10.1007/s12013-017-0822-5
602	Singh P., J FPD	A Biomolecular Network Driven Proteinic Interaction in HCV Clearance.	Cell Biochemistry and Biophysics	76	1 AND 2	161	172	2.32	https://www.ncbi.nlm.nih.gov/pubmed/?term=A+Biomolecular+Network+Driven+Proteinic+Interaction+in+HCV+Clearance.
603	Rohini K., Shanthi V.	Hyphenated 3D-QSAR statistical model-drug repurposing analysis for the identification of potent neuraminidase inhibitor	Cell Biochemistry and Biophysics	76	3	357	376	2.32	https://doi.org/10.1007/s12013-018-0844-7
604	Premanand A., Reena Rajkumari B.	Androgen modulation of Wnt/Î²-catenin signaling in androgenetic alopecia	Archives of Dermatological Research	310	5	391	399	2.31	https://doi.org/10.1007/s00403-018-1826-8

605	Shetty R., Rajiv Kumar N., Pahuja N., Deshmukh R., Vunnava K., Abilash VG., Sinha Roy A., Ghosh A	Outcomes of Corneal Cross-Linking Correlate With Cone-Specific Lysyl Oxidase Expression in Patients With Keratoconus	Cornea	37	3	369	374	2.31	https://www.ncbi.nlm.nih.gov/pubmed/?term=Outcomes+of+Corneal+Cross-Linking+Correlate+With+Cone-Specific+Lysyl+Oxidase+Expression+in+Patients+With+Keratoconus
606	Rajasekaran S., Thatte J., Periasamy J., Javali A., Jayaram M., Sen D., Krishnagopal A., Jayandharan G.R., Sambasivan R.	Infectivity of adeno-associated virus serotypes in mouse testis	BMC Biotechnology	18	1	70	-	2.3	https://doi.org/10.1186/s12896-018-0479-1
607	Vinisha Rani K., Sarma B., Sarma A.	Plasma treatment on cotton fabrics to enhance the adhesion of Reduced Graphene Oxide for electro-conductive properties	Diamond and Related Materials	84	-	77	85	2.29	https://doi.org/10.1016/j.diamond.2018.03.009
608	Das D., Sivaramakrishna A., Gopakumar G., Brahmmananda Rao C.V.S., Sivaraman N., Vijayakrishna K.	Diphenylmorpholine CMPO: Synthesis, coordination behavior and extraction studies of actinides	Polyhedron	141	-	215	222	2.28	https://doi.org/10.1016/j.poly.2017.11.036
609	Ashok A., Kennedy L.J., Vijaya J.J., Aruldoss U.	Optimization of biodiesel production from waste cooking oil by magnesium oxide nanocatalyst synthesized using coprecipitation method	Clean Technologies and Environmental Policy	20	6	1219	1231	2.28	https://doi.org/10.1007/s10098-018-1547-x
610	Karthik S., Rao R.M., Awoyera P., Akinwumi I., Karthikeyan T., Revathi A., Mathivanan J.B., Manikandan V., Saravanan S.	Beneficiated pozzolans as cement replacement in bamboo-reinforced concrete: the intrinsic characteristics	INNOVATIVE INFRASTRUCTURE SOLUTIONS	3	1	-	-	2.27	https://doi.org/10.1007/s41062-018-0157-0
611	Manickam G., Bharath A., Das A.N., Chandra A., Barua P.	Thermoelastic Stability Behavior of Curvilinear Fiber-Reinforced Composite Laminates With Different Boundary Conditions	Polymer Composites	-	-	-	-	2.27	https://doi.org/10.1002/pc.25116
612	Raja Annamalai A., Nagaraju N., Agrawal D.K., Muthuchamy A.	Effect of heating mode on sinterability of YSZ+CeO2 ceramics	Metals	8	3	189	-	2.26	https://doi.org/10.3390/met8030189
613	James S.J., Annamalai A.R.	Machinability study of developed composite AA6061-ZrO2 and analysis of influence of MQL	Metals	8	7	-	-	2.26	https://doi.org/10.3390/met8070472
614	George A., Venkatesan S., Ashok N., Saraswathy R., Hande M.P.	Assessment of genomic instability and proliferation index in cultured lymphocytes of patients with Down syndrome, congenital anomalies and aplastic anaemia	Mutation Research - Genetic Toxicology and Environmental Mutagenesis	-	-	1	6	2.26	https://doi.org/10.1016/j.mrgentox.2018.06.015
615	Jayaraj R., Kumarasamy C., Gothandam K.M.	Letter to the editor ââ,¬Å“Prognostic value of microRNAs in colorectal cancer: A meta-analysisââ,¬Â	Cancer Management and Research	10	-	3501	3502	2.24	https://doi.org/10.2147/CMAR.S177875
616	Vijayakrishnan V., Balakrishnan S.	Correspondence between quantization schemes for two-player nonzero-sum games and CNOT complexity	Quantum Information Processing	17	5	-	-	2.22	https://doi.org/10.1007/s11128-018-1870-5
617	Manohar A., Krishnamoorthi C.	Structural, Raman, magnetic and other properties of co-substituted ZnFe2O4 nanocrystals synthesized by solvothermal reflux method	Journal of Materials Science: Materials in Electronics	-	-	1	9	2.2	https://doi.org/10.1007/s10854-017-7967-2

618	Ramachandran K., Vijayakumar P., Raja A., Mohankumar V., Vinitha G., Senthil Pandian M., Ramasamy P.	Investigations on 4-methyl benzophenone (4MB) single crystal grown by Czochralski method and its characterization	Journal of Materials Science: Materials in Electronics	-	-	1	13	2.2	https://doi.org/10.1007/s10854-018-8871-0
619	Perumal R.N., Subalakshmi G., Varadarajan E., Sadhasivam S., Vinitha G.	Optical properties of Eu3+ activated SrLa2O4 red-emitting phosphors for WLED applications	Journal of Materials Science: Materials in Electronics	29	4	2638	2644	2.2	https://doi.org/10.1007/s10854-017-8189-3
620	Kirankumar V.S., Sumathi S.	Photocatalytic and antibacterial activity of bismuth and copper co-doped cobalt ferrite nanoparticles	Journal of Materials Science: Materials in Electronics	-	-	1	9	2.2	https://doi.org/10.1007/s10854-018-8890-x
621	Anand A.S.V., Mahesh K., Priyanka V., Karpagam S.	Aggregation induced enhanced emission of diphenylamine and pyridine based conjugated organic materials	Journal of Materials Science: Materials in Electronics	29	13	10949	10961	2.2	https://doi.org/10.1007/s10854-018-9173-2
622	Priyadharshini A., Kalainathan S.	Bulk crystal growth, spectral, optical, thermal, electrical and third-order NLO properties of benzylidene malononitrile derivative single crystal: a promising material for nonlinear optical device applications	Journal of Materials Science: Materials in Electronics	29	4	2698	2708	2.2	https://doi.org/10.1007/s10854-017-8196-4
623	Durairaj N., Kalainathan S.	Growth and characterization of stilbene doped bibenzyl scintillator crystal by solution growth technique	Journal of Materials Science: Materials in Electronics	-	-	1	7	2.2	https://doi.org/10.1007/s10854-018-9112-2
624	Chitrarasan, Pavithra; Wuppulluri, Madhuri	Chemical composition of Li(4-2x)NixTi2O6 by sol-gel method and microwave processing	Journal of Materials Science: Materials in Electronics	29	3	2259	2266	2.2	https://doi.org/10.1007/s10854-017-8141-6
625	Joshi, Himani; Gowreesan, Subramani; Kumar, A. Ruban	Influences of Ni2+ on magnetic property and dielectric property in spinel structure of Mg ferrite (Mg1-xNixFe2O4)	Journal of Materials Science: Materials in Electronics	29	4	3449	33457	2.2	https://doi.org/10.1007/s10854-017-8279-2
626	Joshi J.H., Dixit K.P., Parikh K.D., Jethva H.O., Kanchan D.K., Kalainathan S., Joshi M.J.	Effect of Sr2+ on growth and properties of ammonium dihydrogen phosphate single crystal	Journal of Materials Science: Materials in Electronics	29	7	5837	5852	2.2	https://doi.org/10.1007/s10854-018-8556-8
627	Parthibavarman M., Sathishkumar S., Prabhakaran S.	Enhanced visible light photocatalytic activity of tin oxide nanoparticles synthesized by different microwave optimum conditions	Journal of Materials Science: Materials in Electronics	29	3	2341	2350	2.2	https://doi.org/10.1007/s10854-017-8152-3
628	Joseph A., Joshi G.M.	High performance of fluoro polymer modified by hexa-titanium boride nanocomposites	Journal of Materials Science: Materials in Electronics	29	6	4749	4769	2.2	https://doi.org/10.1007/s10854-017-8431-z
629	Velumani M., Meher S.R., Alex Z.C.	Impedometric humidity sensing characteristics of SnO2 thin films and SnO2âââ€š¬ââ‚¬Å“ZnO composite thin films grown by magnetron sputtering	Journal of Materials Science: Materials in Electronics	29	5	3999	4010	2.2	https://doi.org/10.1007/s10854-017-8342-z
630	Thangamani G.J., Deshmukh K., Chidambaram K., Ahamed M.B., Sadasivuni K.K., Ponnamma D., Faisal M., Nambiraj N.A., Pasha S.K.K.	Influence of CuO nanoparticles and graphene nanoplatelets on the sensing behaviour of poly(vinyl alcohol) nanocomposites for the detection of ethanol and propanol vapors	Journal of Materials Science: Materials in Electronics	29	6	5186	5205	2.2	https://doi.org/10.1007/s10854-017-8484-z

631	Bharath D., Kalainathan S., Anbuselvi D.	Studies on linear and nonlinear optical properties of 4-N,N-dimethylamino-4âââ€š¬²-Nâââ€š¬²-methyl-stilbazolium 2,4,6-trimethylbenzenesulfonate crystal	Journal of Materials Science: Materials in Electronics	29	15	12813	12823	2.2	https://doi.org/10.1007/s10854-018-9400-x
632	Rajeswari A., Vinitha G., Murugakoothan P.	Investigation on optical, thermal, mechanical, dielectric and ferroelectric properties of non linear optical single crystal guanidinium manganese sulphate	Journal of Materials Science: Materials in Electronics	29	15	12526	12535	2.2	https://doi.org/10.1007/s10854-018-9352-1
633	Jayaprakash P., Rekha P., Sudha S., Vinitha G., Lydia Caroline M.	Growth and characterization of a nonlinear optical material: l-alanine dl-mandelic acid hemihydrate	Journal of Materials Science: Materials in Electronics	-	-	1	11	2.2	https://doi.org/10.1007/s10854-018-9653-4
634	Sathiyan G., Siva G., Prakash J., Swart H.C., Sakthivel P.	Design and chemical engineering of carbazole-based donor small molecules for organic solar cell applications	Journal of Materials Science: Materials in Electronics	-	-	1	10	2.2	https://doi.org/10.1007/s10854-018-9621-z
635	Gowrishankar M., Babu D.R.	Co-substitution induced structural transition with enhanced magnetic and electrical properties of multiferroic BiFeO3 nanoparticles	Journal of Materials Science: Materials in Electronics	29	19	16215	16225	2.2	https://doi.org/10.1007/s10854-018-9711-y
636	Chitrarasan P., Wuppulluri M.	Chemical composition of Li(4â^'2x)NixTi2O6 by solâ€“gel method and microwave processing	Journal of Materials Science: Materials in Electronics	29	3	2259	2266	2.2	https://doi.org/10.1007/s10854-017-8141-6
637	Shalini S., Kirupavathy S.S., Jerusha E., Vinitha G.	4-Dimethylamino pyridinium p-chlorophenolate a novel third order nonlinear optical single crystal: growth and characterization	Journal of Materials Science: Materials in Electronics	29	24	21145	21156	2.2	https://doi.org/10.1007/s10854-018-0263-y
638	Sivagami A.D., Sarma A.	One-pot solvothermal synthesis of rGO-CAS nanobrick composites with enhanced photoelectric properties	Journal of Materials Science: Materials in Electronics	29	23	20122	20132	2.2	https://doi.org/10.1007/s10854-018-0144-4
639	Bharath D., Kalainathan S., Anbuselvi D.	Studies on thermal nonlinear optical effects on cyclododecanone crystals for IR optical switching application	Journal of Materials Science: Materials in Electronics	29	24	20615	20622	2.2	https://doi.org/10.1007/s10854-018-0199-2
640	Pandey M., Balachandran M., Joshi G.M., Ghosh N.N., Vendan A.S.	Superior charge discharge ability of reduced graphene oxide/Li-ion embedded polymer composite films	Journal of Materials Science: Materials in Electronics	-	-	-	-	2.2	https://doi.org/10.1007/s10854-018-0485-z
641	Gowri S., Uma Devi T., Alen S., Sajan D., Surendra Dilip C., Vinitha G.	Synthesis, crystal structure, optical and third order nonlinear optical properties of phosphoric acid pyridine-1-ium-2-carboxylate	Journal of Materials Science: Materials in Electronics	29	23	19710	19723	2.2	https://doi.org/10.1007/s10854-018-0096-8
642	Kalainathan S., Ahsan N., Hoshii T., Okada Y., Logu T., Sethuraman K.	Tailoring sub-bandgap of CuGaS2 thin film via chromium doping by facile chemical spray pyrolysis technique	Journal of Materials Science: Materials in Electronics	29	22	19359	19367	2.2	https://doi.org/10.1007/s10854-018-0065-2
643	Jerusha E., Shahil Kirupavathy S., Vinolia M., Vinitha G.	Changeover in the third order NLO behaviour of p-nitrophenol doped ammonium hydrogen oxalate hemihydrate crystals	Journal of Materials Science: Materials in Electronics	29	22	19532	19543	2.2	https://doi.org/10.1007/s10854-018-0084-z
644	Joseph J., Deshmukh K., Chidambaram K., Faisal M., Selvarajan E., Sadasivuni K.K., Ahamed M.B., Pasha S.K.K.	Dielectric and electromagnetic interference shielding properties of germanium dioxide nanoparticle reinforced poly(vinyl chloride) and poly(methylmethacrylate) blend nanocomposites	Journal of Materials Science: Materials in Electronics	29	23	20172	20188	2.2	https://doi.org/10.1007/s10854-018-0150-6

645	Mossa A.-T.H., Mohafrash S.M.M., Chandrasekaran N.	Safety of Natural Insecticides: Toxic Effects on Experimental Animals	BioMed Research International	2018	-	4E+06	-	2.2	https://doi.org/10.1155/2018/4308054
646	Gupta G., de Jesus Andreoli Pinto T., Chellappan DK., Mishra A., Malipeddi H., Dua K	A clinical update on metformin and lung cancer in diabetic patients.	Panminerva medica	-	-	-	-	2.19	https://www.ncbi.nlm.nih.gov/pubmed/?term=A+clinical+update+on+metformin+and+lung+cancer+in+diabetic+patients.
647	Chen S., Chen R., Wang G.-G., Gao J., Sangaiah A.K.	An adaptive large neighborhood search heuristic for dynamic vehicle routing problems	Computers and Electrical Engineering	-	-	-	-	2.19	https://doi.org/10.1016/j.compeleceng.2018.02.049
648	Karuppiah M., Li X., Das A.K., Kumari S., Liu Q.	Introduction to the special section on Big data and IoT in e-healthcare	Computers and Electrical Engineering	65	-	261	264	2.19	https://doi.org/10.1016/j.compeleceng.2018.01.007
649	Jiang W., Yang X., Wu W., Liu K., Ahmad A., Sangaiah A.K., Jeon G.	Medical images fusion by using weighted least squares filter and sparse representation	Computers and Electrical Engineering	67	-	252	266	2.19	https://doi.org/10.1016/j.compeleceng.2018.03.037
650	Indragandhi V., Logesh R., Subramaniyaswamy V., Vijayakumar V., Siarry P., Uden L.	Multi-objective optimization and energy management in renewable based AC/DC microgrid	Computers and Electrical Engineering	-	-	-	-	2.19	https://doi.org/10.1016/j.compeleceng.2018.01.023
651	Sahu B., Kumar Sa P., Bakshi S., Sangaiah A.K.	Reducing dense local feature key-points for faster iris recognition	Computers and Electrical Engineering	-	-	-	-	2.19	https://doi.org/10.1016/j.compeleceng.2017.12.048
652	Tirkolaee E.B., Alinaghian M., Hosseinabadi A.A.R., Sasi M.B., Sangaiah A.K.	An improved ant colony optimization for the multi-trip Capacitated Arc Routing Problem	Computers and Electrical Engineering	-	-	-	-	2.19	https://doi.org/10.1016/j.compeleceng.2018.01.040
653	Fan Wu., Xiong Li., Lili Xu., Saru Kumari., Arun Kumar Sangaiah	A novel mutual authentication scheme with formal proof for smart healthcare systems under global mobility networks notion	Computers and Electrical Engineering	70	-	209	216	2.19	https://www.sciencedirect.com/science/article/pii/S0045790617327015
654	R. Logambigai., Sannasi Ganapathy., A. Kannan	Energyâ€“efficient gridâ€“based routing algorithm using intelligent fuzzy rules for wireless sensor networks	Computers and Electrical Engineering	68	-	62	75	2.19	https://www.sciencedirect.com/science/article/pii/S0045790617319146
655	Sun J., Sun S., Li K., Liao D., Sangaiah A.K., Chang V.	Efficient algorithm for traffic engineering in Cloud-of-Things and edge computing	Computers and Electrical Engineering	69	-	610	627	2.19	https://doi.org/10.1016/j.compeleceng.2018.02.016
656	Thilagavathi K., Sivanantham S.	Two-stage low power test data compression for digital VLSI circuits	Computers and Electrical Engineering	71	-	309	320	2.19	https://doi.org/10.1016/j.compeleceng.2018.07.009
657	Ashokkumar P., Arunkumar N., Don S.	Intelligent optimal route recommendation among heterogeneous objects with keywords	Computers and Electrical Engineering	68	-	526	535	2.19	https://doi.org/10.1016/j.compeleceng.2018.05.004
658	Karuppiah, Marimuthu; Li, Xiong; Das, Ashok Kumar; Kumari, Saru; Liu, Qin	Introduction to the special section on Big data and IoT in e-healthcare	COMPUTERS & ELECTRICAL ENGINEERING	70	-	1092	1095	2.19	https://doi.org/10.1016/j.compeleceng.2018.07.035
659	Pirbhulal S., Shang P., Wu W., Sangaiah A.K., Samuel O.W., Li G.	Fuzzy vault-based biometric security method for tele-health monitoring systems	Computers and Electrical Engineering	71	-	546	557	2.19	https://doi.org/10.1016/j.compeleceng.2018.08.004
660	Jasmine S.G., Pattabiraman V.	Improved pure pixel identification algorithms to determine the endmembers in hyperspectral images	Computers and Electrical Engineering	71	-	515	532	2.19	https://doi.org/10.1016/j.compeleceng.2018.07.023
661	Begum M E.T., Sen D.	DOR agonist (SNC-80) exhibits anti-parkinsonian effect via downregulating UPR/oxidative stress signals and inflammatory response in vivo	Neuroscience Letters	678	-	29	36	2.17	https://doi.org/10.1016/j.neulet.2018.04.055
662	Anu C. Haridasan., Angeline Gautami Fernando	Online or in-store: unravelling consumer's channel choice motives	JOURNAL OF RESEARCH IN INTERACTIVE MARKETING	12	2	215	230	2.16	https://www.emeraldinsight.com/doi/abs/10.1108/JRIM-07-2017-0060

663	Ramadoss R., Elango N.M., Abimannan S., Hsu C.-H.	Non-intrusive transaction aware filtering during enterprise application modernization	Journal of Supercomputing	74	3	1157	1181	2.16	https://doi.org/10.1007/s11227-017-2123-6
664	Kumar P., Kumari S., Sharma V., Li X., Sangaiah A.K., Islam S.K.H.	Secure CLS and CL-AS schemes designed for VANETs	Journal of Supercomputing	-	-	1	23	2.16	https://doi.org/10.1007/s11227-018-2312-y
665	Sanapala K., R S., Yeo S.-S.	Schmitt trigger-based single-ended 7T SRAM cell for Internet of Things (IoT) applications	Journal of Supercomputing	74	9	4613	4622	2.16	https://doi.org/10.1007/s11227-018-2433-3
666	Arthisree D.L., Sumathi R.R., Joshi G.	Effect of graphene quantum dots on photoluminescence property of polyvinyl butyral nanocomposite	Polymers for Advanced Technologies	-	-	-	-	2.16	https://doi.org/10.1002/pat.4516
667	Elakkiya V., Agarwal Y., Sumathi S.	Photocatalytic activity of divalent ion (copper, zinc and magnesium) doped NiAl2O4	Solid State Sciences	82	-	92	98	2.16	https://doi.org/10.1016/j.solidstatesciences.2018.06.008
668	Mathew R., Ravi Sankar A.	Optimization of a nano-cantilever biosensor for reduced self-heating effects and improved performance metrics	Journal of Micromechanics and Microengineering	28	8	-	-	2.14	https://doi.org/10.1088/1361-6439/aabeaf
669	Saranya S., Ravi Sankar A.	Fabrication of precise micro-holes on quartz substrates with improved aspect ratio using a constant velocity-feed drilling technique of an ECDM process	Journal of Micromechanics and Microengineering	28	12	-	-	2.14	https://doi.org/10.1088/1361-6439/aae8f5
670	Nivya James., K. Ramanathan	Ligand-Based Pharmacophore Screening Strategy: a Pragmatic Approach for Targeting HER Proteins	Applied Biochemistry and Biotechnology	-	-	1	24	2.14	https://link.springer.com/article/10.1007/s12010-018-2724-4
671	James N., Shanthi V., Ramanathan K.	Drug Design for ALK-Positive NSCLC: an Integrated Pharmacophore-Based 3D QSAR and Virtual Screening Strategy	Applied Biochemistry and Biotechnology	185	1	289	315	2.14	https://doi.org/10.1007/s12010-017-2650-x
672	Rohini K., Agarwal P., Preethi B., Shanthi V., Ramanathan K.	Exploring the Lead Compounds for Zika Virus NS2B-NS3 Protein: an e-Pharmacophore-Based Approach	Applied Biochemistry and Biotechnology	187	1	194	210	2.14	https://doi.org/10.1007/s12010-018-2814-3
673	Vijayalakshmi K., Selvaraj C.I.	Evaluation of Antidiabetic Potential of Sarcostemma brevistigma Wight & Arn. Using Alloxan-Induced Diabetic Murine Model	Applied Biochemistry and Biotechnology	-	-	1	14	2.14	https://doi.org/10.1007/s12010-018-2798-z
674	Yuvashree M., Gokulakannan R., Ganesh R.N., Viswanathan P.	Enhanced Therapeutic Potency of Nanoemulsified Garlic Oil Blend Towards Renal Abnormalities in Pre-diabetic Rats	Applied Biochemistry and Biotechnology	-	-	-	-	2.14	https://doi.org/10.1007/s12010-018-2919-8
675	Mani P., Muthusamy K., Jafari S., Smarandache F., Ramalingam U.	Decision-making via neutrosophic support soft topological spaces	Symmetry	10	6	-	-	2.14	https://doi.org/10.3390/sym10060217
676	Kandasamy W.B.V., Kandasamy I., Smarandache F.	A classical group of neutrosophic triplet groups using (Z2p, Ãâ‚¬)	Symmetry	10	6	194	-	2.14	https://doi.org/10.3390/sym10060194
677	Zhang C., Li D., Broumi S., Sangaiah A.K.	Medical diagnosis based on single-valued neutrosophic probabilistic rough multisets over two universes	Symmetry	10	6	-	-	2.14	https://doi.org/10.3390/sym10060213
678	Zheng H.-T., Chen J.-Y., Yao X., Sangaiah A.K., Jiang Y., Zhao C.-Z.	Clickbait convolutional neural network	Symmetry	10	5	-	-	2.14	https://doi.org/10.3390/sym10050138
679	Zheng J., Li D., Sangaiah A.K.	Group user profile modeling based on neural word embeddings in social networks	Symmetry	10	10	-	-	2.14	https://doi.org/10.3390/sym10100435
680	Kilicman A., Silambarasan R.	Modified Kudryashov method to solve generalized Kuramoto-Sivashinsky equation	Symmetry	10	10	-	-	2.14	https://doi.org/10.3390/sym10100527

681	Vasantha Kandasamy W.B., Kandasamy I., Smarandache F.	Neutrosophic duplets of [Zp n,Ãâ€”] and [Zpq,Ãâ€”] and their properties	Symmetry	10	8	-	-	2.14	https://doi.org/10.3390/sym10080345
682	Ali M., Khan H., Son L.H., Smarandache F., Kandasamy W.B.V.	New soft set based class of linear algebraic codes	Symmetry	10	10	-	-	2.14	https://doi.org/10.3390/sym10100510
683	Sun J., Huang G., Sun G., Yu H., Sangaiah A.K., Chang V.	A Q-learning-based approach for deploying dynamic service function chains	Symmetry	10	11	-	-	2.14	https://doi.org/10.3390/sym10110646
684	Mohandas N.V., Jeganathan L.	Classification of two dimensional cellular automata rules for symmetric pattern generation	Symmetry	10	12	-	-	2.14	https://doi.org/10.3390/sym10120772
685	Mathivanan D., Kirankumar V.S., Sumathi S., Suseem S.R.	Facile Biosynthesis of Calcium Hydroxide Nanoparticles Using Andrographis echioides Leaf Extract and Its Photocatalytic Activity Under Different Light Source	Journal of Cluster Science	29	1	167	175	2.13	https://doi.org/10.1007/s10876-017-1318-6
686	Moghal E.T.B., Venkatesh K., Sen D.	The delta opioid peptide D-Alanine 2, Leucine 5 Enkephaline (DADLE)-induces neuroprotection through cross-talk between the UPR and pro-survival MAPK-NGF-Bcl2 signaling pathways via modulation of several micro-RNAs in SH-SY5Y cells subjected to ER stress	Cell Biology International	42	5	543	569	2.13	https://doi.org/10.1002/cbin.10923
687	Mahesh K., Priyanka V., Vijai Anand A.S., Karpagam S.	Photophysical and electrochemical investigation of highly conjugated pyridine based diphenylamine materials	Journal of Molecular Structure	1154	-	445	454	2.12	https://doi.org/10.1016/j.molstruc.2017.10.058
688	Joy L.K., George M., Alex J., Aravind A., Sajan D., Vinitha G.	Twisted intramolecular charge transfer investigation of semi organic L-Glutamic acid hydrochloride single crystal for organic light-emitting and optical limiting applications	Journal of Molecular Structure	1156	-	733	744	2.12	https://doi.org/10.1016/j.molstruc.2017.11.126
689	Ramani A., Grammaticos B., Satsuma J., Tamizhmani T.	On the canonical forms of QRT mappings and discrete PainlevÃ©equations	Journal of Physics A: Mathematical and Theoretical	51	39	-	-	2.11	https://doi.org/10.1088/1751-8121/aad8c3
690	Vijayalakshmi K., Selvaraj C.I.	Cell line cytotoxicity, antiadipogenic and glucose uptake activity of Sarcostemma brevistigma Wight. & Arn.	Molecular Biology Reports	45	6	2555	2561	2.11	https://doi.org/10.1007/s11033-018-4423-1
691	Unni P.A., Ali A.M.M.T., Rout M., Thabitha A., Vino S., Lulu S.S.	Designing of an epitope-based peptide vaccine against walking pneumonia: an immunoinformatics approach	Molecular Biology Reports	-	-	-	-	2.11	https://doi.org/10.1007/s11033-018-4505-0
692	Sakthivel S.M., Ravi Sankar A.	An ASIC based invisible watermarking of grayscale images using pixel value search algorithm (PVSA)	Multimedia Tools and Applications	-	-	1	27	2.1	https://doi.org/10.1007/s11042-018-5889-5
693	Agilandeeswari L., Ganesan K.	RST invariant robust video watermarking algorithm using quaternion curvelet transform	Multimedia Tools and Applications	-	-	1	44	2.1	https://doi.org/10.1007/s11042-018-5800-4
694	Manickam A., Devarasan E., Manogaran G., Priyan M.K., Varatharajan R., Hsu C.-H., Krishnamoorthi R.	Score level based latent fingerprint enhancement and matching using SIFT feature	Multimedia Tools and Applications	-	-	1	21	2.1	https://doi.org/10.1007/s11042-018-5633-1

695	Varatharajan R., Preethi A.P., Manogaran G., Kumar P.M., Sundarasekar R.	Stealthy attack detection in multi-channel multi-radio wireless networks	Multimedia Tools and Applications	-	-	1	24	2.1	https://doi.org/10.1007/s11042-018-5866-z
696	Gayathri J.., S. Subashin	A spatiotemporal chaotic image encryption scheme based on self adaptive model and dynamic keystream fetching technique	Multimedia Tools and Applications	-	-	1	37	2.1	https://link.springer.com/article/10.1007/s11042-018-5675-4
697	Sodhro A.H., Sangaiah A.K., Pirphulal S., Sekhari A., Ouzrout Y.	Green media-aware medical IoT system	Multimedia Tools and Applications	-	-	1	20	2.1	https://doi.org/10.1007/s11042-018-5634-0
698	Manogaran G., Varatharajan R., Priyan M.K.	Hybrid Recommendation System for Heart Disease Diagnosis based on Multiple Kernel Learning with Adaptive Neuro-Fuzzy Inference System	Multimedia Tools and Applications	77	4	4379	4399	2.1	https://doi.org/10.1007/s11042-017-5515-y
699	Shivani, Shivendra; Tiwari, Shailendra; Mishra, Krishn K.; Zheng, Zhigao; Sangaiah, Arun K.	Providing security and privacy to huge and vulnerable songs repository using visual cryptography	Multimedia Tools and Applications	77	9	11101	11120	2.1	-
700	Mehmood I., Sajjad M., Muhammad K., Shah S.I.A., Sangaiah A.K., Shoaib M., Baik S.W.	An efficient computerized decision support system for the analysis and 3D visualization of brain tumor	Multimedia Tools and Applications	-	-	1	26	2.1	https://doi.org/10.1007/s11042-018-6027-0
701	Singh P., Singh A.K., Singh P., Kumari S., Sangaiah A.K.	Multimodal data modeling for efficiency assessment of social priority based urban bus route transportation system using GIS and data envelopment analysis	Multimedia Tools and Applications	-	-	1	19	2.1	https://doi.org/10.1007/s11042-018-6147-6
702	Shaik A., Thanikaiselvan V.	High capacity reversible data hiding using 2D parabolic interpolation	Multimedia Tools and Applications	-	-	-	-	2.1	https://doi.org/10.1007/s11042-018-6544-x
703	Balinge K.R., Khiratkar A.G., Bhagat P.R.	A highly recoverable polymer-supported ionic salen-palladium complex as a catalyst for the Suzuki-Miyaura cross coupling in neat water	Journal of Organometallic Chemistry	854	-	131	139	2.07	https://doi.org/10.1016/j.jorganchem.2017.11.022
704	Aher S., Das A., Muskawar P., Osborne J., Bhagat P.	In vitro antimicrobial evaluation, effects of halide concentration and hemolysis study of silver-N-heterocyclic carbene complexes	Research on Chemical Intermediates	44	3	2099	2110	2.06	https://doi.org/10.1007/s11164-017-3216-9
705	Balinge K.R., Khiratkar A.G., Muskawar P.N., Thenmozhi K., Bhagat P.R.	Facile access to polymer supported zincââ€š¬âã,¬Å“salen complex: highly efficient heterogeneous catalyst for synthesizing hydantoins, thiohydantoins and Schiff bases in aqueous medium	Research on Chemical Intermediates	44	3	2075	2097	2.06	https://doi.org/10.1007/s11164-017-3215-x
706	Balinge K.R., Datir S.K., Khajone V.B., Bhansali K.J., Khiratkar A.G., Bhagat P.R.	Iron(III)ãâ,¬â€œsalen complex on a polymer scaffold as heterogeneous catalyst for synthesis of benzimidazoles	Research on Chemical Intermediates	-	-	-	-	2.06	https://doi.org/10.1007/s11164-018-3595-6
707	Manogaran G., Chilamkurti N., Hsu C.-H.	Special issue on machine learning algorithms for internet of things, fog computing and cloud computing	Computing	100	8	757	758	2.06	https://doi.org/10.1007/s00607-018-0644-3
708	Wang X.A., Liu Y., Sangaiah A.K., Zhang J.	Improved publicly verifiable group sum evaluation over outsourced data streams in IoT setting	Computing	-	-	1	18	2.06	https://doi.org/10.1007/s00607-018-0641-6

709	Suresh P.K.	Breast cancer heterogeneity: A focus on epigenetics and in vitro 3D model systems	Cell Journal	20	3	302	311	2.05	https://doi.org/10.22074/cellj.2018.5442
710	Kumar, Suresh M.; Choukiker, Yogesh Kumar	Tunable wideband frequency and switching polarisation reconfiguration antenna for wireless applications	IET MICROWAVES ANTENNAS & PROPAGATION	12	15	2364	2371	2.04	https://doi.org/10.1049/iet-map.2018.5400
711	Ranjan P., Athar M., Jha P.C., Krishna K.V.	Probing the opportunities for designing anthelmintic leads by sub-structural topology-based QSAR modelling	Molecular Diversity	-	-	1	15	2.03	https://doi.org/10.1007/s11030-018-9825-4
712	Anandraj J., Joshi G.M.	Fabrication, performance and applications of integrated nanodielectric properties of materials âââ€š¬ââ,¬Å“ a review	Composite Interfaces	-	-	1	35	2.03	https://doi.org/10.1080/09276440.2017.1361717
713	Monica C., Pitchaimani M.	Geometric Stability Switch Criteria in HIV-1 Infection Delay Model	Journal of Nonlinear Science	-	-	1	19	2.02	https://doi.org/10.1007/s00332-018-9481-y
714	Poddar, Shashi; Narkhede, Parag; Kumar, Vipan; Kumar, Amod	PSO Aided Adaptive Complementary Filter for Attitude Estimation (vol 87, pg 531, 2012)	JOURNAL OF INTELLIGENT & ROBOTIC SYSTEMS	91	43924	797	797	2.02	https://doi.org/10.1007/s10846-017-0747-7
715	Mathiyalagan S., Mandal B.K., Sinha M., Ling Y.-C.	Synthesis of different metallochlorophyllins and quantification in food samples by reversed phaseââ,¬â€œhigh performance liquid chromatography	Natural Product Research	-	-	-	-	2	https://doi.org/10.1080/14786419.2018.1521403
716	Pavithra C., Madhuri W.	Dielectric, piezo and ferroelectric properties of microwave sintered PbTiO3 synthesized by solâââ€š¬ââ,¬Å“gel method	Journal of Sol-Gel Science and Technology	85	2	437	445	1.99	https://doi.org/10.1007/s10971-017-4565-y
717	Murari B.M., Singh S., Manoharan M.	Transdermal delivery of polidocanol from solââ,¬â€œgel patch: ex vivo skin permeation studies using iontophoresis for the treatment of varicose veins	Journal of Sol-Gel Science and Technology	87	3	639	646	1.99	https://doi.org/10.1007/s10971-018-4761-4
718	Wu Z., Zhu L., Yang F., Nyamsi S.N., Porpatham E., Zhang Z.	Toward the design of interstitial nonmetals co-doping for Mg-based hydrides as hydrogen storage material	Journal of Materials Research	33	23	4080	4091	1.98	https://doi.org/10.1557/jmr.2018.353
719	Jayaraj R., Kumarasamy C., Madurantakam Royam M., Devi A., Baxi S.	Letter to the editor: Is HIF-1Î± a viable prognostic indicator in OSCC? A critical review of a meta-analysis study	World Journal of Surgical Oncology	16	1	-	-	1.97	https://doi.org/10.1186/s12957-018-1408-4
720	Mohanraj J., Velmurugan V., Sathiyan S., Sivabalan S.	All fiber-optic ultra-sensitive temperature sensor using few-layer MoS2 coated D-shaped fiber	Optics Communications	406	-	139	144	1.96	https://doi.org/10.1016/j.optcom.2017.06.011
721	Balaji K.A., Prabu K.	Performance evaluation of FSO system using wavelength and time diversity over malaga turbulence channel with pointing errors	Optics Communications	410	-	643	651	1.96	https://doi.org/10.1016/j.optcom.2017.11.006
722	PrabuK., SanchalThakkar	Analysis of FSO link with time diversity over M-distribution channel model with pointing errors and GVD effects	Optics Communications	421	-	115	124	1.96	https://www.sciencedirect.com/science/article/pii/S0030401818302566
723	Aarthi G., Ramachandra Reddy G.	Average spectral efficiency analysis of FSO links over turbulence channel with adaptive transmissions and aperture averaging	Optics Communications	410	-	896	902	1.96	https://doi.org/10.1016/j.optcom.2017.11.063

724	Balaji K.A., Prabu K.	BER analysis of relay assisted PSK with OFDM ROFSO system over Malaga distribution including pointing errors under various weather conditions	Optics Communications	426	-	187	193	1.96	https://doi.org/10.1016/j.optcom.2018.05.027
725	Rohit B., Muktinutalapati N.R.	Austenite reversion in 18% Ni maraging steel and its weldments	Materials Science and Technology (United Kingdom)	34	3	253	260	1.94	https://doi.org/10.1080/02670836.2017.1407544
726	Vilvanathan S., Shanthakumar S.	Ni2+ and Co2+ adsorption using Tectona grandis biochar: kinetics, equilibrium and desorption studies	Environmental Technology	39	4	464	478	1.92	https://doi.org/10.1080/09593330.2017.1304454
727	Clement J.C.	Jettison the Defectives: A Robust Cooperative Spectrum Sensing Scheme in a Cognitive Radio Network	Circuits, Systems, and Signal Processing	37	6	2471	2491	1.92	https://doi.org/10.1007/s00034-017-0672-9
728	Shaik A., Thanikaiselvan V.	A New Image-Based Hybrid Reversible Data Hiding Model Using IHWT and RP-PEHM for Secured Data Communication	Circuits, Systems, and Signal Processing	37	11	4907	4928	1.92	https://doi.org/10.1007/s00034-018-0790-z
729	M. Mallikarjunan., P. Karmali Radha., K. P. Bharath., Rajesh Kumar Muthu	Text-Independent Speaker Recognition in Clean and Noisy Backgrounds Using Modified VQ-LBG Algorithm	Circuits, Systems, and Signal Processing	-	-	1	19	1.92	https://link.springer.com/article/10.1007/s00034-018-0992-4
730	Sankarganesh M., Dhaveethu Raja J., Adwin Jose P.R., Vinoth Kumar G.G., Rajesh J., Rajasekaran R.	Spectroscopic, Computational, Antimicrobial, DNA Interaction, In Vitro Anticancer and Molecular Docking Properties of Biochemically Active Cu(II) and Zn(II) Complexes of Pyrimidine-Ligand	Journal of Fluorescence	28	4	975	985	1.91	https://doi.org/10.1007/s10895-018-2261-0
731	Sangeetha N., Bhavani Kumar Y., Sivabalan S.	Design of fused optical fiber bundle for ground based lidar receiver to profile the lower atmosphere	Optik	157	-	1016	1026	1.91	https://doi.org/10.1016/j.ijleo.2017.11.136
732	Bayyappagari B., Shaik K., Nasina M.R., Inturu O., Dugasani S.R.	Effect of Fe substitution on optical and magnetic properties of CeO2 nanoparticles	Optik	154	-	821	827	1.91	https://doi.org/10.1016/j.ijleo.2017.10.025
733	Kamatchi R., Kumaresan G.	Investigations on pool boiling critical heat flux, transient characteristics and bonding strength of heater wire with aqua based reduced graphene oxide nanofluids	Chinese Journal of Chemical Engineering	26	3	445	454	1.91	https://doi.org/10.1016/j.cjche.2017.12.006
734	Sathiyan G., Siva G., Sivakumar E.K.T., Prakash J., Swart H.C., Sakthivel P.	Synthesis and studies of carbazole-based donor polymer for organic solar cell applications	Colloid and Polymer Science	296	7	1193	1203	1.91	https://doi.org/10.1007/s00396-018-4337-4
735	Manjubala I., Basu P., Narendrakumar U.	In situ synthesis of hydroxyapatite/carboxymethyl cellulose composites for bone regeneration applications	Colloid and Polymer Science	296	10	1729	1737	1.91	https://doi.org/10.1007/s00396-018-4393-9
736	Murali, G.; Indhumathi, T.; Karthikeyan, K.; Ramkumar, V. R.	Analysis of flexural fatigue failure of concrete made with 100% coarse recycled and natural aggregates	Computers and Concrete	21	3	291	298	1.89	-
737	Dutta S., Samui P., Kim D.	Comparison of machine learning techniques to predict compressive strength of concrete	Computers and Concrete	21	4	463	470	1.89	https://doi.org/10.12989/cac.2018.21.4.463

738	Panigrahi B.L., Mandal M., Nelakanti G.	Legendre multi-Galerkin methods for Fredholm integral equations with weakly singular kernel and the corresponding eigenvalue problem	Journal of Computational and Applied Mathematics	346	-	224	236	1.88	https://doi.org/10.1016/j.cam.2018.07.010
739	Agrahari A.K., Kumar A., Siva R., Zayed H., George Priya Doss C.	Substitution impact of highly conserved arginine residue at position 75 in GJB1 gene in association with X-linked Charcotâââ€š¬ââ,¬Å“Marie-tooth disease: A computational study	Journal of Theoretical Biology	437	-	305	317	1.88	https://doi.org/10.1016/j.jtbi.2017.10.028
740	Muthukumaran P., Rajiniraja M.	MIA-QSAR based model for bioactivity prediction of flavonoid derivatives as acetylcholinesterase inhibitors	Journal of Theoretical Biology	459	-	103	110	1.88	https://doi.org/10.1016/j.jtbi.2018.09.030
741	Ranganathan P., Rao K.A., Sudan J.J., Balasundaram S.	Cadmium effects on sperm morphology and semenogelin with relates to increased ROS in infertile smokers: An in vitro and in silico approach	Reproductive Biology	18	2	189	197	1.88	https://doi.org/10.1016/j.repbio.2018.04.003
742	Madhav M.R., Nayagam S.G., Biyani K., Pandey V., Kamal D.G., Sabarimurugan S., Ramesh N., Gothandam K.M., Jayaraj R.	Epidemiologic analysis of breast cancer incidence, prevalence, and mortality in India Protocol for a systematic review and meta-analyses	Medicine (United States)	97	52	-	-	1.87	https://doi.org/10.1097/MD.0000000000013680
743	Thamilmaran P., Arunachalam M., Sankarrajan S., Sakthipandi K., Sivabharathy M., Jebaseelan Samuel E.J.	Structural transition in Gd doped LaCrO3 isovalent by in-situ ultrasonic measurements	Physica B: Condensed Matter	530	-	270	276	1.87	https://doi.org/10.1016/j.physb.2017.11.073
744	Thiruvenkadam S., Sakthi P., Prabhakaran S., Chakravarty S., Ganesan V., Rajesh A.L.	Deposition and characterization of spray pyrolysed p-type Cu2SnS3 thin film for potential absorber layer of solar cell	Physica B: Condensed Matter	538	-	8	12	1.87	https://doi.org/10.1016/j.physb.2018.03.007
745	Thiruvenkadam S., Prabhakaran S., Chakravarty S., Ganesan V., Sathe V., Santhosh Kumar M.C., Leo Rajesh A.	Effect of Zn/Sn molar ratio on the microstructural and optical properties of Cu2Zn1-xSnxS4 thin films prepared by spray pyrolysis technique	Physica B: Condensed Matter	533	-	22	27	1.87	https://doi.org/10.1016/j.physb.2017.12.065
746	Nageshwari M., Rathika Thaya Kumari C., Vinitha G., Muthu S., Lydia Caroline M.	Growth and characterization of L-Serine: A promising acentric organic crystal	Physica B: Condensed Matter	541	-	32	42	1.87	https://doi.org/10.1016/j.physb.2018.04.020
747	Manickam G., Bharath A., Das A.N., Chandra A., Barua P.	Thermal buckling behaviour of variable stiffness laminated composite plates	Materials Today Communications	16	-	142	151	1.86	https://doi.org/10.1016/j.mtcomm.2018.05.003
748	H.G P.K., S P., M A.X., S K., Lin D., Shukla P., Vasudevan V.K.	Enhanced surface and mechanical properties of bioinspired nanolaminate graphene-aluminum alloy nanocomposites through laser shock processing for engineering applications	Materials Today Communications	16	-	81	89	1.86	https://doi.org/10.1016/j.mtcomm.2018.04.010
749	Pal P., Edathil A.A., Chaurasia L., Rambabu K., Banat F.	Removal of sulfide from aqueous solutions using novel alginateâââ€š¬ââ,¬Å“iron oxide magnetic hydrogel composites	Polymer Bulletin	-	-	1	21	1.86	https://doi.org/10.1007/s00289-018-2338-6
750	Narayanan V., Sumathi S.	Preparation, characterization and in vitro biological study of silk fiber/methylcellulose composite for bone tissue engineering applications	Polymer Bulletin	-	-	-	-	1.86	https://doi.org/10.1007/s00289-018-2518-4

751	Dhevi D.M., Prabu A.A., Kim K.J.	Infrared spectroscopic studies on crystalline phase transition of PVDF and PVDF/hyperbranched polyester blend ultrathin films	Vibrational Spectroscopy	94	-	74	82	1.86	https://doi.org/10.1016/j.vibspec.2017.12.003
752	Maheswari M., Geetha S., Selva kumar S.	Adaptable and proficient Hellinger Coefficient Based Collaborative Filtering for recommendation system	Cluster Computing	-	-	1	14	1.85	https://doi.org/10.1007/s10586-017-1616-7
753	Chandra I., Sivakumar N., Gokulnath C.B., Parthasarathy P.	IoT based fall detection and ambient assisted system for the elderly	Cluster Computing	-	-	1	9	1.85	https://doi.org/10.1007/s10586-018-2329-2
754	Abdel-Basset M., Abdle-Fatah L., Sangaiah A.K.	An improved LÃ©vy based whale optimization algorithm for bandwidth-efficient virtual machine placement in cloud computing environment	Cluster Computing	-	-	1	16	1.85	https://doi.org/10.1007/s10586-018-1769-z
755	Gokulnath C.B., Shantharajah S.P.	An optimized feature selection based on genetic approach and support vector machine for heart disease	Cluster Computing	-	-	1	11	1.85	https://doi.org/10.1007/s10586-018-2416-4
756	Sangaiah A.K., Fakhry A.E., Abdel-Basset M., El-henawy I.	Arabic text clustering using improved clustering algorithms with dimensionality reduction	Cluster Computing	-	-	1	15	1.85	https://doi.org/10.1007/s10586-018-2084-4
757	L. Ramanathan., G. Parthasarathy., K. Vijayakumar., L. Lakshmanan., S. Ramani	Cluster-based distributed architecture for prediction of student's performance in higher education	Cluster Computing	-	-	1	16	1.85	https://link.springer.com/article/10.1007/s10586-017-1624-7
758	Renuka Devi Rajagopal., Saravanan Murugan., Kottilingam Kottursamy., V. Raju	Cluster based effective prediction approach for improving the curable rate of lymphatic filariasis affected patients	Cluster Computing	-	-	1	9	1.85	https://link.springer.com/article/10.1007/s10586-018-2282-0
759	P. Arunkumar., S. P. Shantharajah., M. Geetha	Improved canny detection algorithm for processing and segmenting text from the images	Cluster Computing	-	-	1	7	1.85	https://link.springer.com/article/10.1007/s10586-018-2056-8
760	V. Sarada., T. Vigneswaran., J. Selvakumar	Low-power and high-throughput 128-point feedforward FFT processor	Cluster Computing	-	-	1	8	1.85	https://link.springer.com/article/10.1007/s10586-018-1918-4
761	S. Umadevi., T. Vigneswaran	Reliability improved, high performance FIR filter design using new computation sharing multiplier: suitable for signal processing applications	Cluster Computing	-	-	1	13	1.85	https://link.springer.com/article/10.1007/s10586-018-2067-5
762	Devagnanam J., Elango N.M.	Design and development of exponential lion algorithm for optimal allocation of cluster resources in cloud	Cluster Computing	-	-	1	16	1.85	https://doi.org/10.1007/s10586-018-1976-7
763	Padmavathy T.V., Venkatesh P., Bhargava D., Sivakumar N.	Design of I-shaped dual C-slotted rectangular microstrip patch antenna (I-DCSRMPA) for breast cancer tumor detection	Cluster Computing	-	-	1	9	1.85	https://doi.org/10.1007/s10586-018-2161-8
764	Murugan N.S., Devi G.U.	Feature extraction using LR-PCA hybridization on twitter data and classification accuracy using machine learning algorithms	Cluster Computing	-	-	1	10	1.85	https://doi.org/10.1007/s10586-018-2158-3
765	Reddy M.P.K., Babu M.R.	Implementing self adaptiveness in whale optimization for cluster head section in Internet of Things	Cluster Computing	-	-	1	12	1.85	https://doi.org/10.1007/s10586-017-1628-3

766	Mondal A., Paira P.	Synthesis and biological evaluations of organoruthenium scaffolds: A comprehensive update	Current Organic Synthesis	15	2	179	207	1.84	https://doi.org/10.2174/1570179414666170703143049
767	Choubey, Neha; Cordero, A.; Jaiswal, J. P.; Torregrosa, J. R.	Dynamical Techniques for Analyzing Iterative Schemes with Memory (vol 2018, 1232341, 2018)	complexity	-	-	-	-	1.82	https://doi.org/10.1155/2018/2950356
768	Yang J., Wen J., Jiang B., Lv Z., Sangaiah A.K.	Marine depth mapping algorithm based on the edge computing in Internet of things	Journal of Parallel and Distributed Computing	114	-	95	103	1.82	https://doi.org/10.1016/j.jpdc.2017.12.016
769	Xiao Z., Li X., Wang L., Yang Q., Du J., Sangaiah A.K.	Using convolution control block for Chinese sentiment analysis	Journal of Parallel and Distributed Computing	116	-	18	26	1.82	https://doi.org/10.1016/j.jpdc.2017.10.018
770	Pan Z., Liu S., Sangaiah A.K., Muhammad K.	Visual attention feature (VAF) : A novel strategy for visual tracking based on cloud platform in intelligent surveillance systems	Journal of Parallel and Distributed Computing	120	-	182	194	1.82	https://doi.org/10.1016/j.jpdc.2018.06.012
771	Martinelli F., Mercaldo F., Nardone V., Santone A., Sangaiah A.K., Cimitile A.	Evaluating model checking for cyber threats code obfuscation identification	Journal of Parallel and Distributed Computing	119	-	203	218	1.82	https://doi.org/10.1016/j.jpdc.2018.04.008
772	Reddy M.V., Pathak M.	Sol-gel combustion synthesis of Ag doped CaSiO3: in vitro bioactivity, antibacterial activity and cytocompatibility studies for biomedical applications	Materials Technology	-	-	1	10	1.82	https://doi.org/10.1080/10667857.2017.1389050
773	Hari Prakash N., Sarma A., Sarma B.	Antibacterial studies of copper deposited water hyacinth fiber using RF plasma sputtering process	Materials Technology	33	9	621	633	1.82	https://doi.org/10.1080/10667857.2018.1483862
774	Gandhi M.S.A., Babu P.R., Senthilnathan K., Li Q.	High sensitivity photonic crystal fiber-based refractive index microbiosensor	Optical Fiber Technology	46	-	88	94	1.82	https://doi.org/10.1016/j.yofte.2018.09.016
775	AnuradhaRavi., EkaterinaAvershina., Inga LeenaAngell., JaneLudvigsen., PrasanthManohar., SumathiPadmanaban., RameshNachimuthu., LarsSnipen., KnutRudi	Comparison of reduced metagenome and 16S rRNA gene sequencing for determination of genetic diversity and mother-child overlap of the gut associated microbiota	Journal of microbiological methods	149	-	44	52	1.8	https://www.ncbi.nlm.nih.gov/pubmed/29501688
776	Zhang J., Li K., Guo D., Qi H., Yu H., Jin Y., Sangaiah A.K.	Sustainable green data center: Guaranteeing flow deadlines in chains of virtual network functions with MRouting	Sustainable Computing: Informatics and Systems	-	-	-	-	1.8	https://doi.org/10.1016/j.suscom.2018.05.006
777	Sangaiah A.K., Esposito C., Zheng Z., Jeong Y.-S.	Introduction to special issue on sustainable computing for bio-energy: Intelligent computing models and analytics	Sustainable Computing: Informatics and Systems	20	-	118	119	1.8	https://doi.org/10.1016/j.suscom.2018.10.008
778	Jegadheesan, V.; Sivasankaran, K.	Influence of RDF and MGG Induced Variability on Performance of 7 nm Multi-Gate Transistors with Metal/High-k Gate Stack	ECS JOURNAL OF SOLID STATE SCIENCE AND TECHNOLOGY	7	9	Q171	Q175	1.8	https://doi.org/10.1149/2.0021810jss
779	Chakraborty, Anubhav; Viswanathan, Pragasam	Methylation-Demethylation Dynamics: Implications of Changes in Acute Kidney Injury	ANALYTICAL CELLULAR PATHOLOGY	-	-	-	-	1.79	-
780	Abraham J., Chauhan R.	Profiling of red pigment produced by Streptomyces sp. JAR6 and its bioactivity	3 Biotech	8	22	-	-	1.79	https://doi.org/10.1007/s13205-017-1044-7

781	Eswaran N., Agaram Sundaram V., Rao K.A., Thalaivarisai Balasundaram S.	Simple isolation and characterization of seminal plasma extracellular vesicle and its total RNA in an academic lab	3 Biotech	8	3	-	-	1.79	https://doi.org/10.1007/s13205-018-1157-7
782	Anbarasu K., Jayanthi S.	Identification of curcumin derivatives as human LMTK3 inhibitors for breast cancer: a docking, dynamics, and MM/PBSA approach	3 Biotech	8	228	1	12	1.79	https://doi.org/10.1007/s13205-018-1239-6
783	Narenkumar J., Ramesh N., Rajasekar A.	Control of corrosive bacterial community by bronopol in industrial water system	3 Biotech	8	1	-	-	1.79	https://doi.org/10.1007/s13205-017-1071-4
784	Simon J.P., Baskaran U.L., Shallauddin K.B., Ramalingam G., Evan Prince S.	Evidence of antidiabetic activity of Spirulina fusiformis against streptozotocin-induced diabetic Wistar albino rats	3 Biotech	8	2	-	-	1.79	https://doi.org/10.1007/s13205-018-1156-8
785	Purayil F.T., Robert G.A., Gothandam K.M., Kurup S.S., Subramaniam S., Cheruth A.J.	Genetic variability in selected date palm (Phoenix dactylifera L.) cultivars of United Arab Emirates using ISSR and DAMD markers	3 Biotech	8	2	-	-	1.79	https://doi.org/10.1007/s13205-018-1108-3
786	Karthik S., Pavan G., Sathish S., Siva R., Kumar P.S., Manickavasagam M.	Genotype-independent and enhanced in planta Agrobacterium tumefaciens-mediated genetic transformation of peanut [Arachis hypogaea (L.)]	3 Biotech	8	4	-	-	1.79	https://doi.org/10.1007/s13205-018-1231-1
787	Ramireddy S., Raghuraman P., Khandelwal P., Abraham J., Sudandiradoss C.	A molecular simulation analysis of vitamin D targets interleukin 13 (IL13) as an alternative to mometasone in asthma	3 Biotech	8	8	-	-	1.79	https://doi.org/10.1007/s13205-018-1394-9
788	Kumar P., Mahalingam K.	In silico approach to identify non-synonymous SNPs with highest predicted deleterious effect on protein function in human obesity related gene, neuronal growth regulator 1 (NEGR1)	3 Biotech	8	11	-	-	1.79	https://doi.org/10.1007/s13205-018-1463-0
789	Veerakumar S., Manian R.P.	Recombinant Î²-agarases: insights into molecular, biochemical, and physiochemical characteristics	3 Biotech	8	10	-	-	1.79	https://doi.org/10.1007/s13205-018-1470-1
790	Sasikumar K., Ghosh A.R., Dusthackeer A.	Antimycobacterial potentials of quercetin and rutin against Mycobacterium tuberculosis H37Rv	3 Biotech	8	10	-	-	1.79	https://doi.org/10.1007/s13205-018-1450-5
791	Krishnan P., Jana U., Ashokkumar B.K.	Asymptotic bit-error rate analysis of quadrature amplitude modulation and phaseshift keying with OFDM RoFSO over M turbulence in the presence of pointing errors	IET Communications	12	16	2046	2051	1.78	https://doi.org/10.1049/iet-com.2017.0560
792	Bayyappagari B., Shaik K.	Para, ferro and antiferromagnetic properties of MnO2 and Ce1âËâ€ ââ‚¬â„¢xMnxO2 nanoparticles	Applied Physics A: Materials Science and Processing	124	7	-	-	1.78	https://doi.org/10.1007/s00339-017-1395-2
793	Kunapalli C.K., Shaik K.	Room-temperature ferromagnetic Zn1âËâ€ ââ‚¬â„¢xNixS nanoparticles	Applied Physics A: Materials Science and Processing	124	384	-	-	1.78	https://doi.org/10.1007/s00339-018-1811-2
794	Helen S., Ruban Kumar A.	Electrical, mechanical and surface analysis of ion-doped hydroxyapatite for antibacterial activity	Applied Physics A: Materials Science and Processing	124	8	-	-	1.78	https://doi.org/10.1007/s00339-018-1949-y
795	Suresh A., Manikandan N., Jauhar R.M., Murugakoothan P., Vinitha G.	Growth and characterizaion of urea p-nitrophenol crystal: an organic nonlinear optical material for optoelectronic device application	Applied Physics A: Materials Science and Processing	124	6	-	-	1.78	https://doi.org/10.1007/s00339-018-1767-2

796	Ashok Hegde T., Dutta A., Vinitha G.	Ï‡(3) measurement and optical limiting behaviour of novel semi-organic cadmium mercury thiocyanate crystal by Z-scan technique	Applied Physics A: Materials Science and Processing	124	12	-	-	1.78	https://doi.org/10.1007/s00339-018-2235-8
797	Hegde, Tejaswi Ashok; Dutta, Atanu; Vinitha, G.	chi((3)) measurement and optical limiting behaviour of novel semi-organic cadmium mercury thiocyanate crystal by Z-scan technique	Applied Physics A: Materials Science and Processing	124	12	-	-	1.78	https://doi.org/10.1007/s00339-018-2235-8
798	Saranraj A., Thirupathy J., Dhas S.S.J., Jose M., Vinitha G., Dhas S.A.M.B.	Growth and characterization of unidirectional benzil single crystal for photonic applications	Applied Physics B: Lasers and Optics	124	6	-	-	1.77	https://doi.org/10.1007/s00340-018-6971-4
799	Gangareddy J., Bheemaiah E., Gandhiraj V., James J.T., Jose J.K., Katturi Naga K., Soma V.R.	Nonlinear optical studies of sodium borate glasses embedded with gold nanoparticles	Applied Physics B: Lasers and Optics	124	10	-	-	1.77	https://doi.org/10.1007/s00340-018-7074-y
800	Neethu N., Choudhury T.	Treatment of Methylene Blue and Methyl Orange Dyes in Wastewater by Grafted Titania Pillared Clay Membranes	Recent Patents on Nanotechnology	12	3	200	207	1.75	https://doi.org/10.2174/1872210512666181029155352
801	Balaji N., Sulochana SP., Saini NK., A SK., Mullangi R	Validation of a chiral LC-MS/MS-ESI method for the simultaneous quantification of darolutamide diastereomers in mouse plasma and its application to a stereoselective pharmacokinetic study in mice	Biomedical Chromatography	32	5	4173	4173	1.75	https://www.ncbi.nlm.nih.gov/pubmed/?term=Validation+of+a+chiral+LC-MS%2FMS-ESI+method+for+the+simultaneous+quantification+of+darolutamide+diastereomers+in+mouse+plasma+and+its+application+to+a+stereoselective+pharmacokinetic+study+in+mice
802	S. Abdul Gaffar., V. Ramachandra Prasad., O. Anwar Bég., K. Venkatadri., Md. H. Hidayathullah Khan	Radiative and magnetohydrodynamics flow of third-grade viscoelastic fluid past an isothermal inverted cone in the presence of heat generation/absorption	Journal of the Brazilian Society of Mechanical Sciences and Engineering	40	127	-	-	1.74	https://link.springer.com/article/10.1007/s40430-018-1049-0
803	Gaffar S.A., Prasad V.R., BÃ©g O.A., Khan M.H., Venkatadri M.	Effects of ramped wall temperature and concentration on viscoelastic Jeffreyâ€¬â„¢s fluid flows from a vertical permeable cone	Journal of the Brazilian Society of Mechanical Sciences and Engineering	40	9	-	-	1.74	https://doi.org/10.1007/s40430-018-1354-7
804	M. Parthibavarman., M. Karthik., P. Sathishkumar., R. Poonguzhali	Rapid synthesis of novel Cr-doped WO3 nanorods: an efficient electrochemical and photocatalytic performance	Journal of the Iranian Chemical Society	15	6	1519	1430	1.74	https://link.springer.com/article/10.1007/s13738-018-1342-y
805	Parthibavarman M., Sathishkumar S., Prabhakaran S., Jayashree M., BoopathiRaja R.	High visible light-driven photocatalytic activity of large surface area Cu doped SnO2 nanorods synthesized by novel one-step microwave irradiation method	Journal of the Iranian Chemical Society	15	12	2789	2801	1.74	https://doi.org/10.1007/s13738-018-1466-0
806	Chandra I., Prabha K.H., Sivakumar N.	Optimization of QoS parameters using scheduling techniques in heterogeneous network	Personal and Ubiquitous Computing	-	-	1	8	1.74	https://doi.org/10.1007/s00779-018-1133-6
807	Padmavathy T.V., Vimalkumar M.N., Sivakumar N.	Region-specific multi-attribute white mass estimation-based mammogram classification	Personal and Ubiquitous Computing	-	-	1	6	1.74	https://doi.org/10.1007/s00779-018-1135-4
808	S. Priya., R. Varatharajan., Gunasekaran Manogaran., Revathi Sundarasekar., Priyan Malarvizhi Kumar	Paillier homomorphic cryptosystem with poker shuffling transformation based water marking method for the secured transmission of digital medical images	Personal and Ubiquitous Computing	-	-	1	11	1.74	https://link.springer.com/article/10.1007/s00779-018-1131-8

809	Padmavathy T.V., Bhargava D.S., Venkatesh P., Sivakumar N.	Design and development of microstrip patch antenna with circular and rectangular slot for structural health monitoring	Personal and Ubiquitous Computing	-	-	1	11	1.74	https://doi.org/10.1007/s00779-018-1130-9
810	Sivakumar V., Rekha D.	Node scheduling problem in underwater acoustic sensor network using genetic algorithm	Personal and Ubiquitous Computing	-	-	1	9	1.74	https://doi.org/10.1007/s00779-018-1136-3
811	Kanisha B., Lokesh S., Kumar P.M., Parthasarathy P., Chandra Babu G.	Speech recognition with improved support vector machine using dual classifiers and cross fitness validation	Personal and Ubiquitous Computing	-	-	1	9	1.74	https://doi.org/10.1007/s00779-018-1139-0
812	Cheng C.-H., Chen Y.-S., Sangaiah A.K., Su Y.-H.	Evidence-based personal applications of medical computing models in risk factors of cardiovascular disease for the middle-aged and elderly	Personal and Ubiquitous Computing	-	-	1	16	1.74	https://doi.org/10.1007/s00779-018-1172-z
813	Angeline Gautami Fernando., Bharadhwaj Sivakumaran., L. Suganthi	Comparison of perceived acquisition value sought by online second-hand and new goods shoppers	European Journal of Marketing	-	-	-	-	1.72	https://www.emeraldinsight.com/doi/abs/10.1108/EJM-01-2017-0048
814	Giridharan A., Samuel G.L.	Investigation into erosion rate of AISI 4340 steel during wire electrical discharge turning process	Machining Science and Technology	-	-	1	12	1.72	https://doi.org/10.1080/10910344.2017.1365890
815	Lakshmi S., Suresh S., Rahul B.S., Saikant R., Maya V., Gopi M., Padmaja G., Remani P.	In vitro and in vivo studies of 5,7-dihydroxy flavones isolated from Alpinia galanga (L.) against human lung cancer and ascetic lymphoma	Medicinal Chemistry Research	-	-	-	-	1.72	https://doi.org/10.1007/s00044-018-2260-3
816	Menon S.S., Chandran S.V., Koyappayil A., Berchmans S.	Copper- Based Metal-Organic Frameworks as Peroxidase Mimics Leading to Sensitive H2O2 and Glucose Detection	CHEMISTRYSELECT	3	28	8319	8324	1.71	https://doi.org/10.1002/slct.201800667
817	Sharma A., Pandey M., Khutia M., Joshi G.M., Cuberes M.T.	Development of Thermal Sensor by Reinforced Graphene Nanoplatelets Thermoplastic Blends	Polymer - Plastics Technology and Engineering	57	5	380	386	1.71	https://doi.org/10.1080/03602559.2016.1233272
818	Shareef S.N.M., Chidambaram K., Pasha S.K.K.	Structure, morphology and dielectric properties of hexagonal boron nitride nanoparticles reinforced biopolymer nanocomposites	Polymer - Plastics Technology and Engineering	-	-	-	-	1.71	https://doi.org/10.1080/03602559.2018.1542726
819	Chinnapullaih C., Sheela A.	Concomitant reduction of dimethylformamide and oxidation of vanadyl sulfate to N,Nâî,¬²-dimethylammonium decavanadate cluster and DNA, BSA binding, and cytotoxicity (HeLa) studies	Journal of Coordination Chemistry	-	-	1	14	1.69	https://doi.org/10.1080/00958972.2018.1542492
820	Zayed H, Abdel Motal UM, Gopalakrishnan A, Ponnuraja C, Doss CGP, Rizk N, Shebl FM.	Retinopathy of Type 1 Diabetes in Arab Countries: Systematic Review and Meta-Analysis.	Ophthalmic Research	-	25	1	12	1.69	https://www.ncbi.nlm.nih.gov/pubmed/?term=%22Retinopathy+of+Type+1+Diabetes+in+Arab+Countries%3A+Systematic+Review+and+Meta-Analysis.%22
821	Liang N., Zheng H.-T., Chen J.-Y., Sangaiah A.K., Zhao C.-Z.	TRSDL: Tag-aware recommender system based on deep learning-intelligent computing systems	Applied Sciences (Switzerland)	8	5	-	-	1.68	https://doi.org/10.3390/app8050799
822	Chakraborty D., Munuswamy K., Shaik K., Nasina M.R., Dugasani S.R., Inturu O.	Evidence of Room Temperature Ferromagnetism Due to Oxygen Vacancies in (In1âËâ€ âî,¬â„¢xFex)2O3 Thin Films	Journal of Electronic Materials	47	3	2155	2164	1.68	https://doi.org/10.1007/s11664-017-6026-3

823	Parthibavarman M., Sharmila V., Sathishkumar P., Gaikwad S.A.	A Rapid One-Pot Synthesis of CuO Rice-Like Nanostructure and Its Structural, Optical and Electrochemical Performance	Journal of Electronic Materials	47	9	5443	5451	1.68	https://doi.org/10.1007/s11664-018-6435-y
824	Seetharani Murugaiyan Jaisakthi., Palaniappan Mirunalini., Chandrabose Aravindan	Automated Skin Lesion Segmentation of Dermoscopic Images using GrabCut and K-Means Algorithms	IET Computer Vision	12	8	1088	1095	1.65	http://digital-library.theiet.org/content/journals/10.1049/iet-cvi.2018.5289
825	Naidu K.C.B., Wuppulluri M.	Ceramic Nanoparticle Synthesis at Lower Temperatures for LTCC and MMIC Technologies	IEEE Transactions on Magnetics	-	-	-	-	1.65	https://doi.org/10.1109/TMAG.2018.2855663
826	Sanal A., Sathyanarayanan P., Velmurugan V., Kannadassan D.	Negative VCC in MIM capacitors: modeling and experiments	Journal of Computational Electronics	17	1	458	462	1.64	https://doi.org/10.1007/s10825-017-1110-8
827	Vijay H.M., Ramakrishnan V.N.	Radiation effects on memristor-based non-volatile SRAM cells	Journal of Computational Electronics	17	1	279	287	1.64	https://doi.org/10.1007/s10825-017-1080-x
828	Janani K., Rajesh A., Shankar T.	Design of an optical half-adder using cohesive twin-structured PCRR	Journal of Computational Electronics	-	-	1	8	1.64	https://doi.org/10.1007/s10825-018-1161-5
829	Irene G., Rajesh A.	A dual-polarized UWBâââ€š¬ââ,¬Å“MIMO antenna with IEEE 802.11ac band-notched characteristics using split-ring resonator	Journal of Computational Electronics	17	3	1090	1908	1.64	https://doi.org/10.1007/s10825-018-1213-x
830	Jindal S.K., Magam S.P., Shaklya M.	Analytical modeling and simulation of MEMS piezoresistive pressure sensors with a square silicon carbide diaphragm as the primary sensing element under different loading conditions	Journal of Computational Electronics	17	4	1780	1789	1.64	https://doi.org/10.1007/s10825-018-1223-8
831	Varma M.A., Jindal S.K.	Novel design for performance enhancement of a touch-mode capacitive pressure sensor: theoretical modeling and numerical simulation	Journal of Computational Electronics	17	3	1324	1333	1.64	https://doi.org/10.1007/s10825-018-1174-0
832	Divya Bharathi N., Sivasankaran K.	Performance analysis of a substrate-engineered monolayer MoS2 field-effect transistor	Journal of Computational Electronics	-	-	-	-	1.64	https://doi.org/10.1007/s10825-018-1282-x
833	Sriram S.R., Bindu B.	A physics-based 3-D potential and threshold voltage model for undoped triple-gate FinFET with interface trapped charges	Journal of Computational Electronics	-	-	-	-	1.64	https://doi.org/10.1007/s10825-018-1260-3
834	Dhanumalayan E., Joshi G.M.	High Performance Thermoplastic Blends Modified by Potassium Hexatitanate for Dielectric Applications	Journal of Inorganic and Organometallic Polymers and Materials	28	5	1775	1786	1.64	https://doi.org/10.1007/s10904-018-0835-6
835	Reddy M.V., Pathak M.	In Vitro Biological Evaluations of Zn Doped CaSiO3 Synthesized by Solâââ€š¬ââ,¬Å“Gel Combustion Technique	Journal of Inorganic and Organometallic Polymers and Materials	28	6	2187	2195	1.64	https://doi.org/10.1007/s10904-018-0922-8
836	Anand K., Murugan V., Mohana Roopan S., Surendra T.V., Chuturgoon A.A., Muniyasamy S.	Degradation Treatment of 4-Nitrophenol by Moringa oleifera Synthesised GO-CeO2 Nanoparticles as Catalyst	Journal of Inorganic and Organometallic Polymers and Materials	28	6	2241	2248	1.64	https://doi.org/10.1007/s10904-018-0891-y
837	Sreedhar K.C., Suresh Kumar N.	An optimal cloud-based e -healthcare system using k -centroid MVS clustering scheme	Journal of Intelligent and Fuzzy Systems	34	3	1595	1607	1.64	https://doi.org/10.3233/JIFS-169454

838	Madhawa S., Balakrishnan P., Arumugam U.	Data driven intrusion detection system for software defined networking enabled industrial internet of things	Journal of Intelligent and Fuzzy Systems	34	3	1289	1300	1.64	https://doi.org/10.3233/JIFS-169425
839	Mohanapriya N., Kousalya G., Balakrishnan P., Pethuru Raj C.	Energy efficient workflow scheduling with virtual machine consolidation for green cloud computing	Journal of Intelligent and Fuzzy Systems	34	3	1561	1572	1.64	https://doi.org/10.3233/JIFS-169451
840	Mohanraj V., Sibi Chakkaravarthy S., Gogul I., Sathiesh Kumar V., Kumar R., Vaidehi V.	Hybrid feature descriptors to detect face spoof attacks	Journal of Intelligent and Fuzzy Systems	34	3	1411	1419	1.64	https://doi.org/10.3233/JIFS-169436
841	Muralidaran, C.; Venkateswarlu, B.	Generalized ranking function for all symmetric fuzzy linear programming problems	Journal of Intelligent and Fuzzy Systems	35	1	1127	1131	1.64	-
842	Madhawa S., Balakrishnan P., Arumugam U.	Employing invariants for anomaly detection in software defined networking based industrial internet of things	Journal of Intelligent and Fuzzy Systems	35	2	1267	1279	1.64	https://doi.org/10.3233/JIFS-169670
843	Yao Tan., Hubert P. H. Shum., Fei Chao., V. Vijayakumar., Longzhi Yang	Curvature-Based Sparse Rule Base Generation for Fuzzy Rule Interpolation	Journal ofIntelligent and Fuzzy Systems	-	-	-	-	1.64	http://nrl.northumbria.ac.uk/36481/
844	Ren Y., Liu Y., Ji S., Sangaiah A.K., Wang J.	Incentive Mechanism of Data Storage Based on Blockchain for Wireless Sensor Networks	Mobile Information Systems	2018	-	-	-	1.64	https://doi.org/10.1155/2018/6874158
845	Murugavel S., Sundramoorthy S., Subashini R., Pavan P.	Synthesis, characterization, pharmacological, molecular modeling and antimicrobial activity evaluation of novel isomer quinoline derivatives	Structural Chemistry	-	-	1	19	1.62	https://doi.org/10.1007/s11224-018-1149-6
846	Sudabattula S.K., Muniswamy K.	Optimal allocation of photo voltaic arrays in radial distribution system with various load models	Gazi University Journal of Science	31	4	1123	1139	1.61	https://www.researchgate.net/publication/329365518_Optimal_Allocation_of_Photo_Voltaic_Arrays_in_Radial_Distribution_System_with_Various_Load_Models
847	Babu S., Loganathan A.K., Vairavasundaram I.	Optimizing electrical generators of wind energy conversion system for efficient power extraction	Gazi University Journal of Science	31	4	1141	1154	1.61	https://www.researchgate.net/publication/329873786_Optimizing_electrical_generators_of_wind_energy_conversion_system_for_efficient_power_extraction
848	Sruthilaxmi C.B., Babu S.	Functional interplay of genes in prioritizing the responses of rice plants to fungal infection and abiotic stress	Acta Physiologiae Plantarum	40	8	-	-	1.61	https://doi.org/10.1007/s11738-018-2725-5
849	Saranya D., Shanthakumar S.	Opportunities for phycoremediation approach in tannery effluent: A treatment perspective	Environmental Progress and Sustainable Energy	-	-	-	-	1.6	https://doi.org/10.1002/ep.13078
850	Umamaheswari J., Shanthakumar S.	Phytoremediation of nutrient overloaded soil by rice mill wastewater using Amaranthus palmeri and Sorghum vulgare	Environmental Progress and Sustainable Energy	-	-	-	-	1.6	https://doi.org/10.1002/ep.12957
851	Zhang S.-M., Sangaiah A.K.	Reliable design for virtual network requests with location constraints in edge-of-things computing	Eurasip Journal on Wireless Communications and Networking	2018	1	-	-	1.59	https://doi.org/10.1186/s13638-018-1075-8

852	Sathyakam P.U., Mallick P.S.	Reducing crosstalk induced delay and peak noise in carbon nanotube interconnects	Current Nanoscience	14	1	76	80	1.59	https://doi.org/10.2174/1573413713666170821123024
853	Venkatachalam Gopalan., Vimalanand Suthenthiraveerappa., Vignesh Pragasam	Experimental and numerical investigation on the dynamic characteristics of thick laminated plant fiber-reinforced polymer composite plates	Archive of Applied Mechanics	-	-	1	22	1.58	https://link.springer.com/article/10.1007/s00419-018-1473-8
854	Jauhar R.O.M., Viswanathan V., Era P., Vivek P., Vinitha G., Murugakoothan P.	Crystal engineering, structural and optical properties of 2-aminopyridinium diphenylacetate diphenylacetic acid crystal	Journal of Crystal Growth	498	-	115	123	1.57	https://doi.org/10.1016/j.jcrysgro.2018.06.009
855	Rajiniraja M., Sivaramakrishna A., Sabareesh V., Jayaraman G.	In vitro inhibition potential of mono-n-octyl phthalate on Mycobacterium tuberculosis H37Ra: Possibility of binding to mycobacterial PknBâ‚¬An in silico approach	Biotechnology and Applied Biochemistry	65	6	865	875	1.56	https://doi.org/10.1002/bab.1685
856	Javed M., Shaik A.H., Khan T.A., Imran M., Aziz A., Ansari A.R., Chandan M.R.	Synthesis of stable waste palm oil based CuO nanofluid for heat transfer applications	Heat and Mass Transfer/Waerme- und Stoffuebertragung	54	12	3739	3745	1.55	https://doi.org/10.1007/s00231-018-2399-y
857	Nisha S.N., Prabu G., Mandal A.K.A.	Biochemical and molecular studies on the resistance mechanisms in tea [Camellia sinensis (L.) O. Kuntze] against blister blight disease	Physiology and Molecular Biology of Plants	-	-	1	14	1.54	https://doi.org/10.1007/s12298-018-0565-9
858	Rostami S.M.H., Sangaiah A.K., Wang J., Kim H.-J.	Real-time obstacle avoidance of mobile robots using state-dependent Riccati equation approach	Eurasip Journal on Image and Video Processing	2018	1	-	-	1.53	https://doi.org/10.1186/s13640-018-0319-1
859	Vedamurthy T., Murugesan M.	In-situ PMMA modified p-cresol resin-nylon 6 polymer blends and evaluation of their hydrophobic and dielectric properties	Journal of Polymer Research	25	9	-	-	1.53	https://doi.org/10.1007/s10965-018-1588-1
860	Sovan Sundar Dasgupta., Vasudevan Rajamohan., Abhishek Kumar Jha	Dynamic Characterization of a Bistable Energy Harvester Under Gaussian White Noise for Larger Time Constant	Arabian Journal for Science and Engineering	-	-	1	10	1.52	https://link.springer.com/article/10.1007/s13369-018-3187-1
861	Kannabiran Krishnan., Abirami Mani	Structural Elucidation and Identification of 2-Hydroxy Benzoic Acid: An Antibacterial and Cytotoxic Compound from Streptomyces sp. VITHM1 Isolated from Marine Sediment Sample of Alappuzha Beach, Kerala, India	Arabian Journal for Science and Engineering	43	7	3339	3348	1.52	https://link.springer.com/article/10.1007/s13369-017-2953-9
862	Ashok Rao., Natarajan Ramakrishna., Sathiavelu Arunachalam., Mythili Sathiavel	Isolation, Screening and Optimization of Laccase-Producing Endophytic Fungi from Euphorbia milii	Arabian Journal for Science and Engineering	44	1	51	64	1.52	https://link.springer.com/article/10.1007/s13369-018-3431-8
863	I. Sumaiya Thaseen., Ch. Aswani Kumar., Amir Ahmad	Integrated Intrusion Detection Model Using Chi-Square Feature Selection and Ensemble of Classifiers	Arabian Journal for Science and Engineering	-	-	1	12	1.52	https://link.springer.com/article/10.1007/s13369-018-3507-5
864	Meenakshi Subramani., Vinoth Babu Kumaravelu	A Quality-Aware Fuzzy-Logic-Based Vertical Handover Decision Algorithm for Device-to-Device Communication	Arabian Journal for Science and Engineering	-	-	1	13	1.52	https://link.springer.com/article/10.1007/s13369-018-3560-0

865	Vinoth Babu Kumaravelu., Gaurav Jaiswal., Vishnu Vardhan Gudla., G. Ramachandra Reddy., Arthi Murugadass	Modified Spatial Modulation: An Alternate to Spatial Multiplexing for 5G-Based Compact Wireless Devices	Arabian Journal for Science and Engineering	-	-	1	17	1.52	https://link.springer.com/article/10.1007/s13369-018-3572-9
866	Sagiraju D.K.V., Yeddulapeda O., Choppavarapu S.B.	A new control approach to improve the dynamic performance and ride through capability of PMSG wind energy system	Journal of Renewable and Sustainable Energy	10	4	-	-	1.51	https://doi.org/10.1063/1.4996405
867	A. Alfred Kirubara., D. Jackuline Moni., D. Devaprakasam	Large scale fabrication of asymmetric 2D and 3D micro/nano array pattern structures using multi-beam interference lithography technique for Solar cell texturing application	Microsystem Technologies	24	6	2569	2575	1.51	https://link.springer.com/article/10.1007/s00542-018-3742-4
868	Naidu P.V., Kumar A., Rajkumar R.	Design, analysis and fabrication of compact dual band uniplanar meandered ACS fed antenna for 2.5/5 GHz applications	Microsystem Technologies	-	-	1	8	1.51	https://doi.org/10.1007/s00542-018-3937-8
869	Sankaran K., Manoharan P., Sofana Reka S., Chattopadhyay S.	A brief insight into the prediction of water vapor transmissibility in highly impermeable hybrid nanocomposites based on bromobutyl/epichlorohydrin rubber blends	Open Chemistry	16	1	1207	1213	1.51	https://doi.org/10.1515/chem-2018-0124
870	Jyothish Kumar L., Sarveswari S., Vijayakumar V.	DMFDMA catalyzed synthesis of 2-((Dimethylamino)methylene)-3,4-dihydro-9-arylacridin-1(2H)-ones and their derivatives: In-vitro antifungal, antibacterial and antioxidant evaluations	Open Chemistry	16	1	1077	1088	1.51	https://doi.org/10.1515/chem-2018-0110
871	KÄ±lÄ±Ã§man A., Silambarasan R.	Computing new solutions of algebro-geometric equation using the discrete inverse Sumudu transform	Advances in Difference Equations	2018	1	-	-	1.51	https://doi.org/10.1186/s13662-018-1785-6
872	Muralidharan V.P., Sathiyanarayanan K.I.	Naphthalimide-Based Chiral Fluorescence Sensor Employing (S)-BINOL Unit for Highly Enantioselective Recognition of Î±-Amino Alcohols with Opposite Chiral Selectivity	CHEMISTRYSELECT	3	11	3111	3117	1.5	https://doi.org/10.1002/slct.201703101
873	Venkatesh S., Leninkumar V., Reddy M.M., Desikan R., Akella S.	Ni(II)-Diphosphine-Catalyzed One-Pot Synthesis of Aromatic 1,5-Diketones	CHEMISTRYSELECT	3	10	2819	2822	1.5	https://doi.org/10.1002/slct.201800323
874	Ranjan P., Athar M., Rather H., Vijayakrishna K., Vasita R., Jha P.C.	Appraisal of 1-Butylimidazole-Derived Ionic Liquids as Anthelmintic Agents: An Experimental and In Silico Approach	CHEMISTRYSELECT	3	26	7518	7526	1.5	https://doi.org/10.1002/slct.201800402
875	De S., Subran S.K., Ramasamy S.K., Banerjee S., Paira P., Kalleshappa A.K.S.	Luminescent Anticancer Acenaphtho[1, 2-b]quinoxaline: Green Synthesis, DFT and Molecular Docking Studies, Live-Cell Imaging and Reactivity towards Nucleic Acid and Protein BSA	CHEMISTRYSELECT	3	19	5421	5430	1.5	https://doi.org/10.1002/slct.201800487
876	Yadav C.S., Suhasini R., Thiagarajan V., Velmurugan D., Kannadasan S.	Environmentally Benign Neat Mechanochemical Synthesis and Photophysical Studies of Indolylquinolines via Silica gel Catalyzed Metal free A3-Coupling	CHEMISTRYSELECT	3	44	12576	12581	1.5	https://doi.org/10.1002/slct.201802941

877	De S., Sarkar B., Jadhav G.R., Ramasamy S.K., Banerjee S., Moorthy A., Paira P., Ashok Kumar S K.	Experimental and Theoretical Study on the Biomolecular Interaction of Novel Acenaphtho Quinoxaline and Dipyridophenazine Analogues	CHEMISTRYSELECT	3	38	10593	10602	1.5	https://doi.org/10.1002/slct.201801448
878	Selvendran S., Brindha J., Vasavi C.S., Munussami P., Pattusamy N., Chanda K., Balamurali M.M., Rajendran S.	Biological Evaluation of Synthesized N-Cinnamoyl Phenothiazine Derivatives	CHEMISTRYSELECT	3	46	13063	13069	1.5	https://doi.org/10.1002/slct.201803221
879	Savarimuthu S.A., Prakash D.G.L., Thomas S.A., Gandhi T.	DBU-Mediated Intermolecular 5-exo-dig Cyclization of PropargylAlcohols and Carbon Disulfide to [1,3]-Oxathiole-2-thiones	CHEMISTRYSELECT	3	46	13087	13090	1.5	https://doi.org/10.1002/slct.201802731
880	Sreenadh S., Gopi Krishna G., Srinivas A.N.S., Sudhakara E.	Entropy generation analysis for MHD flow through a vertical deformable porous layer	Journal of Porous Media	21	6	523	538	1.49	https://doi.org/10.1615/JPorMedia.v21.i6.30
881	Sucharitha G., Rashidi M.M., Sreenadh S., Lakshminarayana P.	Effects of magnetic field and slip on convective peristaltic flow of a non-Newtonian fluid in an inclined nonuniform porous channel with flexible walls	Journal of Porous Media	21	10	895	910	1.49	https://doi.org/10.1615/JPorMedia.2018020133
882	Sudhagar P., Kameswaran P.K., Kumar B.R.	Non-darcy effects on mixed convective nanofluid over a wedge in a porous medium	Journal of Porous Media	21	9	781	791	1.49	https://doi.org/10.1615/JPorMedia.2018020086
883	A. Umapathi., S. Swaroop	Residual Stress Distribution and Microstructure of a Multiple Laser-Peened Near-Alpha Titanium Alloy	Journal of Materials Engineering and Performance	-	-	1	9	1.48	https://link.springer.com/article/10.1007/s11665-018-3336-4
884	Nilamani S., Chitra P., Ramakrishnan V.N.	Topological variation on sub-20âââ€š¬¨nm double-gate inversion and Junctionless-FinFET based 6T-SRAM circuits and its SEU radiation performance	Microelectronics Reliability	82	-	11	19	1.48	https://doi.org/10.1016/j.microrel.2018.01.002
885	Hemavathi P., Muralikrishna P., Palanivel K.	On interval valued intuitionistic fuzzy Î² -subalgebras	Afrika Matematika	29	43102	249	262	1.47	https://doi.org/10.1007/s13370-017-0539-z
886	Devi R.R., Raju V.	Information technology in morbidity management of human lymphatic filariasisâââ€š¬ââ,¬Âa promising tool in global programme for elimination of lymphatic filariasis	Journal of Vector Borne Diseases	55	1	20	25	1.47	https://doi.org/10.4103/0972-9062.234622
887	Nag R., Raza H., Kumar S., Seal R., Banerjee A., Paul R.R., Pal M., Chatterjee J., Das R.K.	Detection and analysis of abnormal nuclear changes in oral cytological smears by Papanicolaou staining	Cytopathology	29	1	112	114	1.47	https://doi.org/10.1111/cyt.12504
888	Vidhya Hindu S., Chandrasekaran N., Mukherjee A., Thomas J.	A review on the impact of seaweed polysaccharide on the growth of probiotic bacteria and its application in aquaculture	Aquaculture International	-	-	-	-	1.45	https://doi.org/10.1007/s10499-018-0318-3
889	Kokila I.P., Kanagaraj M., Kumar P.S., Peter S.C., Sekar C., Therese H.A.	Structural, magnetic and magnetocaloric properties of EuMnO3 perovskite manganite: A comprehensive MCE study	Materials Research Express	5	2	-	-	1.45	https://doi.org/10.1088/2053-1591/aaacdc

890	Mohd Imran., Akhalakur Rahman Ansari., Aabid Hussain Shaik., Abdulaziz., shahir Hussain., MR Chandan., Afzal khan	Ferrofluid synthesis using oleic acid coated Fe3O4 nanoparticles dispersed in mineral oil for heat transfer applications	Materials Research Express	5	3	-	-	1.45	http://iopscience.iop.org/article/10.1088/2053-1591/aab4d7/meta
891	Mohana J., Divya Bharathi M., Srividya J., Vinitha G., Anbalagan G.	Insight on the growth, mechanical, optical and thermal studies of pyrrolidinium 2-carboxy 6-nitrophthalate (PY3N) single crystal-An effective third-order nonlinear optical material for optical limiting applications	Materials Research Express	5	8	-	-	1.45	https://doi.org/10.1088/2053-1591/aad1e4
892	Srinivasan M.P., Punithavelan N.	Structural, morphological and dielectric investigations on NiO/CuO/ ZnO combined semiconductor metal oxide structures based ternary nanocomposites	Materials Research Express	5	7	-	-	1.45	https://doi.org/10.1088/2053-1591/aad079
893	Arthisree D., Joshi G.M.	Graphene oxide derived high dielectric constant of polymer blends	Materials Research Express	5	7	-	-	1.45	https://doi.org/10.1088/2053-1591/aad108
894	Mageshkumar K., Kuppan P., Arivazhagan N.	Characterization of microstructure and mechanical properties of nickel based superalloy 617 by pulsed current gas tungsten arc welding technique	Materials Research Express	5	6	-	-	1.45	https://doi.org/10.1088/2053-1591/aacb56
895	Natrayan L., Kumar M.S., Palanikumar K.	Optimization of squeeze cast process parameters on mechanical properties of Al2O3/SiC reinforced hybrid metal matrix composites using taguchi technique	Materials Research Express	5	6	-	-	1.45	https://doi.org/10.1088/2053-1591/aac873
896	Senthilkumar N., Aravindhan V., Ruckmani K., Potheher I.V.	Coriandrum sativum mediated synthesis of silver nanoparticles and evaluation of their biological characteristics	Materials Research Express	5	5	-	-	1.45	https://doi.org/10.1088/2053-1591/aac312
897	Kannan C., Ramanujam R.	Mechanical and tribological behaviour of molten salt processed self-lubricated aluminium composite under different treatments	Materials Research Express	5	5	-	-	1.45	https://doi.org/10.1088/2053-1591/aac4ac
898	Sriramulu M., Shukla D., Sumathi S.	Aegle marmelos leaves extract mediated synthesis of zinc ferrite: Antibacterial activity and drug delivery	Materials Research Express	5	11	-	-	1.45	https://doi.org/10.1088/2053-1591/aadd88
899	Narasimman S., Mahararana K., Kokila S.K., Balakrishnan L., Alex Z.C.	Al2O3-MgO nanocomposite based fiber optic temperature sensor	Materials Research Express	5	11	-	-	1.45	https://doi.org/10.1088/2053-1591/aadd41
900	Paranthaman V., Shanmuga Sundaram K., Jebaraj A.V.	Analysis of structure property relationship of super duplex stainless steel AISI 2507 weldments for severe corrosive environments	Materials Research Express	5	9	-	-	1.45	https://doi.org/10.1088/2053-1591/aad855
901	Garg T., Kulkarni A.R., Venkataramani N.	PMN-PT thin films on La0.67Ca0.33MnO3 seeded platinized glass substrate: Phase formation, dielectric and ferroelectric studies	Materials Research Express	5	9	-	-	1.45	https://doi.org/10.1088/2053-1591/aad729
902	Kalpana V.N., Rajeswari V.D.	Synthesis of palladium nanoparticles via a green route using Lagenaria siceraria: Assessment of their innate antidandruff, insecticidal and degradation activities	Materials Research Express	5	11	-	-	1.45	https://doi.org/10.1088/2053-1591/aaddef

903	Sharma V., Jayakody D.N.K., Srinivasan K.	On the positioning likelihood of UAVs in 5G networks	Physical Communication	31	-	1	9	1.45	https://doi.org/10.1016/j.phycom.2018.08.010
904	Kolli M.K., Elamathi P., Chandrasekar G., Katta V.R., Balvantsinh Raolji G.	Highly efficient metal-free one-pot synthesis of Î±-aminophosphonates through reduction followed by Kabachnikâââ€š¬ââ,¬Å“fields reaction using three-component system	Synthetic Communications	48	6	638	649	1.44	https://doi.org/10.1080/00397911.2017.1385083
905	Singh F.V., Mangaonkar S.R., Kole P.B.	Ultrasound-assisted rapid synthesis of Î²-cyanoepoxides using hypervalent iodine reagents	Synthetic Communications	48	17	2169	2176	1.44	https://doi.org/10.1080/00397911.2018.1479760
906	Muralidharan V.P., Gunasekar R., Iyer S.K.	Synthesis of highly functionalized strained bicyclic dilactam derivatives	Synthetic Communications	48	13	1671	1677	1.44	https://doi.org/10.1080/00397911.2018.1459719
907	Kolli M.K., Elamathi P., Chandrasekar G., Katta V.R., Balvantsinh Raolji G.	Highly efficient metal-free one-pot synthesis of Î±-aminophosphonates through reduction followed by Kabachnikâ€“fields reaction using three-component system	Synthetic Communications	48	6	638	649	1.44	https://doi.org/10.1080/00397911.2017.1385083
908	Priyaadharshini M., Vinayaga Sundaram B.	Evaluation of higher-order thinking skills using learning style in an undergraduate engineering in flipped classroom	Computer Applications in Engineering Education	26	6	2237	2254	1.44	https://doi.org/10.1002/cae.22035
909	Mochi T., Anegondi N., Girish M., Jayadev C., Roy A.S.	Quantitative comparison between optical coherence tomography angiography and fundus fluorescein angiography images: Effect of vessel enhancement	Ophthalmic Surgery Lasers and Imaging Retina	49	11	E175	E181	1.42	https://doi.org/10.3928/23258160-20181101-15
910	Ilamurugu A., Chandrasekaran A.R., Ayyalusamy A., Shanmugam S., Velayudham R., KattaCharu G.R., Satpathy S.P.	Feasibility of MR-only radiation planning for hypofractionated stereotactic radiotherapy of schwannomas using non-coplanar volumetric modulated arc therapy	Radiologia Medica	-	-	-	-	1.42	https://doi.org/10.1007/s11547-018-0981-5
911	Medarametla P.K., M M.	Novel proportional-integral-derivative controller with second order filter for integrating processes	Asia-Pacific Journal of Chemical Engineering	13	3	2195	2195	1.4	https://doi.org/10.1002/apj.2195
912	Bal D.K., Bhasarkar J.B.	Mechanistic investigation of Sonoââ,¬â€œPhosphotungstic acid/phase transfer agent assisted oxidative desulfurization of liquid fuel	Asia-Pacific Journal of Chemical Engineering	-	-	-	-	1.4	https://doi.org/10.1002/apj.2271
913	Rajesh M., Sultan M.T.H., Uthayakumar M., Jayakrishna K., Shah A.U.M.	Dynamic behaviour of woven bio fiber composite	BioResources	13	1	1951	1960	1.4	https://doi.org/10.15376/biores.13.1.1951-1960
914	P Sathiyaraj., E James Jebaseelan Samuel	Application of bi-nanoparticle on dose enhancement effect in two different polymer gel dosimeter using spectrophotometer	Journal of Cancer Research and Therapeutics	-	-	-	-	1.39	http://www.cancerjournal.net/preprintarticle.asp?id=187295;type=0
915	Sathiyaraj P., Samuel J.J.	Dose rate and energy dependence study of methacrylic acid gelatin tetrakis (hydroxymethyl) phosphonium chloride gel with flattened and unflattened photon beams	Journal of Cancer Research and Therapeutics	14	2	287	291	1.39	https://doi.org/10.4103/0973-1482.191033
916	Suthenthiraveerappa V., Gopalan V., Arumugam A.B., Ramasamy B.	Dynamic characterization of the thickness-tapered laminated plant fiber-reinforced polymer composite plates	Advanced Composite Materials	-	-	1	29	1.39	https://doi.org/10.1080/09243046.2018.1478606

917	Swathy J.S., Mishra P., Thomas J., Mukherjee A., Chandrasekaran N.	Nanometric neem oil emulsification through microfluidization, and its therapeutic potential against Aeromonas culicicola infection in Cyprinus carpio	Flavour and Fragrance Journal	33	5	340	350	1.38	https://doi.org/10.1002/ffj.3453
918	Ramani A., B Grammaticos., Thamizharasi Tamizhmani	Investigating relations between discrete Painleve equations:The Multistep approach	Journal of Mathematical Physics	59		113506-1	113506-10	1.36	https://aip.scitation.org/doi/10.1063/1.5042739
919	Ramani A., Grammaticos B., Tamizhmani T.	Investigating relations between discrete PainlevÃ© equations: The multistep approach	Journal of Mathematical Physics	59	11	-	-	1.36	https://doi.org/10.1063/1.5042739
920	B Muralidharan., H Chelladurai., S Kanmani Subbu	Investigation of magnetic field and shielding gas in electro-discharge deposition process	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	-	-	1	16	1.36	https://journals.sagepub.com/doi/abs/10.1177/0954406218800110
921	Manigandan Krishnan., Senthilkumar Subramaniam	Multi-response optimization of friction stir corner welding of dissimilar thickness AA5086 and AA6061 aluminum alloys by Taguchi grey relational analysis	Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science	-	-	-	-	1.36	https://journals.sagepub.com/doi/abs/10.1177/0954406218806032
922	Muneer, Sowbiya; Jeong, Hai Kyoung; Park, Yoo Gyeong; Jeong, Byoung Ryong	Proteomic Analysis of Aphid-Resistant and -Sensitive Rose (Rosa Hybrida) Cultivars at Two Developmental Stages	PROTEOMES	6	2	-	-	1.35	-
923	Saheb S.M.D.M., Tambe P., Malathi M.	Influence of halloysite nanotubes and intumescent flame retardant on mechanical and thermal properties of 80/20 (Wt/wt) pp/ABS blend and their composites in the presence of dual compatibilizer	Journal of Thermoplastic Composite Materials	31	2	202	222	1.34	https://doi.org/10.1177/0892705717697775
924	Dinesh Jackson Samuel R., Rajesh Kanna B.	A programmable microscopic stage: Design and development	Microscopy Research and Technique	-	-	-	-	1.33	https://doi.org/10.1002/jemt.23184
925	Prabu K., Gupta S., Jaiswal S.	Impact of pointing errors and turbulence effects on POLSK and coherent OWC-based FSO system over generalized turbulence channel model	Photonic Network Communications	-	-	1	10	1.33	https://doi.org/10.1007/s11107-018-0759-7
926	Suganeshwari G., Syed Ibrahim S.P., Li G.	Lazy collaborative filtering with dynamic neighborhoods	Information Discovery and Delivery	46	2	95	109	1.32	https://doi.org/10.1108/IDD-02-2018-0007
927	Banerjee K., Thiagarajan N., Thiagarajan P.	Formulation and characterization of a Helianthus annuus - alkyl polyglucoside emulsion cream for topical applications	Journal of Cosmetic Dermatology	-	-	-	-	1.31	https://doi.org/10.1111/jocd.12756
928	Sri Revathi B., Mahalingam P.	Modular high-gain DCâââ€š¬ââ,¬Å“DC converter for renewable energy microgrids	Electrical Engineering	100	3	1913	1924	1.3	https://doi.org/10.1007/s00202-017-0673-5
929	Dhlamini M., Kameswaran P.K., Sibanda P., Motsa S., Mondal H.	Activation energy and binary chemical reaction effects in mixed convective nanofluid flow with convective boundary conditions	Journal of Computational Design and Engineering	-	-	-	-	1.28	https://doi.org/10.1016/j.jcde.2018.07.002
930	Valisireddy J., Anjaneyulu G.S.G.N.	Adept smart meters using homomorphic encryption based on factor problem over groups	Information and Learning Science	119	12	701	711	1.28	https://doi.org/10.1108/ILS-07-2018-0063

931	Bhagavathi Kandy S., Simon G.P., Cheng W., Zank J., Joshi K., Gala D., Bhattacharyya A.R.	Effect of Incorporation of Multiwalled Carbon Nanotubes on the Microstructure and Flow Behavior of Highly Concentrated Emulsions	ACS Omega	3	10	13584	13597	1.28	https://doi.org/10.1021/acsomega.8b00579
932	Jindal S.K., Varma M.A., Thukral D.	Comprehensive assessment of MEMS double touch mode capacitive pressure sensor on utilization of SiC film as primary sensing element: Mathematical modelling and numerical simulation	Microelectronics Journal	73	-	30	36	1.28	https://doi.org/10.1016/j.mejo.2018.01.002
933	Nelapati R.P., Sivasankaran K.	Impact of self-heating effect on the performance of hybrid FinFET	Microelectronics Journal	76	-	63	68	1.28	https://doi.org/10.1016/j.mejo.2018.04.015
934	Padmavathy C., Lee S., Pattusamy M., Dey M.K., Swapana M.	The role of perceived benefits and personality traits on mobile instant messaging usersâå,¬â„¢ responses	Asia Pacific Journal of Marketing and Logistics	30	5	1277	1293	1.28	https://doi.org/10.1108/APJML-07-2017-0136
935	Serge N.E., Blandine M.K.L., Kumar S., Clerge T., Vijayalakshmi M.	An aspartic-metalloprotease from an endemic plant tuber (Burnatia enneandra micheli): Purification and biochemical characterization	PHARMACOGNOSY MAGAZINE	14	57	S319	S326	1.26	https://doi.org/10.4103/pm.pm_555_17
936	Ramasamy S., Balan A.	Wearable sensors for ECG measurement: a review	Sensor Review	-	-	-	-	1.26	https://doi.org/10.1108/SR-06-2017-0110
937	Evangeline C.S., Lenin A.	Human health monitoring using wearable sensor	Sensor Review	-	-	-	-	1.26	https://doi.org/10.1108/SR-05-2018-0111
938	Vivek A., Shambavi K., Alex Z.C.	A review: metamaterial sensors for material characterization	Sensor Review	-	-	-	-	1.26	https://doi.org/10.1108/SR-06-2018-0152
939	Choudhury S.K., Padhy R.P., Sangaiah A.K., Sa P.K., Muhammad K., Bakshi S.	Scale Aware Deep Pedestrian Detection	Transactions on Emerging Telecommunications Technologies	-	-	-	-	1.26	https://doi.org/10.1002/ett.3522
940	L. Jyothish Kumar., V. Vijayakumar	An efficient solvent-free synthesis of 3-acetyl-4-arylquinoline-based enaminones and its derivatives using DMFDMA reagent	Chemical Papers	72	8	2001	2012	1.25	https://link.springer.com/article/10.1007/s11696-017-0375-5
941	Muralidharan V.P., Alagumuthu M., Arumugam S., Iyer S.K.	Molecular Substantiation and Drug Efficacy of Relatively High Molecular Weight S-BINOLs; Appraised as Breast Cancer Medication and PI3Kinase Inhibitors	Journal of Heterocyclic Chemistry	55	-	1339	1345	1.24	https://doi.org/10.1002/jhet.3166
942	Kumar M R., Alagumuthu M., Violet Dhayabaran V.	Synthesis and Molecular Drug Efficacy of Indoline-based Dihydroxy-thiocarbamides: Inflammation Regulatory Property Unveiled over COX-2 Inhibition, Molecular Docking, and Cytotoxicity Prospects	Journal of Heterocyclic Chemistry	55	7	1658	1668	1.24	https://doi.org/10.1002/jhet.3201
943	Aggile K., Alagumuthu M., Mundre R.S., Napoleon A.A.	Synthesis of Substituted Quinolinyl Ether-based Inhibitors of PI3K as Potential Anticancer Agents	Journal of Heterocyclic Chemistry	55	7	1669	1677	1.24	https://doi.org/10.1002/jhet.3202
944	Nachiappan S., Senthil Kumar P., Gopinath K.P., Rajinikanth V., Baskaran R., Ponnusami A.B.	Intensified degradation of pharmaceutical effluents by novel aerobic iron-swarf activated molecular oxygen in the presence of ascorbic acid	Desalination and Water Treatment	102	-	273	279	1.23	https://doi.org/10.5004/dwt.2018.21846

945	Vijayaraghavan G., Shanthakumar S.	Effective removal of reactive magenta dye in textile effluent by coagulation using algal alginate	Desalination and Water Treatment	121	-	14	21	1.23	https://doi.org/10.5004/dwt.2018.22189
946	Patidar K., Roy R., Kumar S., Nirmala G., Murugesan T.	Experimental investigation of sterculia foetida and moringa oleifera as a coagulant for water and wastewater treatment	Desalination and Water Treatment	122	-	254	259	1.23	https://doi.org/10.5004/dwt.2018.22832
947	Rambabu K., Gokul S., Russel A.S., Sivaramakrishna A., Ponnusami B., Banat F.	Lithium perchlorate modified nanoporous polyethersulfone membranefor improved dye rejection	Desalination and Water Treatment	122	-	146	157	1.23	https://doi.org/10.5004/dwt.2018.22673
948	Shyla H., Saha P., Rao K.V.B.	Biodegradation and decolorization of two different azo dyes, reactive blue 221 and direct black 38, and assessment of the degraded dye metabolites	Desalination and Water Treatment	123	-	338	347	1.23	https://doi.org/10.5004/dwt.2018.22624
949	Babu Ponnusami A., Kumar S., Bansal P.	Biosorption and kinetic studies of malachite green (Mg) dye removal from aqueous solution using a low-cost adsorbent prepared from male palm tree flower (borassus flabellifer)	Desalination and Water Treatment	121	-	213	218	1.23	https://doi.org/10.5004/dwt.2018.22463
950	Thangaiah I.S.S., Sevvel P., Satheesh C., Jaiganesh V.	Investigation on the impingement of parameters of FSW process on the microstructural evolution and mechancial properties of AZ80A Mg alloy joints	FME Transactions	46	1	23	32	1.22	https://doi.org/10.5937/fmet1801023T
951	Dasgupta S.S., Rajan J.A.	Steady-state and transient responses of a flexible eccentric spinning shaft	FME Transactions	46	1	133	137	1.22	https://doi.org/10.5937/fmet1801133D
952	Stephan Thangaiah I.S., Sevvel P., Satheesh C., Mahadevan S.	Experimental study on the role of tool geometry in determining the strength & soundness of wrought Az80a Mg alloy joints during FSW process	FME Transactions	46	4	612	622	1.22	https://doi.org/10.5937/fmet1804612T
953	Satpute J.B., Rajan A.J.	Recent advancement in cooling technologies of solar Photovoltaic (PV) system	FME Transactions	46	4	575	584	1.22	https://doi.org/10.5937/fmet1804575S
954	Prakash Ramachandran., Zachariah C. Alex., Anith Nelleri	Phase reconstruction using compressive two-step parallel phase-shifting digital holography	Optical Engineering	57	4	-	-	1.21	https://www.spiedigitallibrary.org/journals/Optical-Engineering/volume-57/issue-4/043105/Phase-reconstruction-using-compressive-two-step-parallel-phase-shifting-digital/10.1117/1.OE.57.4.043105.short
955	Raj N.M., Kumaraswamidhas L.A., Vendan S.A., Nalajam P.K.	Investigations on Resistance Behavior at the Interface of Ultrasonically Welded Dissimilar Al/Cu Joints	Silicon	-	-	1	7	1.21	https://doi.org/10.1007/s12633-017-9680-4
956	Thomas H.M., Kinahan P.E., Samuel J.J.E., Bowen S.R.	Impact of tumour motion compensation and delineation methods on FDG PET-based dose painting plan quality for NSCLC radiation therapy	Journal of Medical Imaging and Radiation Oncology	62	1	81	90	1.2	https://doi.org/10.1111/1754-9485.12693

957	Abraham, Jayanthi., Silambarasan, Sivagnanam	BIODEGRADATION OF CHLORPYRIFOS AND 3, 5, 6-TRICHLORO-2-PYRIDINOL BY FUNGAL CONSORTIUM ISOLATED FROM PADDY FIELD SOIL.	ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL	17	3	523	528	1.19	http://search.ebscohost.com/login.aspx?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=15829596&AN=128898537&h=zEmgNdQGjqIdf7OdpKqMKKGsME84K55GOEe5jxYbyqOSxIoEhpYgBtgidlvGDY%2FtXYxKkKhel4RiWJJYsOLWog%3D%3D&crl=c
958	Kashyap, Yash; Singh, Apurva; Sekhar, Y. Raja	Exergy Analysis of a Flat Plate Solar Collector With Grooved Absorber Tube Configuration Using Aqueous ZnO-Ethylene Glycol	Journal of Solar Energy Engineering, Transactions of the ASME	140	6	-	-	1.19	https://doi.org/10.1115/1.4040582
959	Poorvasha S., Lakshmi B.	Influence of structural and doping parameter variations on Si and Si 1 - x Ge x double gate tunnel FETs: An analysis for RF performance enhancement	Pramana - Journal of Physics	91	2	-	-	1.19	https://doi.org/10.1007/s12043-018-1577-2
960	Maradani B.S., Gudasalamani R., Setty S., Chandrasekaran R.	Development of microsatellite markers for the resin-yielding, non-timber forest product species Boswellia serrata (Burseraceae)	Applications in Plant Sciences	6	9	-	-	1.18	https://doi.org/10.1002/aps3.1180
961	Nallapu V.	Positivity and Stability of Rational Cubic Fractal Interpolation Surfaces	Mediterranean Journal of Mathematics	15	3	-	-	1.18	https://doi.org/10.1007/s00009-018-1128-6
962	Mustafa N., Mrugusundaramoorthy G., Janani T.	Second Hankel Determinant for a Certain Subclass of Bi-univalent Functions	Mediterranean Journal of Mathematics	15	3	-	-	1.18	https://doi.org/10.1007/s00009-018-1165-1
963	Vijender N.	Fractal Perturbation of Shaped Functions: Convergence Independent of Scaling	Mediterranean Journal of Mathematics	15	6	-	-	1.18	https://doi.org/10.1007/s00009-018-1256-z
964	Kuriachen B., Lijesh K.P., Kuppan P.	Multi Response Optimization and Experimental Investigations into the Impact of Wire EDM on the Tribological Properties of Tiââ€š¬â„¢6Alâ€š¬â„¢4V	Transactions of the Indian Institute of Metals	71	6	1331	1341	1.18	https://doi.org/10.1007/s12666-017-1267-7
965	Pillari L.K., Shukla A.K., Murty S.V.S.N., Umasankar V.	On the Comparison of Graphene and Multi-Wall Carbon Nanotubes as Reinforcements in Aluminum Alloy AA2219 Processed by Ball Milling and Spark Plasma Sintering	Transactions of the Indian Institute of Metals	-	-	1	14	1.18	https://doi.org/10.1007/s12666-017-1245-0
966	Arulmurugan B., Manikandan M.	Improvement of Metallurgical and Mechanical Properties of Gas Tungsten arc Weldments of Alloy 686 by Current Pulsing	Transactions of the Indian Institute of Metals	71	12	2953	2970	1.18	https://doi.org/10.1007/s12666-018-1395-8
967	Vinoth Jebaraj A., Sampath Kumar T., Manikandan M.	Investigation of Structure Property Relationship of the Dissimilar Weld Between Austenitic Stainless Steel 316L and Duplex Stainless Steel 2205	Transactions of the Indian Institute of Metals	71	10	2593	2604	1.18	https://doi.org/10.1007/s12666-018-1392-y
968	Narayanan R., Seshadri S.K.	Structure and Corrosion of High Voltage Anodic Oxide Coatings on Ti6Al4V Biomaterial	Transactions of the Indian Institute of Metals	71	9	2275	2283	1.18	https://doi.org/10.1007/s12666-018-1359-z

969	Muthuchamy A., Annamalai A.R., Karthikeyan M., Thakur A., Nagaraju N., Agrawal D.K.	Microstructural Evolution of Iron Based Alloys Produced by Spark Plasma Sintering Method	Physics of Metals and Metallography	119	7	678	684	1.17	https://doi.org/10.1134/S0031918X18070062
970	Gromiha M., Shanmugam NRS., Selvin JFA., Veluraja K	Identification and analysis of key residues involved in folding and binding of protein-carbohydrate complexes	Protein and Peptide Letters	-	-	-	-	1.17	https://www.ncbi.nlm.nih.gov/pubmed/?term=Identification+and+analysis+of+key+residues+involved+in+folding+and+binding+of+protein-carbohydrate+complexes
971	Konda V.G.R.K., Chejarla V.R., Mandla V.R., Voleti V., Chokkavarapu N.	Vegetation damage assessment due to Hudhud cyclone based on NDVI using Landsat-8 satellite imagery	Arabian Journal of Geosciences	11	3	-	-	1.14	https://doi.org/10.1007/s12517-017-3371-8
972	Parimalarenganayaki S., Elango L.	Quantification of groundwater recharge and river bed clogging by daily water level measurements in a check dam	Arabian Journal of Geosciences	11	8	-	-	1.14	https://doi.org/10.1007/s12517-018-3511-9
973	Konda, Venkata Giri Raj Kumar; Chejarla, Venkatesh Reddy; Mandla, Venkata Ravibabu; Voleti, Vani; Chokkavarapu, Nagaveni	vegetation damage assessment due to Hudhud cyclone based on NDVI using Landsat-8 satellite imagery (vol 11, 35, 2018)	Arabian Journal of Geosciences	11	3	-	-	1.14	-
974	Kanagaraj M., Kokila I.P., Jeniffer R.S., Kumar P.S., Therese H.A., Kumaresavanji M., Sekar C.	Structural Confinement Assisted a Robust Superparamagnetic State in MgNi2O3 and MgNi1.5Co0.5O3 Nanoparticles at Room Temperature	Journal of Superconductivity and Novel Magnetism	31	11	3777	3785	1.13	https://doi.org/10.1007/s10948-018-4652-5
975	Hirthna., Sendhilnathan S., Rajan P.I., Adinaveen T.	Synthesis and Characterization of NiFe2O4 Nanoparticles for the Enhancement of Direct Sunlight Photocatalytic Degradation of Methyl Orange	Journal of Superconductivity and Novel Magnetism	31	10	3315	3322	1.13	https://doi.org/10.1007/s10948-018-4601-3
976	Balaraju B., Kaleemulla S., Rao N.M., Omkaram I., Reddy D.S., Subbaravamma K., Rao G.V.	Effect of Fe Substitution on Microstructure and Magnetic Properties of Ni1âËâ€ ââ,¬â„¢xFexO2 Nanoparticles	Journal of Superconductivity and Novel Magnetism	31	9	2999	3005	1.13	https://doi.org/10.1007/s10948-017-4444-3
977	Chakraborty D., Kaleemulla S.	No Signature of Room Temperature Ferromagnetism in Fe-Doped ITO Thin Films	Journal of Superconductivity and Novel Magnetism	-	-	1	9	1.13	https://doi.org/10.1007/s10948-018-4745-1
978	Kumar K.C., Kaleemulla S., Krishnamoorthi C., Rao N.M., Rao G.V.	Evidence of Room Temperature Ferromagnetism in Zn1âË†â€™xSnxS Thin Films	Journal of Superconductivity and Novel Magnetism	-	-	-	-	1.13	https://doi.org/10.1007/s10948-018-4868-4
979	Sasikala C., Suresh G., Durairaj N., Baskaran I., Sathyaseelan B., Manikandan E., Srinivasan R., Moodley M.K.	Chemical, Morphological, Structural, Optical, and Magnetic Properties of Transition Metal Titanium (Ti)-Doped LaFeO3 Nanoparticles	Journal of Superconductivity and Novel Magnetism	-	-	-	-	1.13	https://doi.org/10.1007/s10948-018-4879-1
980	Zheng H.-T., Wang Z., Wang W., Sangaiah A.K., Xiao X., Zhao C.	Learning-based topic detection using multiple features	Concurrency and Computation Practice and Experience	30	15	-	-	1.13	https://doi.org/10.1002/cpe.4444
981	Kumar N., Tiwari S., Zheng Z., Mishra K.K., Sangaiah A.K.	An efficient and provably secure time-limited key management scheme for outsourced data	Concurrency and Computation Practice and Experience	30	15	4498	4498	1.13	https://doi.org/10.1002/cpe.4498

982	Nivash J.P., Babu L.D.D.	Analyzing the impact of news trends on research publications and scientific collaboration networks	Concurrency and Computation Practice and Experience	-	-	-	-	1.13	https://doi.org/10.1002/cpe.5058
983	Kandasamy S., Cherukuri A.K.	Query expansion using named entity disambiguation for a question-answering system	Concurrency and Computation Practice and Experience	-	-	-	-	1.13	https://doi.org/10.1002/cpe.5119
984	Balamurugan K., Chitra K., Jawahar A.	Reconfigurable routing protocol with optical sphere in FSO MANET	Concurrency and Computation Practice and Experience	-	-	-	-	1.13	https://doi.org/10.1002/cpe.4874
985	Mathur S., Lopez D.	A scaled-down neural conversational model for chatbots	Concurrency and Computation Practice and Experience	-	-	-	-	1.13	https://doi.org/10.1002/cpe.4761
986	Maria Jossy A., Vigneswaran T., Malarvizhi S., Nagarajan K.K.	Characterization and modeling of dual material double gate tunnel field effect transistor using superposition approximation method	Concurrency and Computation Practice and Experience	-	-	-	-	1.13	https://doi.org/10.1002/cpe.4860
987	Prathiba S., Jayaraman G.	Evaluation of the anti-oxidant property and cytotoxic potential of the metabolites extracted from the bacterial isolates from mangrove Forest and saltern regions of South India	Preparative Biochemistry and Biotechnology	-	-	-	-	1.12	https://doi.org/10.1080/10826068.2018.1508038
988	Shamshuddin M.D., Satya Narayana P.V.	Primary and secondary flows on unsteady MHD free convective micropolar fluid flow past an inclined plate in a rotating system: A finite element analysis	Fluid Dynamics and Materials Processing	14	1	57	86	1.11	https://doi.org/10.3970/fdmp.2018.014.057
989	A. Muthuchamy., A. Raja Annamalai., Swati Ghosh Acharyya., Nidhi Nagaraju., Dinesh K Agrawal	Microstructural and Electrochemical behaviour of Aluminium Alloy Composites Produced Using Different Sintering Techniques	Materials Research	21	3	-	-	1.1	http://www.scielo.br/scielo.php?pid=S1516-14392018005015103&script=sci_arttext
990	Vemanaboina, Harinadh; Edison, Gundabattini; Akella, Suresh; Buddu, Ramesh Kumar	Effect of Residual Stresses of GTA Welding for Dissimilar Materials	Materials Research	21	4	-	-	1.1	-
991	Krishnan, Manigandan; Subramaniam, Senthil Kumar	Investigation of Mechanical and Metallurgical Properties of Friction Stir Corner Welded Dissimilar Thickness AA5086-AA6061 Aluminium Alloys	MATERIALS RESEARCH-IBERO-AMERICAN JOURNAL OF MATERIALS	21	4	-	-	1.1	https://doi.org/10.1590/1980-5373-MR-2017-1045
992	Mathew, Ribu; Sankar, A. Ravi	Impact of Isolation and Immobilization Layers on the Electro-Mechanical Response of Piezoresistive Nano Cantilever Sensors	Journal of Nanoscience and Nanotechnology	18	3	1636	1647	1.09	-
993	Jesudoss, S. K.; Vijaya, J. Judith; Siyachidambaram, M.; Kennedy, L. John; Jothiramalingam, R.; Al-Lohedan, Hamad A.	Liquid Phase Catalytic Oxidation of Toluene Over Rich Silica and Alumina Composition of Hierarchical Ordered ZSM-5 Zeolites Prepared Without Organic Templates	Journal of Nanoscience and Nanotechnology	18	8	5367	5379	1.09	-
994	Mathew, Ribu; Sankar, A. Ravi	Piezoresistive Composite Silicon Dioxide Nanocantilever Surface Stress Sensor: Design and Optimization	Journal of Nanoscience and Nanotechnology	18	5	3387	3397	1.09	-

995	Veerachamy, Suganthan; Hameed, Pearlin; Sen, Dwaipayan; Dash, Sitaram; Manivasagam, Geetha	Studies on Mechanical, Biocompatibility and Antibacterial Activity of Plasma Sprayed Nano/Micron Ceramic Bilayered Coatings on Ti-6Al-4V Alloy for Biomedical Application	Journal of Nanoscience and Nanotechnology	18	7	4515	4523	1.09	-
996	Reyathi, S.; Kennedy, L. John; Basha, S. K. Khadheer; Padmanabhan, R.	Synthesis, Structural, Optical and Dielectric Properties of Nanostructured 0-3 PZT/PVDF Composite Films	Journal of Nanoscience and Nanotechnology	18	7	4953	4962	1.09	-
997	Karunanithy, M.; Prabhavathi, G.; Beevi, A. Hameedha; Ibraheem, B. H. Ahmed; Kaviyarasu, K.; Nivetha, S.; Punithavelan, N.; Ayeshamariam, A.; Jayachandran, M.	Nanostructured Metal Tellurides and Their Heterostructures for Thermoelectric Applications-A Review	Journal of Nanoscience and Nanotechnology	18	10	6680	6707	1.09	-
998	M. Sivachidambaram., J. Judith Vijaya., K. Niketha., L. John Kennedy., E. Elanthamilan., J. Princy Merlin	Electrochemical Studies on Tamarindus indica Fruit Shell Bio-Waste Derived Nanoporous Activated Carbons for Supercapacitor Applications	Journal of Nanoscience and Nanotechnology	18	-	1	10	1.09	https://www.researchgate.net/profile/Johnson_Merlin/publication/326413139_Electrochemical_Studies_on_Tamarindus_indica_Fruit_Shell_Bio-Waste_Derived_Nanoporous_Activated_Carbons_for_Supercapacitor_Applications/links/5b4c32ee45851519b4c02aaa/Electrochemica
999	Babu, N.; Neeraja, G.; Raju, C. S. K.	Radiated Unsteady Magnetohydrodynamic Blasius and Sakiadis Flows with Variable Thermal Conductivity	JOURNAL OF ADVANCED PHYSICS	7	2	153	160	1.07	https://doi.org/10.1166/jap.2018.1408
1000	Chaudhari, Mukesh; Kumar, Senthil M.	Reinforcement and Cutting Tools Interaction during MMC Machining - A Review	NANO HYBRIDS AND COMPOSITES	22	-	47	54	1.07	https://doi.org/10.4028/www.scientific.net/NHC.22.47
1001	Jacob, Jobin John; Varalakshmi, R.; Gargi, S.; Jayasri, M. A.; Suthindhiran, K.	Removal of Cr (III) and Ni (II) from tannery effluent using calcium carbonate coated bacterial magnetosomes	NPJ CLEAN WATER	1	-	-	-	1.07	https://doi.org/10.1038/s41545-018-0001-2
1002	Aneesh P.T., Sudha K., Helna A.K., Anilkumar G.	Agarna malayi Tiwari 1952 (Crustacea: Isopoda: Cymothoidae) parasitising the marine fish, tenualosa toli (clupeidae) from India: Re-description/description of parasite life cycle and patterns of occurrence	Zoological Studies	57	-	57	25	1.05	https://doi.org/10.6620/ZS.2018.57-25
1003	B. Vasu., Rama Subba Reddy Gorla., O. Anwar Bég., P. V. S. N. Murthy., V. R. Prasad., Ali Kadir	Unsteady flow of a nanofluid over a sphere with nonlinear Boussinesq approximation	Journal of Thermophysics and Heat Transfer	-	-	-	-	1.05	https://arc.aiaa.org/doi/abs/10.2514/1.T5516
1004	Arunachalam V., Joseph Raj A.N., Hampannavar N., Bidul C.B.	Efficient dual-precision floating-point fused-multiply-add architecture	Microprocessors and Microsystems	57	-	23	31	1.05	https://doi.org/10.1016/j.micpro.2017.12.009
1005	Isaac E.R.H.P., Elias S., Rajagopalan S., Easwarakumar K.S.	Gait Verification System Through Multiperson Signature Matching for Unobtrusive Biometric Authentication	Journal of Signal Processing Systems	-	-	1	15	1.04	https://doi.org/10.1007/s11265-018-1373-8

1006	Mohan A., Malathi M.	Dielectric Relaxation and Thermodynamic Studies of Binary Mixtures of 2-Nitrotoluene with Primary and Secondary Alcohols at Different Temperatures	Journal of Solution Chemistry	47	4	667	683	1.04	https://doi.org/10.1007/s10953-018-0744-x
1007	Vijender N.	Bernstein Fractal Trigonometric Approximation	Acta Applicandae Mathematicae	-	-	1	17	1.04	https://doi.org/10.1007/s10440-018-0182-1
1008	Chakravarthy P.P., Gupta T., Rao R.N.	A numerical scheme for singularly perturbed delay differential equations of convection-diffusion type on an adaptive grid	Mathematical Modelling and Analysis	23	4	686	698	1.04	https://doi.org/10.3846/mma.2018.041
1009	Henning Fernau., Lakshmanan Kuppusamy., Indhumathi Raman	On path-controlled insertionâ€“deletion systems	Acta Informatica	-	-	1	25	1.04	https://link.springer.com/article/10.1007/s00236-018-0312-2
1010	Purushothaman G., Vikas R.	Identification of a feature selection based pattern recognition scheme for finger movement recognition from multichannel EMG signals	Australasian Physical and Engineering Sciences in Medicine	41	2	549	559	1	https://doi.org/10.1007/s13246-018-0646-7
1011	Palla, Penchalaiah; Ansari, Hasan Raza; Tiwari, Durgesh Laxman	Effect of Hexagonal Boron Nitride on Electron-Hole Puddles of Graphene Nanomesh Field Effect Transistor	Journal of Nanoelectronics and Optoelectronics	13	5	687	692	0.99	-
1012	Nivetha, S.; Kaviyarasu, K.; Ayeshamariam, A.; Punithavelan, N.; Perumalsamy, R.; Diallo, A.; Ramalingam, G.; Mohamed, S. B.; Letsholathebe, D.; Magdalene, C. Maria; Jayachandran, M.	Optical and Structural Properties of Fluorine Doped SnO2 on Si (100) for Photovoltaic Application	Journal of Nanoelectronics and Optoelectronics	13	10	1522	1532	0.99	https://doi.org/10.1166/jno.2018.2383
1013	Balamurugan R., Natarajan A.M., Premalatha K.	A New Hybrid Cuckoo Search Algorithm for Biclustering of Microarray Gene-Expression Data	Applied Artificial Intelligence	-	-	-	-	0.99	https://doi.org/10.1080/08839514.2018.1501918
1014	Mithra Noel M., Muthiah-Nakarajan V., Nersisson R.	Accurate Computation of Vocal Tract Filter Parameters Using a Hybrid Genetic Algorithm	Applied Artificial Intelligence	-	-	-	-	0.99	https://doi.org/10.1080/08839514.2018.1560128
1015	Koppala S., Swamiappan S., Gangarajula Y., Xu L., Sadasivuni K.K., Ponnamma D., Rajagopalan V.	Calcium deficiency in hydroxyapatite and its drug delivery applications	Micro and Nano Letters	13	4	562	564	0.98	https://doi.org/10.1049/mnl.2016.0675
1016	Upadhyay A., Karpagam S.	Investigation of Photophysical Properties on Carbazole and Pyrazine Based Conjugated Polymer: Excellent Fluorescence Sensing Towards to Cadmium Ion	Polymer science	60	5	599	611	0.98	https://doi.org/10.1134/S0965545X18050127
1017	Ganesan A.	Fault tolerant supergraphs with automorphisms	Discrete Applied Mathematics	-	-	-	-	0.98	https://doi.org/10.1016/j.dam.2018.06.012
1018	Prabukumar M., Sawant S., Samiappan S., Agilandeeswari L.	Three-dimensional discrete cosine transform-based feature extraction for hyperspectral image classification	Journal of Applied Polymer Science	12	4	-	-	0.97	https://doi.org/10.1117/1.JRS.12.046010
1019	Prabukumar M., Shrutika S.	Band clustering using expectation-maximization algorithm and weighted average fusion-based feature extraction for hyperspectral image classification	Journal of Applied Polymer Science	12	4	-	-	0.97	https://doi.org/10.1117/1.JRS.12.046015
1020	Ramya S., Srinivasa Rao I.	An ultra-thin compact wideband metamaterial absorber	Radioengineering	27	2	364	372	0.97	https://doi.org/10.13164/re.2018.0364

1021	Palappan A., Thangavelu J.	A new meta heuristic dragonfly optimizaion algorithm for optimal reactive power dispatch problem	Gazi University Journal of Science	31	4	1107	1121	0.94	https://www.researchgate.net/publication/329873688_A_new_meta_heuristic_dragonfly_optimizaion_algorithm_for_optimal_reactive_power_dispatch_problem
1022	Sasipriya P., Bhaaskaran V.S.K.	Design of Low Power VLSI Circuits Using Two Phase Adiabatic Dynamic Logic (2PADL)	Journal of Circuits, Systems and Computers	-	-	-	-	0.94	https://doi.org/10.1142/S0218126618500524
1023	Bagubali A., Verma T., Anand A., Prithiviraj V., Mallick P.S.	Performance Analysis of Handover Schemes in Heterogeneous Networks	Journal of Circuits, Systems and Computers	-	-	-	-	0.94	https://doi.org/10.1142/S0218126618501773
1024	Karthikeyan A., Mallick P.S.	Body-Biased Subthreshold Bootstrapped CMOS Driver	Journal of Circuits, Systems and Computers	-	-	-	-	0.94	https://doi.org/10.1142/S0218126619500518
1025	Jindal S.K., Aditya Varma M., Thukral D.	Study of MEMS Touch-Mode Capacitive Pressure Sensor Utilizing Flexible SiC Circular Diaphragm: Robust Design, Theoretical Modeling, Numerical Simulation and Performance Comparison	Journal of Circuits, Systems and Computers	-	-	-	-	0.94	https://doi.org/10.1142/S0218126619502062
1026	D Anandkumar., RG Sangeetha., D Anandkumar., RG Sangeetha	Emulation of free space optical link in weak atmospheric turbulence	Microwave and Optical Technology Letters	60	5	1085	1092	0.93	https://onlinelibrary.wiley.com/doi/abs/10.1002/mop.31116
1027	Anitha G., Usha Kiran K.	Miniaturized switched line MEMS phase shifter	Microwave and Optical Technology Letters	60	6	1526	1531	0.93	https://doi.org/10.1002/mop.31199
1028	Mishra S., Yadav V., Hemanth C., Sangeetha R.G.	Hardware implementation of optical switching node for data center networks	Microwave and Optical Technology Letters	-	-	-	-	0.93	https://doi.org/10.1002/mop.31630
1029	Tamrakar M., Usha Kiran K.	Bandwidth enhancing method using tri-ring resonator metamaterial for small devices	Microwave and Optical Technology Letters	-	-	-	-	0.93	https://doi.org/10.1002/mop.31701
1030	Dwivedi R.P., Kommuri U.K.	Compact high gain UWB antenna using fractal geometry and UWB-AMC	Microwave and Optical Technology Letters	-	-	-	-	0.93	https://doi.org/10.1002/mop.31602
1031	Sarode P., Nandhini R.	Intelligent Query-Based Data Aggregation Model and Optimized Query Ordering for Efficient Wireless Sensor Network	Wireless Personal Communications	-	-	1	21	0.93	https://doi.org/10.1007/s11277-018-5646-0
1032	Das G.C., Prasad B., Bhowmick A., Roy S.D., Kundu S.	Performance of an Energy harvesting Cooperative Cognitive Radio Network with Hybrid Spectrum Access Scheme	Wireless Personal Communications	99	4	1503	1520	0.93	https://doi.org/10.1007/s11277-018-5289-1
1033	Rawal B.S., Vijayakumar V., Manogaran G., Varatharajan R., Chilamkurti N.	Secure Disintegration Protocol for Privacy Preserving Cloud Storage	Wireless Personal Communications	-	-	1	17	0.93	https://doi.org/10.1007/s11277-018-5284-6
1034	Sugumaran S., Arulmozhivarman P.	A Novel Cognitive Optimization for the Eradiction of Non-linearity Effects by FWM in Radio-Over Fiber Systems	Wireless Personal Communications	102	4	3225	3237	0.93	https://doi.org/10.1007/s11277-018-5364-7
1035	Rama Prabha K.P., Jeyanthi N.	A Trust and Fuzzy Cluster Based Dynamic Secure Routing Algorithm for Mobile Ad Hoc Networks	Wireless Personal Communications	98	3	2959	2974	0.93	https://doi.org/10.1007/s11277-017-5010-9
1036	Nachimuthu Sangeetha Priya., R. Sasikala., Srinivasan Alavandar., L. Bharathi	Security Aware Trusted Cluster Based Routing Protocol for Wireless Body Sensor Networks	Wireless Personal Communications	-	-	1	19	0.93	https://link.springer.com/article/10.1007/s11277-018-5374-5
1037	Rajkumar R., Kommuri U.K.	A Triangular Complementary Split Ring Resonator Based Compact Metamaterial Antenna for Multiband Operation	Wireless Personal Communications	-	-	1	15	0.93	https://doi.org/10.1007/s11277-018-5749-7

1038	Kumar A., Chattree G., Periyasamy S.	Smart Healthcare Monitoring System	Wireless Personal Communications	-	-	1	11	0.93	https://doi.org/10.1007/s11277-018-5699-0
1039	Senthil Murugan N., Usha Devi G.	Detecting Streaming of Twitter Spam Using Hybrid Method	Wireless Personal Communications	-	-	1	22	0.93	https://doi.org/10.1007/s11277-018-5513-z
1040	Gandhi U.D., Kumar P.M., Varatharajan R., Manogaran G., Sundarasekar R., Kadu S.	HIoTPOT: Surveillance on IoT Devices against Recent Threats	Wireless Personal Communications	-	-	1	16	0.93	https://doi.org/10.1007/s11277-018-5307-3
1041	Chitra E., Vigneswaran T., Malarvizhi S.	Analysis and Implementation of High Performance Reconfigurable Finite Impulse Response Filter Using Distributed Arithmetic	Wireless Personal Communications	102	4	3413	3425	0.93	https://doi.org/10.1007/s11277-018-5375-4
1042	Mohan D., Amalanathan G.M.	A Survey on Long Term Evolution Scheduling in Data Mining	Wireless Personal Communications	102	3	2363	2387	0.93	https://doi.org/10.1007/s11277-018-5909-9
1043	Khan I., Kalainathan S., Baig M.I., Shkir M., Alfaify S., Ghramh H.A., Anis M.	Linear-nonlinear optical, dielectric and surface microscopic investigation of KH2PO4 crystal to uncover the decisive impact of dopant glycine	Materials Science- Poland	-	-	-	-	0.92	https://doi.org/10.2478/msp-2018-0073
1044	Ansari A.R., Hussain S., Imran M., Al-Ghamdi A.A., Chandan M.R.	Optical investigations of microwave induced synthesis of zinc oxide thin-film	Materials Science- Poland	36	2	304	309	0.92	https://doi.org/10.1515/msp-2018-0041
1045	Malathi K., Ramaiah S.	Bioinformatics approaches for new drug discovery: a review	Biotechnology and Genetic Engineering Reviews	34	2	243	260	0.92	https://doi.org/10.1080/02648725.2018.1502984
1046	Narendiranath Babu T., Aravind A., Rakesh A., Jahzan M., Rama Prabha D.	Application of EMD ANN and DNN for self-aligning bearing fault diagnosis	Archives of Acoustics	43	2	163	175	0.9	https://doi.org/10.24425/122364
1047	Babu, Narendiranath T.; Aravind, Arun; Rakesh, Abhishek; Jahzan, Mohamed; Prabha, Rama D.; Ramalinga Viswanathan, Mangalaraja	Automatic Fault Classification for Journal Bearings Using ANN and DNN	Archives of Acoustics	43	4	727	738	0.9	https://doi.org/10.24425/aoa.2018.125166
1048	Surajvanshikumar Suvarna., Janice Dsouza., Mangala Lakshmi Ragavan., Nilanjana Das	Potential probiotic characterization and effect of encapsulation of probiotic yeast strains on survival in simulated gastrointestinal tract condition	Food Science and Biotechnology	-	-	1	9	0.89	https://link.springer.com/article/10.1007/s10068-018-0310-8
1049	Balapattabi S.R., Mahalingam P.	A Novel Compact Hybrid Converter for DC Distribution	Electric Power Components and Systems	46	43810	1275	1287	0.89	https://doi.org/10.1080/15325008.2018.1437485
1050	Srimathi R., Hemamalini S.	LED Boost Driver Topologies for Low Voltage DC Distribution Systems in Smart Structured Buildings	Electric Power Components and Systems	-	-	-	-	0.89	https://doi.org/10.1080/15325008.2018.1488301
1051	Sivaraja C.M., Sakthivel G., Warke V.R.	Selection of optimum fuel blend to empower the energy efficiency in IC engine using decision system	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	-	-	1	16	0.89	https://doi.org/10.1080/15567036.2018.1454551
1052	Nivedha S., Ramesh Babu P., Senthilnathan K.	Surface plasmon resonance: Physics and technology	Current Science	115	1	56	63	0.88	https://doi.org/10.18520/cs/v115/i1/56-63
1053	Sreeja S., Manoharan A., Venkataraman K.	Oxidized lipoproteins as the diagnostic target for cardiovascular diseases	Current Science	115	7	1276	1286	0.88	https://doi.org/10.18520/cs/v115/i7/1276-1286

1054	Rajalakshmi M., Ghosh M.	Modeling treatment of cancer using virotherapy with generalized logistic growth of tumor cells	Stochastic Analysis and Applications	-	-	-	-	0.88	https://doi.org/10.1080/07362994.2018.1535319
1055	Geethika E., Triveni H.N., Srirama R., Siva R., Setty S., Ravikanth G.	Development and characterization of microsatellite markers for Phyllanthus emblica Linn., important nontimber forest product species	Journal of Genetics	97	4	1001	1006	0.83	https://doi.org/10.1007/s12041-018-0979-8
1056	Shalu M.A., Vijayakumar S., Yamini S.D., Sandhya T.P.	On the algorithmic aspects of strong subcoloring	Journal of Combinatorial Optimization	35	4	1312	1329	0.82	https://doi.org/10.1007/s10878-018-0272-z
1057	Mishra V.N., Patel P., Mishra L.N.	The Integral Type Modification of Jain Operators and its Approximation Properties	Numerical Functional Analysis and Optimization	39	12	1265	1277	0.82	https://doi.org/10.1080/01630563.2018.1477796
1058	Shoba, Sundaramoorthy; Sasikumar, Kandasamy; Sathiavelu, Mythili	Isolation of isosativenetriol from endophytic fungus Cochliobolus spp. of Aerva lanata	Bangladesh Journal of Pharmacology	13	1	57	58	0.81	-
1059	Gunasekaran Shylaja., Kandasamy Sasikumar., Arunachalam Sathiavelu	Antimycobacterial potential of resorcinol type lipid isolated from Chaetomium cupreum, an endophytic fungus from Mussaenda luteola	Bangladesh Journal of Pharmacology	13	-	114	119	0.81	https://www.banglajol.info/index.php/BJP/article/view/34860
1060	Gunasekaran Shylaja., Kandasamy Sasikumar., Arunachalam Sathiavelu	Antimycobacterial and anti-oxidant potential of the bioactive metabolite isolated from the endophytic fungus Daldinia eschscholtzii	Bangladesh Journal of Pharmacology	13	4	330	331	0.81	https://www.banglajol.info/index.php/BJP/article/download/38593/26346
1061	Subramanyam Deepika., Chinnadurai Immanuel Selvaraj., Moorthy Anbalagan	Phytochemical characterization and cancer cell line cytotoxicity of Clitoria ternatea	Bangladesh Journal of Pharmacology	13	-	349	352	0.81	https://www.banglajol.info/index.php/BJP/article/download/38612/26484
1062	Suresh M.C.V., Belwin Edward J.	Optimal placement of DG units for loss reduction in distribution systems using one rank cuckoo search algorithm	International Journal of Grid and Distributed Computing	11	1	37	44	0.79	https://doi.org/10.14257/ijgdc.2018.11.1.04
1063	Praveen K., Abinandan S., Natarajan R., Kavitha M.S.	Biochemical responses from biomass of isolated Chlorella sp., under different cultivation modes: Non-linear modelling of growth kinetics	Brazilian Journal of Chemical Engineering	35	2	489	496	0.79	https://doi.org/10.1590/0104-6632.20180352s20170188
1064	Rajalakshmi R., Aravindan C.	A Naive Bayes approach for URL classification with supervised feature selection and rejection framework	Computational Intelligence	34	1	363	396	0.78	https://doi.org/10.1111/coin.12158
1065	Vickram A.S., Anbarasu K., Rao K.A., Jayanthi S., Sridharan T.B.	Identification and in silico characterization of semenogelin II protein in semen-a marker for diagnosis of male infertility	Current Proteomics	15	4	313	319	0.77	https://doi.org/10.2174/1570164615666180717145101
1066	SARAVANAKUMAR D	Chitosan-Cu-salen/Carbon Nano-Composite Based Electrode for the Enzyme-less Electrochemical Sensing of Hydrogen Peroxide	Journal of Electrochemical Science and Technology	-	-	-	-	0.76	http://jecst.org/
1067	Sarkar G., Jatar N., Goswami P., Cyriac R., Suthindhiran K., Jayasri M.A.	Combination of different marine algal extracts as biostimulant and biofungicide	Journal of Plant Nutrition	41	9	1163	1171	0.75	https://doi.org/10.1080/01904167.2018.1434201
1068	Deshmukh A.R., Venkatachalam G., Saraf M.R.	Fatigue life prediction of joggle weld joint using virtual strain gauge and its validation through experiments	Mechanics and Industry	19	6	-	-	0.75	https://doi.org/10.1051/meca/2018047

1069	J Jayashree., S Ananda Kumar	Linear Discriminant Analysis Based Genetic Algorithm with Generalized Regression Neural Network â€“ A Hybrid Expert System for Diagnosis of Diabetes	Programming and Computer Software	44	6	417	427	0.75	https://link.springer.com/article/10.1134/S0361768818060063
1070	RANI K.V., SARMA B., SARMA A.	PLASMA PRETREATMENT ON TASAR SILK FABRICS COATED WITH ZnO NANOPARTICLES AGAINST ANTIBACTERIAL ACTIVITY	Surface Review and Letters	-	-	-	-	0.75	https://doi.org/10.1142/S0218625X18501937
1071	Radhika V., Jahangiri J.M., Sivasubramanian S., Murugusundaramoorthy G.	Toeplitz matrices whose elements are coefficients of BazileviÄÂ functions	Open Mathematics	16	1	1161	1169	0.73	https://doi.org/10.1515/math-2018-0093
1072	Liu, Xiao-lan; Zhou, Mi; Mishra, Lakshmi Narayan; Mishra, Vishnu Narayan; Damjanoyic, Bosko	Common fixed point theorem of six self-mappings in Menger spaces using (CLRST) property	Open Mathematics	16	-	1423	1434	0.73	https://doi.org/10.1515/math-2018-0120
1073	Subbu Lakshmi E., kiran yarrakula	Review and critical analysis on digital elevation models	Geofizika	35	-	1	40	0.71	https://hrcak.srce.hr/file/307409
1074	Subramani K., Alagarsamy S.K., Chinnaiyan P., Chinnaiyan S.N.	Studies on testing and modelling of formability in aluminium alloy sheet forming	Transactions of Famena	42	2	67	82	0.7	https://doi.org/10.21278/TOF.42206
1075	Chinnusamy S., Shaikh N.I., Dangate M.S.	Impact of t-butyl group on the singlet-triplet energy gap via weak orbital overlap of [1,2,5]-thiadiazolo[3,4-C] pyridine-based TADF emitters: Structural modification	Journal of Theoretical and Computational Chemistry	17	7	-	-	0.68	https://doi.org/10.1142/S0219633618500487
1076	Abraham, Jayanthi; Silambarasan, Sivagnanam	BIODEGRADATION OF CARBENDAZIM BY RHODOCOCCUS ERYTHROPOLIS AND ITS PLANT GROWTH-PROMOTING TRAITS	BIOLOGY AND ENVIRONMENT-PROCEEDINGS OF THE ROYAL IRISH ACADEMY	118B	2	69	80	0.68	https://doi.org/10.3318/BIOE.2018.07
1077	Shanmuga Priya T., Thirumalini S.	Evaluation of strength and durability of natural fibre reinforced high strength concrete with M-sand	Revista Romana de Materiale/ Romanian Journal of Materials	48	4	483	490	0.63	
1078	Murali G., Karthikeyan K., Haridharan M.K.	Statistical scrutiny of variations in impact strength of green high performance fibre reinforced concrete subjected to drop weight test	REVISTA ROMANA DE MATERIALE-ROMANIAN JOURNAL OF MATERIALS	48	2	214	221	0.63	https://search.proquest.com/openview/6b1d82115e41c7f0c3103f208d5e8d25/1?pq-origsite=gscholar&cbl=1216365
1079	Dhandapani L., Abdulkareem P., Muthu R.	Two-area load frequency control with redox ow battery using intelligent algorithms in a restructured scenario	Turkish Journal of Electrical Engineering and Computer Sciences	26	1	330	346	0.63	https://doi.org/10.3906/elk-1512-298
1080	VVS SATTI., S SRIADIBHATLA	Hybrid self controlled precharge free CAM design for low power and high performance	Turkish Journal of Electrical Engineering and Computer Sciences	-	-	-	-	0.63	http://online.journals.tubitak.gov.tr/openAcceptedDocument.htm?fileID=1077970&no=245104
1081	Zheng H.-T., Han J., Chen J., Sangaiah A.K.	A novel framework for automatic Chinese question generation based on multi-feature neural network model	Computer Science and Information Systems	15	3	487	499	0.62	https://doi.org/10.2298/CSIS171121018Z
1082	Thiagarajan K., Gamit N., Mandal S., Ayyathan D.M., Chandrasekaran R.	Amelioration of methylmercury induced neural damage by essential oil of Selinum vaginatum (Edgew) C. B. Clarke	Pakistan Journal of Pharmaceutical Sciences	31	2	399	404	0.6	https://pdfs.semanticscholar.org/674f/df29a0683bbf5684e5150fdf3a2fd5c27b90.pdf

1083	CHINMAYA PRASAD MOHANTY., MANTRA PRASAD SATPATHY., SIBA SANKAR MAHAPATRA., MANAS RANJAN SINGH	Optimization of cryo-treated EDM variables using TOPSIS-based TLBO algorithm	Sadhana - Academy Proceedings in Engineering Sciences	-	-	43	53	0.59	https://link.springer.com/article/10.1007/s12046-018-0829-7
1084	Arulmurugan B., Agilan M., Jerome S., Arivarasu M., Manikandan M., Srikanth A., Arivazhagan N.	Investigation of metallurgical and mechanical properties of 21st century nickel-based superalloy 686 by electron beam welding technique	Sadhana - Academy Proceedings in Engineering Sciences	43	117	-	-	0.59	https://doi.org/10.1007/s12046-018-0850-x
1085	Satish Reddy M., Neeraja D.	Aluminum residue waste for possible utilisation as a material: a review	Sadhana - Academy Proceedings in Engineering Sciences	43	8	-	-	0.59	https://doi.org/10.1007/s12046-018-0866-2
1086	Phull D.K., Kumar G.B.	Ameliorated language modelling for lecture speech recognition of Indian English	Sadhana - Academy Proceedings in Engineering Sciences	43	12	-	-	0.59	https://doi.org/10.1007/s12046-018-0976-x
1087	Patil N.G., Hotta T.K.	Role of working fluids on the cooling of discrete heated modules: a numerical approach	Sadhana - Academy Proceedings in Engineering Sciences	43	11	-	-	0.59	https://doi.org/10.1007/s12046-018-0950-7
1088	Nithin Joseph Reddy S.A., Thrinadh E., Prabhakaran S., Kalainathan S., Arivazhagan N., Manikandan M.	Surface modification technique to enhance metallurgical and mechanical properties of alloy C-276 weldment by laser shock peening without coating	Sadhana - Academy Proceedings in Engineering Sciences	43	12	-	-	0.59	https://doi.org/10.1007/s12046-018-0959-y
1089	Uma Sathyakam P., Mallick P.S.	Future dielectric materials for CNT interconnects - Possibilities and challenges	Journal of Nano Research	52	-	21	42	0.59	https://doi.org/10.4028/www.scientific.net/JNanoR.52.21
1090	Nivethika, S. Deepa; Sreeja, B. S.; Manikandan, E.; Radha, S.; Senthilpandian, M.	Lycra fabric as an effective stretchable substrate for a compact highly efficient reversibly deformable broadband patch antenna	Journal of Optoelectronics and Advanced Materials	20	43781	634	641	0.59	https://www.researchgate.net/publication/330557460_Lycra_fabric_as_an_effective_stretchable_substrate_for_a_compact_highly_efficient_reversibly_deformable_broadband_patch_antenna
1091	Rajadurai M., Annamalai A.R.	Effect of Sn addition on the microstructural characteristics and mechanical properties of the titanium alloy (Ti6Al4V)	Kovove Materialy	56	3	191	198	0.59	https://doi.org/10.4149/km_2018_3_191
1092	Lakshman Naik Popavath., Palanisamy Kaliannan	Photovoltaic-STATCOM with Low Voltage Ride through Strategy and Power Quality Enhancement in a Grid Integrated Wind-PV System	Electronics (Switzerland)	7	4	51	-	0.58	http://www.mdpi.com/2079-9292/7/4/51
1093	S. Arul Xavier Stango., U. Vijayalakshmi., S.ARUL XAVIER STANGO., U.vijayalakshmi	Studies on corrosion inhibitory effect and adsorption behavior of waste materials on mild steel in acidic medium	Journal of Asian Ceramic Societies	-	-	-	-	0.58	https://www.tandfonline.com/doi/abs/10.1080/21870764.2018.1439608
1094	Ahuja O., Kasthuri M., Murugusundaramoorthy G., Vijaya K.	Upper bounds of second hankel determinant for universally prestarlike functions	Journal of the Korean Mathematical Society	55	5	1019	1030	0.58	https://doi.org/10.4134/JKMS.j160143
1095	Muthuchamy A., Patel P., Rajadurai M., Chaurisiya J.K., Annamalai A.R.	Influence of sintering temperature on mechanical properties of spark plasma sintered prealloyed Ti-6Al-4 v powder	Materialpruefung/Materials Testing	60	3	283	288	0.57	https://doi.org/10.3139/120.111149

1096	Mandal S.K., Das N.	Phyto-mycoremediation of benzo[a]pyrene in soil by combining the role of yeast consortium and sunflower plant	Journal of Environmental Biology	39	2	261	268	0.56	https://doi.org/10.22438/jeb/39/2/MRN-638
1097	Mandal S.K., Das N.	Biodegradation of perylene and benzo [ghi] perylene (5-6 rings) using yeast consortium: Kinetic study, enzyme analysis and degradation pathway	Journal of Environmental Biology	39	1	5	15	0.56	https://doi.org/10.22438/jeb/39/1/MRN-540
1098	Manikandan S., Sundari A., Sabari Girisun T.C., Vinitha G.	Optical limiting action of 2-amino 5-nitro pyridinium chloride crystal for laser safety devices	Molecular Crystals and Liquid Crystals	669	1	114	125	0.56	https://doi.org/10.1080/15421406.2018.1562612
1099	Elangovan K., Senthil A., Vinitha G.	Growth and characterization of Imidazolium adipate (IA) single crystal	Molecular Crystals and Liquid Crystals	668	1	118	131	0.56	https://doi.org/10.1080/15421406.2018.1549200
1100	Ahamed S.R., Srinivasan P., Balaji J., Balakrishnan C., Vinitha G.	Structural, theoretical, and third-order nonlinear optical investigations of Nâ€™-[(E)-(4-bromophenyl)(phenyl)methylidene]â€“4-methylbenzenesulfonohydrazide	Molecular Crystals and Liquid Crystals	665	1	194	206	0.56	https://doi.org/10.1080/15421406.2018.1490083
1101	K. Mathan., Priyan Malarvizhi Kumar., Parthasarathy Panchatcharam., Gunasekaran Manogaran., R. Varadharajan	A novel Gini index decision tree data mining method with neural network classifiers for prediction of heart disease	Design Automation for Embedded Systems	-	-	1	17	0.56	https://link.springer.com/article/10.1007/s10617-018-9205-4
1102	Kumar V.S., Rajan C., Divya P., Sasikumar S.	Adverse effects on consumer's health caused by hormones administered in cattle	International Food Research Journal	25	1	1	10	0.55	http://www.ifrj.upm.edu.my/25%20(01)%202018/(1).pdf
1103	Sathya Prabhu D., Devi Rajeswari V.	Nutritional and Biological properties of Vicia faba L.: A perspective review	International Food Research Journal	25	4	1332	1340	0.55	http://www.ifrj.upm.edu.my/25%20(04)%202018/(2).pdf
1104	Prabhu, Sathya D.; Apoorva, S.; Nandita, J.; Chamy, Palani; Rajeswari, Devi, V	Purification of protease enzyme from the leaf, seed and pod samples of Vicia faba L.	International Food Research Journal	25	5	1904	1911	0.55	https://www.researchgate.net/publication/328760034_Purification_of_protease_enzyme_from_the_leaf_seed_and_pod_samples_of_Vicia_faba_L
1105	Reddy, R.; Palla, P.; Kumar, V.	A Triple Band Flexible Antenna Using Multi-Layer Graphene Patch and Polymer Substrate	Journal of Scientific and Industrial Research	77	7	394	398	0.53	http://nopr.niscair.res.in/handle/123456789/44674
1106	Reshmi, T. R.; Murugan, K.	Enhanced Passive Duplicate Address Detection (EPDAD) for Autoconfiguration in MANETs	JOURNAL OF INFORMATION SCIENCE AND ENGINEERING	34	4	821	833	0.53	-
1107	Murugesan G., Nandan K.R., Kalainathan S.	Rietveld refinement of X-ray powder diffraction data of Ca0.925Ce0.075Mn0.9Fe0.1O3 polycrystalline material	Powder Diffraction	33	4	303	305	0.51	https://doi.org/10.1017/S0885715618000611
1108	Anitha, K.; Srinivas, M. N.; Madhusudanan, V	STOCHASTIC AND DELAY ANALYSIS OF TWO PREYS AND ONE PREDATOR ECOLOGICAL SYSTEM WITH COMPETITION AMONG PREYS AND SELF INTERACTION	DYNAMIC SYSTEMS AND APPLICATIONS	27	2	201	224	0.5	-
1109	Nashine H.K., Yang H.E., Agarwal R.P.	Fractional evolution equations with nonlocal conditions in partially ordered banach space	Carpathian Journal of Mathematics	34	3	379	390	0.49	https://www.researchgate.net/publication/328599939_Fractional_evolution_equations_with_nonlocal_conditions_in_partially_ordered_banach_space

1110	Sahoo, Suban K.; Sharma, Darshna; Moirangthem, Anuradha; Basu, Anupam; Kumar, Ashok S. K.; Patil, Umesh D.	Fluoride selective chemosensor derived from vitamin B-6 cofactor pyridoxal	INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY	57	5	619	625	0.48	http://nopr.niscair.res.in/handle/123456789/44395
1111	Vijayaraghavan G., Shanthakumar S.	Effective removal of acid black 1 dye in textile effluent using alginate from brown algae as a coagulant	Iranian Journal of Chemistry and Chemical Engineering	37	4	145	151	0.46	
1112	Gowtham M., Asharani I.V., Paridhavi M.	Antidiabetic activity of compounds isolated from the roots of Premna latifolia Roxb	Tropical Journal of Pharmaceutical Research	17	5	795	802	0.44	https://doi.org/10.4314/tjpr.v17i5.7
1113	Bharathi R.S., Shanmugam N.S., Kannan R.M., Vendan S.A.	Studies on the Parametric Effects of Plasma Arc Welding of 2205 Duplex Stainless Steel	High Temperature Materials and Processes	37	3	219	232	0.43	https://doi.org/10.1515/htmp-2016-0087
1114	Gopalakrishna Gadiyar H., Padma R.	The Discrete Logarithm Problem Over Prime Fields: The Safe Prime Case. The Smart Attack, Non-Canonical Lifts and Logarithmic Derivatives	Czechoslovak Mathematical Journal	-	-	1	10	0.42	https://doi.org/10.21136/CMJ.2018.0128-17
1115	TK Hotta., PS Harshna., SP Venkateshan	Experimental Investigation of Mixed Convection and Surface Radiation Heat Transfer from Protruding Discrete Heat Sources Mounted on a Vertical Channel	Heat Transfer Research	-	-	-	-	0.4	http://www.dl.begellhouse.com/journals/46784ef93dddff27,forthcoming,21728.html
1116	Muthuchamy A., Raja Annamalai A.	Effect of TiC Addition and Heating Mode on the Electrochemical Response of Powder Metallurgy Processed Corrosion-Resistant Austenitic and Ferritic Steels	Metal Science and Heat Treatment	60	43102	121	127	0.38	https://doi.org/10.1007/s11041-018-0249-7
1117	Ramanathan R., Mallick P.S., Sundarajan Jayaraman T.	Low complexity compressive sensing greedy detection of generalized quadrature spatial modulation	IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences	E101A	3	632	635	0.37	https://doi.org/10.1587/transfun.E101.A.632
1118	Sarveswari S., Vijayakumar V.	A facile synthesis of diaylureas and their antimicrobial evaluation	Chiang Mai Journal of Science	45	2	997	1007	0.34	http://www.thaiscience.info/Journals/Article/CMJS/10989355.pdf
1119	Subathra Devi C., Shankar R., Kumar S., Mohanasrinivasan V., Vaishnavi B.	Production of Keratinase from a Newly Isolated Feather Degrading Bacillus cereus VITSDVM4 from Poultry Waste	National Academy Science Letters	41	5	307	311	0.33	https://doi.org/10.1007/s40009-018-0664-8
1120	Kalaivani T., Rajasekaran C., Shalini M., Vijayakumar V., Pandey D.P., Mathew L.	Structural Elucidation and Antioxidant Activity of Ethyl Gallate Isolated from Acacia nilotica (L.) Wild. ex. Delile subsp. indica (Benth.) Brenan	National Academy Science Letters	41	6	355	359	0.33	https://doi.org/10.1007/s40009-018-0725-z
1121	U. Kanimozhi., S. Ganapathy., D. Manjula., A. Kannan	An Intelligent Risk Prediction System for Breast Cancer Using Fuzzy Temporal Rules	National Academy Science Letters	-	-	1	6	0.33	https://link.springer.com/article/10.1007/s40009-018-0732-0
1122	Wang J., Ju C., Gao Y., Sangaiah A.K., Kim G.-J.	A PSO based energy efficient coverage control algorithm for wireless sensor networks	Computers, Materials and Continua	56	3	433	446	0.33	https://doi.org/10.3970/cmc.2018.04132
1123	Soumya J., Khora Samanta S.	Seasonal variation in toxicity of puffer fish, arothron immaculatus, chelonodon patoca and lagocephalus scleratus along tamil nadu coast	Indian Journal of Geo-Marine Sciences	47	1	231	239	0.28	http://nopr.niscair.res.in/handle/123456789/43432

1124	Suresh D., Collins Johnny J., Jayaprasad B.K., Yarrakula K., Vaishnavi B., Bobba G.	Morphometric analysis for identification of groundwater recharge zones: A case study of Neyyar river basin	Indian Journal of Geo-Marine Sciences	47	10	1969	1979	0.28	https://www.researchgate.net/publication/328214598_Morphometric_analysis_for_identification_of_groundwater_recharge_zones_A_case_study_of_Neyyar_river_basin
1125	Vartak V.R., Rajendran N., Lakra W.S.	Morphometric and phylogenetic analysis of Portunid crabs, Portunus reticulatus (Herbst, 1799) and Portunus pelagicus (Linnaeus, 1758) from the west coast of India	Indian Journal of Geo-Marine Sciences	47	10	2094	2099	0.28	https://www.researchgate.net/publication/328695653_Morphometric_and_phylogenetic_analysis_of_Portunid_crabs_Portunus_reticulatus_Herbst_1799_and_Portunus_pelagicus_Linnaeus_1758_from_the_west_coast_of_India
1126	Suresh D., Yarrakula K.	Subsidence monitoring techniques in coal mining: Indian scenario	Indian Journal of Geo-Marine Sciences	47	10	1918	1933	0.28	http://nopr.niscair.res.in/handle/123456789/45170
1127	Vigneshkumar M., Yarrakula K.	Titanium metal identification in southern region of Tamil Nadu using hyperspectral imagery	Indian Journal of Geo-Marine Sciences	47	10	2100	2105	0.28	http://nopr.niscair.res.in/handle/123456789/45150
1128	Fernau, Henning; Kuppusamy, Lakshmanan; Raman, Indhumathi	ON DESCRIBING THE REGULAR CLOSURE OF THE LINEAR LANGUAGES WITH GRAPH-CONTROLLED INSERTION-DELETION SYSTEMS	RAIRO-THEORETICAL INFORMATICS AND APPLICATIONS	52	1	1	21	0.28	-
1129	Prabaharan N., Arun V., Chinnadurai T., Arulkumar K., Jerin A.R.A., Palanisamy K.	Analysis of symmetric multilevel inverter using unipolar pulse width modulation for photovoltaic application	Comptes Rendus de L Academie Bulgare des Sciences	71	2	252	260	0.27	https://doi.org/10.1784/insi.2017.59.2.93
1130	Lal A.M., Abdulla A.A., Dennisan A.	Remote sensing image restoration for environmental applications using estimated parameters	Comptes Rendus de L Academie Bulgare des Sciences	71	8	1095	1101	0.27	https://doi.org/10.7546/CRABS.2018.08.11
1131	Nabila M.I., Kannabiran K.	Antagonistic activity of terrestrial streptomyces sp. Vitnk9 against gram negative bacterial pathogens affecting the fish and shellfish in aquaculture [Actividad antagonista de streptomyces sp. Vitnk9 contra patÃ³genos bacterianos gram negativos que afect	Revista de Biologia Marina y Oceanografia	53	2	171	183	0.26	https://doi.org/10.22370/rbmo.2018.53.2.1291
1132	Mandal, Badal Kumar	Potential applications of nanotechnology in the management of environment and pollution control	Journal of the Indian Chemical Society	95	6	591	598	0.16	http://indianchemicalsociety.com/journal/docs/June2018Abstract.pdf