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h-index = 24 (Of the 184 documents considered for the h-index, 27 have been cited at least 27 times.)

S. No	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end	Page count	Cited by	DOI	Link	Document Type	Publication Stage
1	Arora, C., Soni, S., Sahu, S., Mittal, J., Kumar, P., Bajpai, P.K.	Iron based metal organic framework for efficient removal of methylene blue dye from industrial waste	2019	Journal of Molecular Liquids	284		343	352		145	10.1016/j.molliq.2019.04.012	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063954569&doi=10.1016%2fj.molliq.2019.04.012&partnerID=40&md5=f3a7882d7f1987e35565a7bd6c2bd260	Article	Final
2	Jain, A.K., Thareja, S.	In vitro and in vivo characterization of pharmaceutical nanocarriers used for drug delivery	2019	Artificial Cells, Nanomedicine and Biotechnology	47	1	524	539		120	10.1080/21691401.2018.1561457	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061857821&doi=10.1080%2f21691401.2018.1561457&partnerID=40&md5=7212d7df508e8ddf332a11690e122ea9	Review	Final
3	Aadil, K.R., Pandey, N., Mussatto, S.I., Jha, H.	Green synthesis of silver nanoparticles using acacia lignin, their cytotoxicity, catalytic, metal ion sensing capability and antibacterial activity	2019	Journal of Environmental Chemical Engineering	7	5				66	10.1016/j.jece.2019.103296	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070228429&doi=10.1016%2fj.jece.2019.103296&partnerID=40&md5=17b3d8f438229e541391b4c5f885f02c	Article	Final
4	Pradhan, S., Tiwari, B.R., Kumar, S., Barai, S.V.	Comparative LCA of recycled and natural aggregate concrete using Particle Packing Method and conventional method of design mix	2019	Journal of Cleaner Production	228		679	691		58	10.1016/j.jclepro.2019.04.328	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065476926&doi=10.1016%2fj.jclepro.2019.04.328&partnerID=40&md5=16c5a0ce4e6098f4f999a36f21ec0c6b	Article	Final
5	Mahapatra, D.K., Bharti, S.K., Asati, V., Singh, S.K.	Perspectives of medicinally privileged chalcone based metal coordination compounds for biomedical applications	2019	European Journal of Medicinal Chemistry	174		142	158		55	10.1016/j.ejmech.2019.04.032	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064644765&doi=10.1016%2fj.ejmech.2019.04.032&partnerID=40&md5=b08678bde3bc0f880268b5611a093bdd	Review	Final
6	Rajani, C., Borisa, P., Karanwad, T., Borade, Y., Patel, V., Rajpoot, K., Tekade, R.K.	Cancer-targeted chemotherapy: Emerging role of the folate anchored dendrimer as drug delivery nanocarrier	2019	Pharmaceutical Applications of Dendrimers			151	198		47	10.1016/B978-0-12-814527-2.00007-X	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079216737&doi=10.1016%2fB978-0-12-814527-2.00007-X&partnerID=40&md5=607dc553b929ca4c177201574cf96e90	Book Chapter	Final
7	Patel, V., Rajani, C., Paul, D., Borisa, P., Rajpoot, K., Youngren-Ortiz, S.R., Tekade, R.K.	Dendrimers as novel drug-delivery system and its applications	2019	Drug Delivery Systems			333	392		43	10.1016/B978-0-12-814487-9.00008-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082377553&doi=10.1016%2fB978-0-12-814487-9.00008-9&partnerID=40&md5=75bf719b0e5466eceb84887b36c87282	Book Chapter	Final

8	Rajpoot, K.	Solid lipid nanoparticles: A promising nanomaterial in drug delivery	2019	Current Pharmaceutical Design	25	37	3943	3959	43	10.2174/1381612825666190903155321	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075621360&doi=10.2174/1381612825666190903155321&partnerID=40&md5=98e1dedaf20f436830b8dd2c8475d533	Review	Final
9	Shrivastava, K., Sahu, B., Deb, M.K., Thakur, S.S., Sahu, S., Kurrey, R., Kant, T., Patle, T.K., Jangde, R.	Colorimetric and paper-based detection of lead using PVA capped silver nanoparticles: Experimental and theoretical approach	2019	Microchemical Journal	150				40	10.1016/j.microc.2019.104156	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070212184&doi=10.1016/j.microc.2019.104156&partnerID=40&md5=2e8e39fc16d2e6a217072d2443a624c6	Article	Final
10	Rajpoot, K., Tekade, M., Pandey, V., Nagaraja, S., Youngren-Ortiz, S.R., Tekade, R.K.	Self-microemulsifying drug-delivery system: Ongoing challenges and future ahead	2019	Drug Delivery Systems			393	454	40	10.1016/B978-0-12-814487-9.00009-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082377163&doi=10.1016%2fB978-0-12-814487-9.00009-0&partnerID=40&md5=9799d4054d3dcc03b4b2a44785d1eba9	Book Chapter	Final
11	Rajpoot, K., Tekade, R.K.	Microemulsion as drug and gene delivery vehicle: An inside story	2019	Drug Delivery Systems			455	520	39	10.1016/B978-0-12-814487-9.00010-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082379738&doi=10.1016%2fB978-0-12-814487-9.00010-7&partnerID=40&md5=62a6eb47a08aa332d4c179594b3d4fce	Book Chapter	Final
12	Rout, K., Manna, A.K., Sahu, M., Mondal, J., Singh, S.K., Patra, G.K.	Triazole-based novel bis Schiff base colorimetric and fluorescent turn-on dual chemosensor for Cu ²⁺ and Pb ²⁺ : Application to living cell imaging and molecular logic gates	2019	RSC Advances	9	44	25919	25931	38	10.1039/c9ra03341f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071187718&doi=10.1039/c9ra03341f&partnerID=40&md5=169b29b1ec99ae569007bb4f976af175	Article	Final
13	Asati, V., Mahapatra, D.K., Bharti, S.K.	PIM kinase inhibitors: Structural and pharmacological perspectives	2019	European Journal of Medicinal Chemistry	172		95	108	34	10.1016/j.ejmech.2019.03.050	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063762373&doi=10.1016%2fj.ejmech.2019.03.050&partnerID=40&md5=0dac2899016e146466dcb8416597e5ae	Short Survey	Final
14	Mishra, A., Bera, G., Mal, P., Padmaja, G., Sen, P., Das, P., Chakraborty, B., Turpu, G.R.	Comparative electrochemical analysis of rGO-FeVO ₄ nanocomposite and FeVO ₄ for supercapacitor application	2019	Applied Surface Science	488		221	227	32	10.1016/j.apsusc.2019.05.259	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066429535&doi=10.1016%2fj.apsusc.2019.05.259&partnerID=40&md5=fdb4cdd1aa73918c54c2b85c96ba5724	Article	Final
15	Ghosh, K., Pandey, R.K.	Fractal and multifractal analysis of In-doped ZnO thin films deposited on glass, ITO, and silicon substrates	2019	Applied Physics A: Materials Science and Processing	125	2			32	10.1007/s00339-019-2398-y	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060935103&doi=10.1007%2fs00339-019-2398-y&partnerID=40&md5=52f4094095676d1cc81fdace4d57eed2	Article	Final

16	Mark, R., Rajak, N., Mandal, K., Das, S.	Metamaterial based superstrate towards the isolation and gain enhancement of MIMO antenna for WLAN application	2019	AEU - International Journal of Electronics and Communications	100		144	152	32	10.1016/j.aeue.2019.01.011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060225135&doi=10.1016%2fj.aeue.2019.01.011&partnerID=40&md5=20d66cd897c9714dbf37ea2757985c08	Article	Final
17	Mandal, P., Ranadive, A.S.	Multi-granulation interval-valued fuzzy probabilistic rough sets and their corresponding three-way decisions based on interval-valued fuzzy preference relations	2019	Granular Computing	4	1	89	108	32	10.1007/s41066-018-0090-9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050699992&doi=10.1007%2fs41066-018-0090-9&partnerID=40&md5=c389b1cf1100801bab1ac3632a2588e0	Article	Final
18	Manna, A.K., Rout, K., Chowdhury, S., Patra, G.K.	A dual-mode highly selective and sensitive Schiff base chemosensor for fluorescent colorimetric detection of Ni ²⁺ and colorimetric detection of Cu ²⁺	2019	Photochemical and Photobiological Sciences	18	6	1512	1525	30	10.1039/c9pp00114j	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067264199&doi=10.1039%2fc9pp00114j&partnerID=40&md5=6f38a5c8f7874cb39cccdab66bf495c	Article	Final
19	Kar Mahapatra, D., Asati, V., Bharti, S.K.	An updated patent review of therapeutic applications of chalcone derivatives (2014-present)	2019	Expert Opinion on Therapeutic Patents	29	5	385	406	28	10.1080/13543776.2019.1613374	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065519274&doi=10.1080%2f13543776.2019.1613374&partnerID=40&md5=c4000468bfdc4658f3b8f7c2a35fbab0	Article	Final
20	Mahapatra, D.K.A.R., Asati, V., Bharti, S.K.	Recent therapeutic progress of chalcone scaffold bearing compounds as prospective anti-gout candidates	2019	Journal of Critical Reviews	6	1			26	10.22159/jcr.2019v6i1.31760	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065531939&doi=10.22159%2fjcr.2019v6i1.31760&partnerID=40&md5=00f6152487a54857735076d3cd36d1d	Review	Final
21	Meesala, C.R.	Influence of different types of fiber on the properties of recycled aggregate concrete	2019	Structural Concrete	20	5	1656	1669	24	10.1002/suco.201900052	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069892474&doi=10.1002%2fsuco.201900052&partnerID=40&md5=9cb8b6751fe8b98c518f27e8551cf1e6	Article	Final
22	Mandal, P., Ranadive, A.S.	Hesitant bipolar-valued fuzzy sets and bipolar-valued hesitant fuzzy sets and their applications in multi-attribute group decision making	2019	Granular Computing	4	3	559	583	24	10.1007/s41066-018-0118-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85107866813&doi=10.1007%2fs41066-018-0118-1&partnerID=40&md5=356bdb8d22de50ec59bc13b691d99973	Article	Final
23	Rout, K., Manna, A.K., Sahu, M., Patra, G.K.	A guanidine based bis Schiff base chemosensor for colorimetric detection of Hg(II) and fluorescent detection of Zn(II) ions	2019	Inorganica Chimica Acta	486		733	741	24	10.1016/j.ica.2018.11.021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057844845&doi=10.1016%2fj.ica.2018.11.021&partnerID=40&md5=7e5999c47ea2f0011c15d2b2c397df7e	Article	Final

24	Yadav, S., Shrivastava, K., Bajpai, P.K.	Role of precursors in controlling the size, shape and morphology in the synthesis of copper sulfide nanoparticles and their application for fluorescence detection	2019	Journal of Alloys and Compounds	772	579	592	24	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053778380&doi=10.1016%2fj.jallcom.2018.08.132&partnerID=40&md5=80a7e120a8d8faba5030537913ed5ea7	Article	Final	
25	Awasthi, A.K., Hasan, M., Mishra, Y.K., Pandey, A.K., Tiwary, B.N., Kuhad, R.C., Gupta, V.K., Thakur, V.K.	Environmentally sound system for E-waste: Biotechnological perspectives	2019	Current Research in Biotechnology	1	58	64	23	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079641426&doi=10.1016%2fj.crbiot.2019.10.002&partnerID=40&md5=145b6142f602b6ab1cc8b12a21637395	Article	Final	
26	Singh Chouhan, K.B., Tandeey, R., Sen, K.K., Mehta, R., Mandal, V.	Critical analysis of microwave hydrodiffusion and gravity as a green tool for extraction of essential oils: Time to replace traditional distillation	2019	Trends in Food Science and Technology	92	12	21	22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070875771&doi=10.1016%2fj.tifs.2019.08.006&partnerID=40&md5=4ae837e43aae497c8a299ced9a2dffdf	Review	Final	
27	Pal, D., Saha, S.	Chondroitin: A natural biomarker with immense biomedical applications	2019	RSC Advances	9	48	28061	28077	22	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072340641&doi=10.1039%2fc9ra05546k&partnerID=40&md5=fec817d27655768187c7979f4e40bc68	Article	Final
28	Gajbhiye, T., Pandey, S.K., Lee, S.S., Kim, K.-H.	Size fractionated phytomonitoring of airborne particulate matter (PM) and speciation of PM bound toxic metals pollution through Calotropis procera in an urban environment	2019	Ecological Indicators	104	32	40	21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064831341&doi=10.1016%2fj.ecolind.2019.04.072&partnerID=40&md5=bca9c7a1bf66dd1f22ec6be1195682c9	Article	Final	
29	Banjare, M.K., Behera, K., Banjare, R.K., Sahu, R., Sharma, S., Pandey, S., Satnami, M.L., Ghosh, K.K.	Interaction of Ionic Liquid with Silver Nanoparticles: Potential Application in Induced Structural Changes of Globular Proteins	2019	ACS Sustainable Chemistry and Engineering	7	13	11088	11100	21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067398110&doi=10.1021%2facssuschemeng.8b06598&partnerID=40&md5=a47f326e1c0ee8f244e25e23b026f6a9	Article	Final
30	Mandal, P., Ranadive, A.S.	Pythagorean fuzzy preference relations and their applications in group decision-making systems	2019	International Journal of Intelligent Systems	34	7	1700	1717	21	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066899494&doi=10.1002%2fint.22117&partnerID=40&md5=dcba12562e757624d7ede5b5619d5fbd	Article	Final

31	Shrivastava, K., Nirmalkar, N., Deb, M.K., Dewangan, K., Nirmalkar, J., Kumar, S.	Application of functionalized silver nanoparticles as a biochemical sensor for selective detection of lysozyme protein in milk sample	2019	Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy	213	127	133	20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060335869&doi=10.1016%2fj.saa.2019.01.039&partnerID=40&md5=c3135d48739759930d9f5912a1e0bf4a	Article	Final	
32	Rajak, N., Chattoraj, N., Mark, R.	Metamaterial cell inspired high gain multiband antenna for wireless applications	2019	AEU - International Journal of Electronics and Communications	109	23	30	19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068576068&doi=10.1016%2fj.aeue.2019.07.003&partnerID=40&md5=3737b7d8ff54a56f829fda5f25e1232f	Article	Final	
33	Thakur, R.S., Ahirwar, B.	A steroidal derivative from Trigonella foenum graecum L. that induces apoptosis in vitro and in vivo	2019	Journal of Food and Drug Analysis	27	1	231	239	19	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048751927&doi=10.1016%2fj.jfda.2018.05.001&partnerID=40&md5=955753aa78bc4ff4b03608cbca06bd5c	Article	Final
34	Verma, F., Shukla, P., Bhardiya, S.R., Singh, M., Rai, A., Rai, V.K.	Visible light-induced direct conversion of aldehydes into nitriles in aqueous medium using Co@g-C3N4 as photocatalyst	2019	Catalysis Communications	119	76	81	18	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055893874&doi=10.1016%2fj.catcom.2018.10.031&partnerID=40&md5=d253bbdee934eed0e48f9d02636723a1	Article	Final	
35	Singh Chouhan, K.B., Tandeey, R., Sen, K.K., Mehta, R., Mandal, V.	A unique model of gravity assisted solvent free microwave based extraction of essential oil from mentha leaves ensuring biorefinery of leftover waste biomass for extraction of nutraceuticals: Towards cleaner and greener technology	2019	Journal of Cleaner Production	225	587	598	17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064215221&doi=10.1016%2fj.jclepro.2019.03.325&partnerID=40&md5=4596c7faa03c72eae5bd85e4e78a3f85	Article	Final	
36	Laha, A., Malick, S., Singha, R., Mandal, P., Rambabu, P., Kanchana, V., Hossain, Z.	Magnetotransport properties of the correlated topological nodal-line semimetal YbCdGe	2019	Physical Review B	99	24		17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068617500&doi=10.1103%2fPhysRevB.99.241102&partnerID=40&md5=7e4ce6559fefa06f63f3464391c47fe4	Article	Final	
37	Pal, D., Nayak, A.K., Saha, S.	Cellulose-based hydrogels: Present and future	2019	Natural Bioactive Compounds: Volume 1: Production and Applications			285	332	17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085449422&doi=10.1007%2f978-981-13-7154-7_10&partnerID=40&md5=24afa8be6f5f1d72e1c00af87f330680	Book Chapter	Final

38	Patra, A., Satpathy, S., Hussain, M.D.	Nanodelivery and anticancer effect of a limonoid, nimbolide, in breast and pancreatic cancer cells	2019	International Journal of Nanomedicine	14		8095	8104	17	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073603834&doi=10.2147%2fIJN.S208540&partnerID=40&md5=73a5fbc91528f6156a3376895449c701	Article	Final
39	Arora, C., Sahu, D., Bharti, D., Tamrakar, V., Soni, S., Sharma, S.	Adsorption of hazardous dye crystal violet from industrial waste using low-cost adsorbent chenopodium album	2019	Desalination and Water Treatment	167		324	332	16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073439186&doi=10.5004%2fdwt.2019.24595&partnerID=40&md5=13e8381450eada4b59a8479cf0e222a4	Article	Final
40	Tripathi, M.N., Saha, A., Singh, S.	Structural, elastic, electronic and optical properties of lead-free halide double perovskite Cs ₂ AgBiX ₆ (X = Cl, Br, and I)	2019	Materials Research Express	6	11			16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073880724&doi=10.1088%2f2053-1591%2fab48ba&partnerID=40&md5=d9b152343d4cfdbf78f5e81ab806c49b	Article	Final
41	Rajpoot, K., Jain, S.K.	Irinotecan hydrochloride trihydrate loaded folic acid-tailored solid lipid nanoparticles for targeting colorectal cancer: development, characterization, and in vitro cytotoxicity study using HT-29 cells	2019	Journal of Microencapsulation	36	7	659	676	16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073665480&doi=10.1080%2f02652048.2019.1665723&partnerID=40&md5=21e76919046e2f8db264032a3418129c	Article	Final
42	Mal, P., Bera, G., Turpu, G.R., Srivastava, S.K., Chakraborty, B., Das, B., Das, P.	Vibrational spectra of Pb ₂ Bi ₂ Te ₃ , PbBi ₂ Te ₄ , and PbBi ₄ Te ₇ topological insulators: Temperature-dependent Raman and theoretical insights from DFT simulations	2019	Physical Chemistry Chemical Physics	21	27	15030	15039	16	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069057499&doi=10.1039%2fc9cp01494b&partnerID=40&md5=07143e8cdb18c172cb30f584f18419d3	Article	Final
43	Patel, A.R., Patel, G., Banerjee, S.	Visible Light-Emitting Diode Light-Driven Cu _{0.9} Fe _{0.1} @RCAC-Catalyzed Highly Selective Aerobic Oxidation of Alcohols and Oxidative Azo-Coupling of Anilines: Tandem One Pot Oxidation-Condensation to Imidazoles and Imines	2019	ACS Omega	4	27	22445	22455	15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078725006&doi=10.1021%2facsomega.9b03096&partnerID=40&md5=89ec26036341b5f30983be36777f059d	Article	Final
44	Das, L., Kaurav, M., Pandey, R.S.	Phospholipid-polymer hybrid nanoparticle-mediated transfollicular delivery of quercetin: prospective implement for the treatment of androgenic alopecia	2019	Drug Development and Industrial Pharmacy	45	10	1654	1663	15	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070938927&doi=10.1080%2f03639045.2019.1652635&partnerID=40&md5=f6376be32010a96aad6070ee16e0c4ad	Article	Final

45	Ghosh, K., Pandey, R.K.	Assessment of fractal and multifractal features of sol-gel spin coated ZnO thin film surface	2019	Materials Research Express	6	8											10.1088/2053-1591/ab25d7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069571167&doi=10.1088%2f2053-1591%2fab25d7&partnerID=40&md5=1a0f94b927a93ef895a325048f880f50	Article	Final
46	Mishra, N.K., Das, S., Vishwakarma, D.K.	Beam steered linear array of Cylindrical Dielectric Resonator Antenna	2019	AEU - International Journal of Electronics and Communications	98		106	113									10.1016/j.aeue.2018.11.011	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056148854&doi=10.1016%2fj.aeue.2018.11.011&partnerID=40&md5=a9d790b8a6c09c7415ab45c8161e5799	Article	Final
47	Warkad, S.D., Song, K.-S., Pal, D., Nimse, S.B.	Developments in the HCV screening technologies based on the detection of antigens and antibodies	2019	Sensors (Switzerland)	19	19											10.3390/s19194257	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072848394&doi=10.3390%2fs19194257&partnerID=40&md5=d8e46fa54e677e91ef441dba19114521	Review	Final
48	Sahu, K.K., Pandey, R.S.	Development and characterization of HBsAg-loaded Eudragit nanoparticles for effective colonic immunization	2019	Pharmaceutical Development and Technology	24	2	166	175									10.1080/10837450.2018.1444639	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044245671&doi=10.1080%2f10837450.2018.1444639&partnerID=40&md5=5bf425884c1b76da4e373208fa7a3824	Article	Final
49	Saha, A., Wu, C.-M., Peng, R., Koodali, R., Banerjee, S.	Facile Synthesis of 1,3,5-Triarylbenzenes and 4-Aryl-NH-1,2,3-Triazoles Using Mesoporous Pd-MCM-41 as Reusable Catalyst	2019	European Journal of Organic Chemistry	2019	1	104	111									10.1002/ejoc.201801290	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058401812&doi=10.1002%2fejoc.201801290&partnerID=40&md5=363cc7f1352488ae6bf14a5763d9b50a	Article	Final
50	Hajam, Y.A., Rai, S.	Melatonin and insulin modulates the cellular biochemistry, histoarchitecture and receptor expression during hepatic injury in diabetic rats	2019	Life Sciences	239												10.1016/j.lfs.2019.117046	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075323218&doi=10.1016%2fj.lfs.2019.117046&partnerID=40&md5=81c9b893d53d388e406f656076f7360a	Article	Final
51	Lambat, T.L., Chaudhary, R.G., Abdala, A.A., Mishra, R.K., Mahmood, S.H., Banerjee, S.	Mesoporous PbO nanoparticle-catalyzed synthesis of arylbenzodioxo xanthenedione scaffolds under solvent-free conditions in a ball mill	2019	RSC Advances	9	54	31683	31690									10.1039/c9ra05903b	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073447215&doi=10.1039%2fc9ra05903b&partnerID=40&md5=de3498b955071d861d19201d717447ab	Article	Final
52	Jain, A., Jain, P., Parihar, D.K.	Comparative Study of In-vitro Antidiabetic and Antibacterial Activity of Non-conventional Curcuma Species	2019	Journal of Biologically Active Products from Nature	9	6	457	464									10.1080/22311866.2019.1710253	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079147260&doi=10.1080%2f22311866.2019.1710253&partnerID=40&md5=64d5320311142e6bc6c8a295ec7cbff5	Article	Final

53	Patel, A.R., Asatkar, A., Patel, G., Banerjee, S.	Synthesis of Rice Husk Derived Activated Mesoporous Carbon Immobilized Palladium Hybrid Nano-Catalyst for Ligand-Free Mizoroki-Heck/Suzuki/Sonogashira Cross-Coupling Reactions	2019	ChemistrySelect	4	19	5577	5584	12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066274330&doi=10.1002%2fslct.201900384&partnerID=40&md5=814d6f3e99a8256043cf5b0a40265449	Article	Final
54	Verma, M.K., Shukla, R.	Mapping the research trends on information literacy of selected countries during 2008-2017: A scientometric analysis	2019	DESIDOC Journal of Library and Information Technology	39	3	125	130	12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072936553&doi=10.14429%2fdjlit.39.3.14007&partnerID=40&md5=5a156f712ce1a1862e67538d3a7e4c70	Article	Final
55	Tiwari, R., Dubey, V., Kesavan, K.	Ocular Self-Microemulsifying Drug Delivery System of Prednisolone Improves Therapeutic Effectiveness in the Treatment of Experimental Uveitis	2019	Ocular Immunology and Inflammation	27	2	303	311	12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85029487591&doi=10.1080%2f09273948.2017.1333622&partnerID=40&md5=2dc50fc7d908e2d5e4d8bf6325d9ba7f	Article	Final
56	Lambat, T.L., Abdala, A.A., Mahmood, S., Ledade, P.V., Chaudhary, R.G., Banerjee, S.	Sulfamic acid promoted one-pot multicomponent reaction: A facile synthesis of 4-oxo-tetrahydroindoles under ball milling conditions	2019	RSC Advances	9	68	39735	39742	12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076642161&doi=10.1039%2fc9ra08478a&partnerID=40&md5=791f7cc08c728cec63e383e0a819dbe3	Article	Final
57	Paliwal, R., Paliwal, S.R., Sulakhiya, K., Kurmi, B.D., Kenwat, R., Mamgain, A.	Chitosan-based nanocarriers for ophthalmic applications	2019	Polysaccharide Carriers for Drug Delivery			79	104	12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075513227&doi=10.1016%2fB978-0-08-102553-6.00004-0	Book Chapter	Final
58	Matlani, P., Shrivastava, M.	Hybrid deep VGG-net convolutional classifier for video smoke detection	2019	CMES - Computer Modeling in Engineering and Sciences	119	3	427	458	12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066442528&doi=10.32604%2fcmes.2019.04985&partnerID=40&md5=84b6da3d53d7550dee84a56ce1ba9d22	Article	Final
59	Sahu, A.K., Sahu, N.K., Sahu, A.K., Rajput, M.S., Narang, H.K.	T-SAW methodology for parametric evaluation of surface integrity aspects in AlMg3 (AA5754) alloy: Comparison with T-TOPSIS methodology	2019	Measurement: Journal of the International Measurement Confederation	132		309	323	12	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85054050170&doi=10.1016%2fj.measurement.2018.09.037&partnerID=40&md5=67c38089c139e09b0fb665e069a6f663	Article	Final

60	Payra, S., Banerjee, S.	Highly Efficient and Chemoselective Reduction of Nitroarenes Using Hybrid Ni@g-C3N4 as Reusable Catalyst	2019	ChemistrySelect	4	33	9556	9561	11	10.1002/slct.201902854	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075178541&doi=10.1002%2fslct.201902854&partnerID=40&md5=d3e21b6af8a3db5c83062d02e7b3e4a9	Article	Final
61	Singh, M., Kashyap, H., Singh, P.K., Mahata, S., Rai, V.K., Rai, A.	AuNPs/Neutral red-biofunctionalized graphene nanocomposite for nonenzymatic electrochemical detection of organophosphate via NO2 reduction	2019	Sensors and Actuators, B: Chemical	290		195	202	11	10.1016/j.snb.2019.03.131	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063761641&doi=10.1016%2fj.snb.2019.03.131&partnerID=40&md5=b52549b664107fdb8955fcca541b6b0	Article	Final
62	Mandal, P., Ranadive, A.S.	Fuzzy multi-granulation decision-theoretic rough sets based on fuzzy preference relation	2019	Soft Computing	23	1	85	99	11	10.1007/s00500-018-3411-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85050668470&doi=10.1007%2fs00500-018-3411-7&partnerID=40&md5=060e82f120a3a110d3c4818d887826d0	Article	Final
63	Singh, M., Sahu, A., Mahata, S., Singh, P.K., Rai, V.K., Rai, A.	Efficient electrochemical determination of: P - aminophenol using a novel tricomponent graphene-based nanocomposite	2019	New Journal of Chemistry	43	37	14972	14978	11	10.1039/c9nj03680f	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072625085&doi=10.1039%2fc9nj03680f&partnerID=40&md5=a95c743f7825f61c9d2ef97ba74fa692	Article	Final
64	Singh, M., Sahu, A., Mahata, S., Shukla, P., Rai, A., Rai, V.K.	Efficient electrocatalytic oxidation of p-phenylenediamine using a novel PANI/ZnO anchored bio-reduced graphene oxide nanocomposite	2019	New Journal of Chemistry	43	17	6500	6506	11	10.1039/c9nj00837c	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065336784&doi=10.1039%2fc9nj00837c&partnerID=40&md5=fc3c76916dec4d64e8b7f1d6b56ea313	Article	Final
65	Shakoury, R., Grayeli Korpi, A., Ghosh, K., ĀĀĀĀĀ, ĀĀ, Rezaee, S., Mwema, F., Mardani, M., Arman, A.	Stereometric and scaling law analysis of surface morphology of stainless steel type AISI 304 coated with Mn: A conventional and fractal evaluation	2019	Materials Research Express	6	11			10	10.1088/2053-1591/ab4aa6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075270754&doi=10.1088%2f2053-1591%2fab4aa6&partnerID=40&md5=6c106ee53035612e98ce7b636471fec0	Article	Final
66	Mark, R., Singh, H.V., Mandal, K., Das, S.	Reduced edge-to-edge spaced MIMO antenna using parallel coupled line resonator for WLAN applications	2019	Microwave and Optical Technology Letters	61	10	2374	2380	10	10.1002/mop.31911	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067497669&doi=10.1002%2fmop.31911&partnerID=40&md5=7eb273c3d9c640631f2f4266f1ed734a	Article	Final
67	Bhushan, R.K., Sharma, D.	Green welding for various similar and dissimilar metals and alloys: present status and future possibilities	2019	Advanced Composites and Hybrid Materials	2	3	389	406	10	10.1007/s42114-019-00094-8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086106152&doi=10.1007%2fs42114-019-00094-8&partnerID=40&md5=a07b30328813b9a89a018cc4889f7926	Review	Final

68	Roy, P.P., Banjare, P., Verma, S., Singh, J.	Acute Rat and Mouse Oral Toxicity Determination of Anticholinesterase Inhibitor Carbamate Pesticides: A QSTR Approach	2019	Molecular Informatics	38	#####				10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065501765&doi=10.1002%2fminf.201800151&partnerID=40&md5=b1e15badc22adb91def247872902493f	Article	Final
69	A.K. Bhattacharya, S., Trivedi, T., Negi, D., Singh, R.P., Muralithar, S., Palit, R., Ragnarsson, I., Nag, S., Rajbanshi, S., Raju, M.K., Parkar, V.V., Mohanto, G., Kumar, S., Choudhury, D., Kumar, R., Bhowmik, R.K., Pancholi, S.C., Jain,	Evolution of collectivity and evidence of octupole correlations in Br 73	2019	Physical Review C	100	1				10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069936253&doi=10.1103%2fPhysRevC.100.014315&partnerID=40&md5=a2c839de3f5fb7703fbc00de6a1456d7	Article	Final
70	Mandal, P., Ranadive, A.S.	Multi-granulation fuzzy decision-theoretic rough sets and bipolar-valued fuzzy decision-theoretic rough sets and their applications	2019	Granular Computing	4	3	483	509		10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101718748&doi=10.1007%2fs41066-018-0111-8&partnerID=40&md5=6f6d3fbc0382d1a560aca46dfd07c0e	Article	Final
71	Panigrahi, R., Hajra, S., De, M., Kumar, A., James, A.R., Choudhary, R.N.P.	Investigation of resistive, capacitive and conductive properties of lead-free electronic material: 0.7Bi(Fe 0.98 Ga 0.02)O 3 -0.30BaTiO 3	2019	Solid State Sciences	92	6	12			10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064224922&doi=10.1016%2fj.solidstatesciences.2019.04.002&partnerID=40&md5=149286f58583816891201ae4c8de9c9a	Article	Final
72	Gupta, M.K., Yadav, C.K.	Rabinovich-Fabrikant system in view point of KCC theory in Finsler geometry	2019	Journal of Interdisciplinary Mathematics	22	3	219	241		10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068206439&doi=10.1080%2f09720502.2019.1614249&partnerID=40&md5=ac4806615dc5194cdd218a67992feca2	Article	Final
73	Antony, F.M., Wasewar, K.L., De, B.S., Kumar, S.	Separation of Protocatechuic Acid Using Tri- n-Octylamine: Experimental and Mathematical Investigation	2019	Journal of Chemical and Engineering Data	64	3	1101	1112		10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062069751&doi=10.1021%2facsc.8b01013&partnerID=40&md5=d34215f16e3d8b0baaa4212725ef61c7	Article	Final
74	Aharwar, A., Parihar, D.K.	Talaromyces verruculosus tannase production, characterization and application in fruit juices detannification	2019	Biocatalysis and Agricultural Biotechnology	18					10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060861316&doi=10.1016%2fj.bcab.2019.01.052&partnerID=40&md5=cadafec51bcc4c71bb2f7765dec5399f	Article	Final

75	Sahu, A., Shukla, P., Mahata, S., Rai, V.K., Rai, A., Singh, M.	First bio-covalent functionalization of graphene with threonine towards drug sensing via electrocatalytic transfer hydrogenation	2019	Sensors and Actuators, B: Chemical	281	1045	1053	10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057845344&doi=10.1016%2fj.snb.2018.11.015&partnerID=40&md5=6707f803cbeba76b6f23781e8c48d78c	Article	Final
76	Deswal, S., Singh, S.K., Rambabu, P., Kulkarni, P., Vaitheeswaran, G., Praveenkumar, B., Ogale, S., Boomishankar, R.	Flexible Composite Energy Harvesters from Ferroelectric A2MX4-Type Hybrid Halogenometallates	2019	Chemistry of Materials				10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067927743&doi=10.1021%2facs.chemmater.9b01227&partnerID=40&md5=7969ebceb30e6fe90d4256db9638554c	Article	Article in Press
77	Sahu, K.K., Kaurav, M., Pandey, R.S.	Chylomicron mimicking solid lipid nanoemulsions encapsulated enteric minicapsules targeted to colon for immunization against hepatitis B	2019	International Immunopharmacology	66	317	329	10	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057306876&doi=10.1016%2fj.intimp.2018.11.041&partnerID=40&md5=fb3a7c3fc459dac2002ff5cbcfaf0b9b	Article	Final
78	Maity, G., Singhal, R., Dubey, S., Ojha, S., Kulriya, P.K., Dhar, S., Som, T., Kanjilal, D., Patel, S.P.	Aluminum induced crystallization of amorphous Si: Thermal annealing and ion irradiation process	2019	Journal of Non-Crystalline Solids	523			9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071196156&doi=10.1016%2fj.jnoncrysol.2019.119628&partnerID=40&md5=4a9303b95f9a15097ea04f3fc2500ea6	Article	Final
79	Maya, P.N., Sharma, P., Satyaprasad, A., Mukherjee, S., Tyagi, A.K., Vala, S.S., Subhash, P.V., Attri, A., Kulriya, P., Bajpai, P.K., Raole, P.M., Karki, V., Singh, M., Kumar, R., Lakhani, A., Kikani, P., Rayjada, P., Abhang, M., Mal, K., Patel, S.P., Trivedi, T., Saravanan, K., Kannan, S., David, C., Pujari, P.K., Warriar, M., Khirwadkar, S., Deshpande, S.P.	Evaluation of tungsten as divertor plasma-facing material: Results from ion irradiation experiments and computer simulations	2019	Nuclear Fusion	59	7		9	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069205806&doi=10.1088%2f1741-4326%2fab1727&partnerID=40&md5=bd09f36efac9826992d56a00ae74411	Article	Final

80	Jain, A., Parihar, D.K.	Molecular marker based genetic diversity study of wild, cultivated and endangered species of Curcuma from Chhattisgarh region for in situ conservation	2019	Biocatalysis and Agricultural Biotechnology	18										https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061899557&doi=10.1016%2fj.bcab.2019.101033&partnerID=40&md5=710cf4e41441ccd3d7ada0cb40d9a4bd	Article	Final
81	Mark, R., Rajak, N., Mandal, K., Das, S.	Isolation and gain enhancement using metamaterial based superstrate for MIMO applications	2019	Radioengineering	28	4	689	695						8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079051487&doi=10.13164%2fre.2019.0689&partnerID=40&md5=f28fd3c3110d04b0f47e2940e8597d6b	Article	Final
82	Ghosh, K., Pandey, R.K.	Fractal assessment of ZnO thin films using Higuchi's algorithm	2019	AIP Conference Proceedings	2115									8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069774646&doi=10.1063%2f1.5113119&partnerID=40&md5=3a206d281e14ff0d99a6f8621aff054f	Conference Paper	Final
83	Pradhan, S., Kumar, S., Barai, S.V.	Impact of particle packing mix design method on fracture properties of natural and recycled aggregate concrete	2019	Fatigue and Fracture of Engineering Materials and Structures	42	4	943	958						8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057220807&doi=10.1111%2fffe.12963&partnerID=40&md5=ea35bc6772f5b690b324a0696a230718	Article	Final
84	Dewangan, D., Nakhate, K., Mishra, A., Thakur, A.S., Rajak, H., Dwivedi, J., Sharma, S., Paliwal, S.	Design, Synthesis, and Characterization of Quinoxaline Derivatives as a Potent Antimicrobial Agent	2019	Journal of Heterocyclic Chemistry	56	2	566	578						8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85057968667&doi=10.1002%2fjhet.3431&partnerID=40&md5=887eae591d81474f989873fa38aec4dc	Article	Final
85	Parashar, A.K., Patel, P., Gupta, A.K., Jain, N.K., Das Kurmi, B.	Synthesis, characterization and in vivo evaluation of PEGylated PPI dendrimer for safe and prolonged delivery of insulin	2019	Drug Delivery Letters	9	3	248	263						8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85075010397&doi=10.2174%2f2210303109666190401231920&partnerID=40&md5=0ec51b3230dc842c707a76339ddeda1b	Article	Final
86	Banjare, L., Verma, S.K., Jain, A.K., Thareja, S.	Structure guided molecular docking assisted alignment dependent 3D-QSAR study on steroidal aromatase inhibitors (SAIs) as anti-breast cancer agents	2019	Letters in Drug Design and Discovery	16	7	808	817						8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070957480&doi=10.2174%2f1570180815666181010101024&partnerID=40&md5=2a1cb3cc2a479a231a48c9bbf6e381a	Article	Final
87	Bera, G., Surampalli, A., Mishra, A., Mal, P., Reddy, V.R., Banerjee, A., Sagdeo, A., Das, P., Turpu, G.R.	Magnetolattice coupling, magnetic frustration, and magnetoelectric effect in the Cr-doped FeVO4 multiferroic material and their correlation with structural phase transitions	2019	Physical Review B	100	1								7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073641077&doi=10.1103%2fPhysRevB.100.014436&partnerID=40&md5=db0ee00688c82d74fd6b35bb9ad9b240	Article	Final

88	Saha, A., Payra, S., Asatkar, A., Patel, A.R., Banerjee, S.	[AcMIM]FeCl ₄ : A magnetically separable organocatalyst for the clean synthesis of tetrahydrobenzo[b]pyran derivatives	2019	Current Organocatalysis	6	2	177	182	7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071299960&doi=10.2174%2F22133372066661126114820&partnerID=40&md5=82421cc643f6b5c72eb41d1e0223966e	Article	Final
89	Shrivastava, K., Ghosale, A., Kant, T., Bajpai, P.K., Shankar, R.	The direct-writing of low cost paper based flexible electrodes and touch pad devices using silver nano-ink and ZnO nanoparticles	2019	RSC Advances	9	31	17868	17876	7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067464888&doi=10.1039%2Fc9ra02599e&partnerID=40&md5=38d9c4c3b9cdb01b30a89d3f21deff28	Article	Final
90	Soni, S., Shrivastava, M.	Novel wireless charging algorithms to charge mobile wireless sensor network by using reinforcement learning	2019	SN Applied Sciences	1	9			6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85088690618&doi=10.1007%2Fs42452-019-1091-2&partnerID=40&md5=eda04aafadc5bd7e115714f001afa9ae	Article	Final
91	Ghosh, K., Pandey, R.K.	Power spectral density-based fractal analysis of annealing effect in low cost solution-processed Al-doped ZnO thin films	2019	Physica Scripta	94	11			6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073243300&doi=10.1088%2F1402-4896%2Fab292c&partnerID=40&md5=6f84e85b1db233ccce02cea9fccfd89	Article	Final
92	Shree, J., Choudhary, R., Bodakhe, S.H.	Losartan delays the progression of streptozotocin-induced diabetic cataracts in albino rats	2019	Journal of Biochemical and Molecular Toxicology	33	8			6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070637409&doi=10.1002%2Fjbt.22342&partnerID=40&md5=61e7be4ed7639e3954906d3e5f9f5252	Article	Final
93	Mohapatra, U.M., Majhi, B., Satapathy, S.C.	Financial time series prediction using distributed machine learning techniques	2019	Neural Computing and Applications	31	8	3369	3384	6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85034628821&doi=10.1007%2Fs00521-017-3283-2&partnerID=40&md5=86f2f833185de1526cde4579cb010a48	Article	Final
94	Mandal, P., Ranadive, A.S.	Multi-granulation Pythagorean fuzzy decision-theoretic rough sets based on inclusion measure and their application in incomplete multi-source information systems	2019	Complex and Intelligent Systems	5	2	145	163	6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85096635801&doi=10.1007%2Fs40747-018-0090-z&partnerID=40&md5=0ac64eaf6d43b3fddd24e22f8df012f2	Article	Final
95	Harun Al Rashid, M., Majumder, S., Mandal, V., Mandal, S.C., Thandavarayan, R.A.	In search of suitable extraction technique for large scale commercial production of bioactive fraction for the treatment of diabetes: The case Diospyros melanoxylon Roxb.	2019	Journal of Traditional and Complementary Medicine	9	2	106	118	6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85046123383&doi=10.1016%2Fj.jtcme.2017.11.003&partnerID=40&md5=84fcc059caf5c8d173a07432a6a35967	Article	Final

96	Verma, S.K., Yadav, Y.S., Thareja, S.	2,4-thiazolidinediones as PTP 1B inhibitors: A mini review (2012-2018)	2019	Mini-Reviews in Medicinal Chemistry	19	7	591	598	6	10.2174/1389557518666166181026092029	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064722917&doi=10.2174/1389557518666181026092029&partnerID=40&md5=111b6c58d19cc2e77a9cad01f5cdd935	Review	Final
97	Mal, P., Das, B., Lakhani, A., Bera, G., Turpu, G.R., Wu, J.-C., Tomy, C.V., Das, P.	Unusual Conductance Fluctuations and Quantum Oscillation in Mesoscopic Topological Insulator PbBi 4 Te 7	2019	Scientific Reports	9	1			5	10.1038/s41598-019-43534-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065420701&doi=10.1038/s41598-019-43534-7&partnerID=40&md5=74a53c3cd347d1b05b0d45d4ca1300ef	Article	Final
98	Mandal, P., Ranadive, A.S.	Multi-granulation fuzzy probabilistic rough sets and their corresponding three-way decisions over two universes	2019	Iranian Journal of Fuzzy Systems	16	5	61	76	5	10.22111/ijfs.2019.4907	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073681017&doi=10.22111/ijfs.2019.4907&partnerID=40&md5=c0253fa1d6add90e872694baee9d1351	Article	Final
99	Chandra, R., Dutta, A., Manna, A.K., Rout, K., Mondal, J., Patra, G.K.	Halide bridged novel ternary copper(I) complexes with bis imino-quinolinyl ligand and triphenylphosphine: Synthesis, structure, luminescence, electrochemistry and theoretical studies	2019	Inorganica Chimica Acta	496				5	10.1016/j.ica.2019.119042	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070589480&doi=10.1016/j.ica.2019.119042&partnerID=40&md5=19b47042f39b302b16a11c0cf7f0c3e9	Article	Final
100	Bajpai, S., Bajpai, P.K.	Local Symmetry Reduction in Lanthanum Substituted Barium Stannate Ceramics Densified Using Bi2O3 Sintering Aids	2019	Journal of Electronic Materials	48	10	6306	6318	5	10.1007/s11664-019-07437-7	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070264127&doi=10.1007/s11664-019-07437-7&partnerID=40&md5=13a9688a0a766a9eec106d55bc5cbe1f	Article	Final
101	Bajpai, K.K., Sreenivas, K., Gupta, A.K., Shukla, A.K.	Cr-doped lead lanthanum zirconate titanate (PLZT) ceramics for pyroelectric and energy harvesting device applications	2019	Ceramics International	45	11	14111	14120	5	10.1016/j.ceramint.2019.04.111	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064398843&doi=10.1016/j.ceramint.2019.04.111&partnerID=40&md5=810db576d5d566a66b8193d19605b110	Article	Final
102	Chouhan, K.B.S., Tandey, R., Sen, K.K., Mehta, R., Mandal, V.	Extraction of phenolic principles: value addition through effective sample pretreatment and operational improvement	2019	Journal of Food Measurement and Characterization	13	1	177	186	5	10.1007/s11694-018-9931-0	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053483304&doi=10.1007/s11694-018-9931-0&partnerID=40&md5=0045b80ce0774b0128c8ee89ceb6bb49	Article	Final
103	Deepak, Sharma, S., Kumar, A., Kumar, R., Nandy, K., Srivastava, A., Tomar, M.S., Acharya, A.	Developing a nontoxic and biocompatible polymeric self-assembly by using RAFT methodology for biomedical application	2019	Materials Today Communications	18		14	24	5	10.1016/j.mtcomm.2018.10.021	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056591412&doi=10.1016/j.mtcomm.2018.10.021&partnerID=40&md5=a6da477e9b9f803ca225288616d94f49	Article	Final

104	Agrawal, N.D., Nirala, S.K., Bhadauria, M., Srivastava, S., Shukla, S.	Protective potential of moringa oleifera lam. Along with curcumin and piperine against beryllium-induced alterations in hepatorenal biochemistry and ultramorphology in rats	2019	Indian Journal of Biochemistry and Biophysics	56	1	70	80	5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062988741&partnerID=40&md5=b0b658d3d8fe0dc1a0a35cc5b6a9c419	Article	Final
105	Pal, D., Saha, S.	Current status and prospects of chitosan: Metal nanoparticles and their applications as nanotheranostic agents	2019	Nanotheranostics: Applications and Limitations			79	114	5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086197258&doi=10.1007/978-3-030-29768-8_5&partnerID=40&md5=1fc4b7660360b65edcc3987950202495	Book Chapter	Final
106	Verma, H.K., Kampalli, P.K., Lakkakula, S., Chalikonda, G., Bhaskar, L.V.K.S., Pattnaik, S.	A retrospective look at anti-egfr agents in pancreatic cancer therapy	2019	Current Drug Metabolism	20	12	958	966	5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85078487335&doi=10.2174/1389200220666166191122104955&partnerID=40&md5=bbec870da13d04025f04a08a00fd0100	Review	Final
107	Bhushan, R.K., Sharma, D.	Optimization of FSW parameters for maximum UTS of AA6082/SiC/10P composites	2019	Advanced Composites Letters	28				5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077308356&doi=10.1177/0963693519867742ceae34d6ac767f8c	Article	Final
108	Thawait, A.K., Sondhi, L., Sanyal, S., Bhowmick, S.	Stress and deformation analysis of clamped functionally graded rotating disks with variable thickness	2019	Mechanics and Mechanical Engineering	23	1	202	211	5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069829104&doi=10.2478/mme-2019-0027&partnerID=40&md5=965cae45a84324b90a66e602ec7535ac	Article	Final
109	Jain, S.K., Patel, K., Rajpoot, K., Jain, A.	Development of a berberine loaded multifunctional design for the treatment of helicobacter pylori induced gastric ulcer	2019	Drug Delivery Letters	9	1	50	57	5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064196260&doi=10.2174/2210303108666166181120110756&partnerID=40&md5=29d887bf0628feb21a40c1f5ad3765d9	Article	Final
110	Panda, B., Majhi, B., Thakur, A.	An integrated-OFFT model for the prediction of protein secondary structure class	2019	Current Computer-Aided Drug Design	15	1	45	54	5	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85058890876&doi=10.2174/1573409914666166180828105228&partnerID=40&md5=d2a078ac2fe317fb1850c948a3921bf9	Article	Final
111	Malik, T.G., Gajbhiye, T., Pandey, S.K.	Some insights into composition and monoterpene emission rates from selected dominant tropical tree species of Central India: Plant-specific seasonal variations	2019	Ecological Research	34	6	821	834	4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074753913&doi=10.1111/1440-1703.12058&partnerID=40&md5=390cb5f98209ab485e6a3a552fedbd54	Article	Final

112	Naidu, D., Majhi, B.	Reference evapotranspiration modeling using radial basis function neural network in different agro-climatic zones of chhattisgarh	2019	Journal of Agrometeorology	21	3	316	326	4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073671305&partnerID=40&md5=9f683a8f3bb29f9826a2b6a57b5043b3	Article	Final
113	Singh, S.K., Patra, A.	Evaluation of adaptogenic potential of Polygonatum cirrhifolium (Wall.) Royle: In vitro, in vivo and in silico studies	2019	South African Journal of Botany	121		159	177	4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056858742&doi=10.1016%2fj.sajb.2018.10.022&partnerID=40&md5=9df37973b85a38477108977deff21e99	Article	Final
114	Ganjir, R., Bajpai, P.K.	Influence of Co Doping on the Structural, Dielectric and Raman Properties of Ba _{0.75} Sr _{0.25} Ti _{1-x} CoxO ₃	2019	Journal of Electronic Materials	48	1	634	641	4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85056135404&doi=10.1007%2fs11664-018-6757-9&partnerID=40&md5=a643deb5567b7223125a7f176cc7456c	Article	Final
115	Asatkar, A., Saha, A., Lambat, T.L., Singh, M., Banerjee, S.	Biomass rice husk derived activated carbon catalyzed synthesis of 5-aryl-1,2,4-triazolidine-3-thione derivatives under metal-free aqueous medium	2019	Materials Today: Proceedings	29		698	703	4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85091069108&doi=10.1016%2fj.matpr.2020.04.127&partnerID=40&md5=fad1c96dfa864280e1416a43fed4fe1	Conference Paper	Final
116	Harun Al Rashid, M., Kundu, A., Mandal, V., Wangchuk, P., Mandal, S.C.	Preclinical and clinical trials of Indian medicinal plants in disease control	2019	Herbal Medicine in India: Indigenous Knowledge, Practice, Innovation and its Value			119	142	4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085418388&doi=10.1007%2f978-981-13-7248-3_9&partnerID=40&md5=e5fd71f103a0e70b82a429dae9a7ad4d	Book Chapter	Final
117	Korpi, A.G., Arman, A., JureÅka, S., Luna, C., Shakoury, R., ÅcÅflu, Åž., Rezaee, S., Ghosh, K., Sherafat, K., Sadeghi, M., Gopikishan, S.	Improving the corrosion resistance of Ni/Ss thin films by nitrogen ion implantation	2019	Acta Physica Polonica A	136	3	536	541	4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074515790&doi=10.12693%2fAPhysPolA.136.536.536&partnerID=40&md5=836c3cd4444b94626aac70e56f9e939b	Article	Final
118	Pandey, N., Kumar, S., Pandey, R.	Grading and defect detection in potatoes using deep learning	2019	Communications in Computer and Information Science	839		329	339	4	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055679059&doi=10.1007%2f978-981-13-2372-0_29&partnerID=40&md5=047b468d818fc2e1960d8ce06265086c	Conference Paper	Final

119	Kaurav, M., Kumar, R., Jain, A., Pandey, R.S.	Novel Biomimetic Reconstituted Built-in Adjuvanted Hepatitis B Vaccine for Transcutaneous Immunization	2019	Journal of Pharmaceutical Sciences	108	11	3550	3559	3	10.1016/j.xphs.2019.07.007	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070886242&doi=10.1016%2fj.xphs.2019.07.007&partnerID=40&md5=b824be4a91cea43aa78e57d4a91523b6	Article	Final
120	Patel, S., Choudhary, M., Chandra, R.K., Bhardwaj, A.K., Tripathi, M.K.	Sex steroids exert a suppressive effect on innate and cell mediated immune responses in fresh water teleost, Channa punctatus	2019	Developmental and Comparative Immunology	100				3	10.1016/j.dci.2019.103415	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067654053&doi=10.1016%2fj.dci.2019.103415	Article	Final
121	Dehury, R.K., Samal, J., Coutinho, S., Dehury, P.	How Does the Largely Unregulated Private Health Sector Impact the Indian Mass?	2019	Journal of Health Management	21	3	383	393	3	10.1177/0972063419868561	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074303424&doi=10.1177%2f0972063419868561&partnerID=40&md5=bd74f586439988dc2bee7717b3e983e	Article	Final
122	Maity, G., Ojha, S., Sulania, I., Devrani, K., Patel, S.P.	Fractal characterizations of energetic Si ions irradiated amorphized-Si surfaces	2019	Surface and Interface Analysis	51	8	817	825	3	10.1002/sia.6655	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066889985&doi=10.1002%2fsia.6655	Article	Final
123	Bhaskar, L.V.K.S., Nagaraju, G.P.	Clinical and immunogenetic aspects of systemic lupus erythematosus	2019	Critical Reviews in Immunology	39	5	343	360	3	10.1615/CritRevImmunol.2020033247	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079633372&doi=10.1615%2fCritRevImmunol.2020033247	Article	Final
124	Ekka, D., Kumari, M., Yadav, N.	Enrichment of Security Using Hybrid Algorithm	2019	Lecture Notes on Data Engineering and Communications Technologies	15		867	873	3	10.1007/978-981-10-8681-6	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079278282&doi=10.1007%2f978-981-10-8681-6	Book Chapter	Final
125	Ravichandran, V., Shalini, S., Kumar, K.S., Rajak, H., Agrawal, R.K.	Design, synthesis and evaluation of thiourea derivatives as antimicrobial and antiviral agents	2019	Letters in Drug Design and Discovery	16	6	618	624	3	10.2174/1570180815661	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067578139&doi=10.2174%2f1570180815661	Article	Final
126	Patel, P., Patel, V.K., Singh, A., Jawaid, T., Kamal, M., Rajak, H.	Identification of hydroxamic acid based selective hdac1 inhibitors: Computer aided drug design studies	2019	Current Computer-Aided Drug Design	15	2	145	166	3	10.2174/15734099146661	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063676122&doi=10.2174%2f15734099146661	Article	Final

127	Soni, P., Choudhary, R., Bodakhe, S.H.	Effects of a novel isoflavonoid from the stem bark of <i>Alstonia scholaris</i> against fructose-induced experimental cataract	2019	Journal of Integrative Medicine	17	5	374	382	2	10.1016/j.joim.2019.06.002	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079086377&doi=10.1016%2fj.joim.2019.06.002&partnerID=40&md5=e1d94715aa6272dd2a848b6b098d3c41	Article	Final
128	Ravichandran, V., Rohini, K., Harish, R., Parasuraman, S., Sureshkumar, K.	Insights into the key structural features of triazolothienopyrimidines as anti-HIV agents using QSAR, molecular docking, and pharmacophore modeling	2019	Structural Chemistry	30	4	1471	1484	2	10.1007/s11224-019-01304-1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061819383&doi=10.1007%2fs11224-019-01304-1&partnerID=40&md5=d94ab33b5dc1d08ae8c8c123c7fd4660	Article	Final
129	Shukla, P., Mahata, S., Kashyap, H., Singh, M., Rai, V.K., Rai, A.	A facile and efficient carbocatalytic route to quaternary C-bearing N-tosylaziridines from Morita-Baylis-Hillman adduct in water	2019	Tetrahedron Letters	60	30	1943	1948	2	10.1016/j.tetlet.2019.05.044	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068027500&doi=10.1016%2fj.tetlet.2019.05.044&partnerID=40&md5=cffabbe8456720f030130ee513c516e0	Article	Final
130	Chatterjee, P.M., Krishan, K., Singh, R.K., Kanchan, T.	Sex determination by discriminant function analysis using the human tibia in a Central Indian population	2019	Medicine, Science and the Law	59	3	171	179	2	10.1177/0025802419845821	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066864166&doi=10.1177%2f0025802419845821&partnerID=40&md5=c50c625d80cf472abbe0af6571382b1c	Article	Final
131	De, M., Hajra, S., Tiwari, R., Sahoo, S., Choudhary, R.N.P., Tewari, H.S.	Structural, electrical and ferroelectric properties of lithium niobate-bismuth ferrite solid solutions	2019	Solid State Sciences	93		1	6	2	10.1016/j.solidstatesciences.2019.04.009	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85065506587&doi=10.1016%2fj.solidstatesciences.2019.04.009&partnerID=40&md5=2a32c70aab75be6445331a8a53486313	Article	Final
132	Shrivastava, P., Choudhary, R., Nirmalkar, U., Singh, A., Shree, J., Vishwakarma, P.K., Bodakhe, S.H.	Magnesium taurate attenuates progression of hypertension and cardiotoxicity against cadmium chloride-induced hypertensive albino rats	2019	Journal of Traditional and Complementary Medicine	9	2	119	123	2	10.1016/j.jtcme.2017.06.010	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85047881783&doi=10.1016%2fj.jtcme.2017.06.010&partnerID=40&md5=4dbeb14c63435982ab3d8f3c562f4775	Article	Final
133	Mishra, N.K., Das, S., Vishwakarma, D.K.	Wideband High Gain Cylindrical Dielectric Resonator Antenna for X-Band Applications	2019	Frequenz	73	#####	109	116	2	10.1515/freq-2018-0092	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85061119726&doi=10.1515%2ffreq-2018-0092&partnerID=40&md5=698fe507eee114089da9ee109da7103d	Article	Final
134	Mark, R., Mishra, N., Mandal, K., Sarkar, P.P., Das, S.	Hexagonal Nested Loop Fractal Antenna for Quad Band Wireless Applications	2019	Frequenz	73	#####	99	108	2	10.1515/freq-2018-0115	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060388491&doi=10.1515%2ffreq-2018-0115&partnerID=40&md5=0c475df10084b181cb542d3fa72962c1	Article	Final

135	Rai, V.K., Mahata, S., Bhardiya, S.R., Shukla, P., Rai, A., Singh, M.	A novel carbocatalytic hydride transfer strategy for efficient reduction of structurally different aldehydes and ketones in water	2019	Tetrahedron Letters	60	7	524	529	2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060094308&doi=10.1016%2fj.tetlet.2019.01.019&partnerID=40&md5=cba65a64ccb558e82df370d32ba5453	Article	Final
136	Singh, P.K., Verma, F., Bhardiya, S.R., Singh, M., Rai, V.K., Rai, A.	A Facile Iodine-Promoted Enals-Based cis-Selective Construction of Aziridine-2-aldehyde in Water	2019	ChemistrySelect	4	4	1240	1243	2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060869910&doi=10.1002%2fslct.201803614&partnerID=40&md5=23b50cc6eee1a803039d2c2afce6c56	Article	Final
137	Bhakta, S., Chhajlani, R.K., Prajapati, R.P.	Effects of radiation pressure and polarization force on Jeans instability in magnetized strongly coupled dusty plasma	2019	Physica Scripta	94	4			2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062920559&doi=10.1088%2f1402-4896%2faafc71&partnerID=40&md5=1a5e2ef53afc8e545fbaac6190207c5a	Article	Final
138	Rani, P., Pal, D., Hoda, M.N., Ara, T.J., Beg, S., Saquib Hasnain, M., Nayak, A.K.	Dental pulp capping nanocomposites	2019	Applications of Nanocomposite Materials in Dentistry			65	91	2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85139701665&doi=10.1016%2fB978-0-12-813742-0-00004-3	Book Chapter	Final
139	Shrivastava, K., Patel, S., Maji, P., Sinha, D.	Application of Magnetic Nanoparticles for Removal of Pesticides from Environmental Samples Prior to Instrumental Analysis	2019	Nanotechnology in the Life Sciences			247	260	2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85101619968&doi=10.1007%2f978-3-030-16439-3_13&partnerID=40&md5=4921f61363451d3085b1383c171a095a	Book Chapter	Final
140	Vinita, T., Dhruv, A., Charu, A.	Phytochemical screening, proximate and elemental analysis of plant species curcuma caesia, curcuma longa and chenopodium album	2019	Research Journal of Chemistry and Environment	23	9	113	117	2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85081199899&partnerID=40&md5=de44e05534d093c1ec732ec6649c0fec	Article	Final
141	Vara Prasad, K.N.V.V., Singh, A.K.	Meir-keeler type contraction via rational expression	2019	Acta Mathematica Universitatis Comenianae	89	1	19	25	2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85077287350&partnerID=40&md5=ad85bd0b94410a4271c303864b7ba7ff	Article	Final
142	Rai, V.K., Verma, F., Mahata, S., Bhardiya, S.R., Singh, M., Rai, A.	Metal doped-C3 N4/Fe2 O4: Efficient and versatile heterogenous catalysts for organic transformations	2019	Current Organic Chemistry	23	12	1284	1306	2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074484357&doi=10.2174%2f1385272823666190709113758&partnerID=40&md5=da8d27066e6614024db1904229ac198d	Review	Final

143	Asati, V., Ghode, P., Bajaj, S., Jain, S.K., Bharti, S.K.	3D-QSAR and molecular docking studies on oxadiazole substituted benzimidazole derivatives: Validation of experimental inhibitory potencies towards COX-2	2019	Current Computer-Aided Drug Design	15	4	277	293	2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069935426&doi=10.2174%2f157340991466166181003153249&partnerID=40&md5=53a616aaf2810f9fdb9828fb8e76144c	Article	Final
144	Sharma, P., Maya, P., Akkireddy, S., Raole, P.M., Tyagi, A.K., Attri, A., Kulriya, P.K., Bajpai, P.K., Mishra, S., Patel, S.P., Trivedi, T., Khan, K.B., Deshpande, S.P.	Effect of Heavy Mass Ion (Gold) and Light Mass Ion (Boron) Irradiation on Microstructure of Tungsten	2019	Microscopy and Microanalysis					2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85066395836&doi=10.1017%2fS1431927619000000667&partnerID=40&md5=d562a5390a2732f71ad3e5fa838615f8	Article	Article in Press
145	Harneet Kaur Kala, Mehta, R., Kamal Kumar Sen, Tandey, R., Kavi Bhushan Singh Chouhan, Kitchlu, S., Mandal, V.	Developing microwave based extraction as a tool to valorize extraction of phenolics to boost nutraceutical industries: A case study on Taraxcum officinale	2019	Current Bioactive Compounds	15	2	249	256	2	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85053476611&doi=10.2174%2f157340721466166171218153618&partnerID=40&md5=e6a1dc444c3f32eda50ca03e27205b62	Article	Final
146	Ghosh, K., Pandey, R.K., Patel, S.P., Trivedi, T., Bajpai, P.K.	Comparable nuclear and electronic energy loss effect of Au ²⁺ irradiation on structural, surface morphological, optical and phonon properties of Al:ZnO thin films	2019	Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms	459		22	28	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071568954&doi=10.1016%2fj.nimb.2019.08.014&partnerID=40&md5=0dd8d819d19300175c2d3885e98fab99	Article	Final
147	Ali, S., Rajbanshi, S., Raut, R., Pai, H., Wang, Y.Y., Gangopadhyay, G., Meng, J., Palit, R., Nag, S., Bisoi, A., Saha, S., Sethi, J., Bhattacharyya, S., Chattopadhyay, S., Mukherjee, G., Singh, A.K., Trivedi, T., Goswami, A.	Evidence of the octupole correlation between the shears bands in 142Eu	2019	Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics	798				1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85072734958&doi=10.1016%2fj.physletb.2019.134960&partnerID=40&md5=70c60595c9290229ebfea62292f150f4	Article	Final

148	Parashar, A.K.	Augmentation of compressive strength of bricks made of various materials by adding molten plastic waste	2019	International Journal of Innovative Technology and Exploring Engineering	8	10	3249	3254	1	10.35940/ijitee.J1182.0881019	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071335692&doi=10.35940/ijitee.J1182.0881019&partnerID=40&md5=f0252c779e1c18a77d8bb402960c3bab	Article	Final
149	Wani, M.R., Singh, S.S., Sharma, V.	Biochemical composition and photosynthetic activity of Pongamia pinnata (L.) Pierre in response to acute ⁶⁰ Co γ -irradiation	2019	Journal of Forestry Research	30	4	1221	1231	1	10.1007/s11676-018-0818-z	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85055248846&doi=10.1007%2fs11676-018-0818-z&partnerID=40&md5=069378c6ec8603efd17e4fba08707fdb	Article	Final
150	Tiwari, R., De, M., Tewari, H.S.	Studies on composition dependent structural and magnetic characterization of nano-crystalline cadmium doped nickel ferrite	2019	AIP Conference Proceedings	2115				1	10.1063/1.5112941	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069773942&doi=10.1063%2f1.5112941&partnerID=40&md5=a423760b86086ffa2d60ef993e5b2cb3	Conference Paper	Final
151	Singh, M., Jaiswal, A., Ulman, Y., Kumar, K.	Vocal adjustments in purple sunbird (Cinnyris asiaticus) at Noisy Habitats	2019	Acta Acustica united with Acustica	105	2	294	300	1	10.3813/AAA.919312	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85064335978&doi=10.3813%2fAAA.919312&partnerID=40&md5=fc66cf64c9718c8667d671517d85e5f1	Article	Final
152	Singh, M., Tayal, R., Shrivastava, M.	Transfer Learning Using Bi-Lstm with Attention Mechanism on Stack Exchange Data	2019	Proceedings of the International Conference on Machine Learning, Big Data, Cloud and Parallel Computing: Trends, Perspectives and Prospects, COMITCon			93	96	1	10.1109/COMITCon.2019.8862222	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074154340&doi=10.1109%2fCOMITCon.2019.8862222&partnerID=40&md5=d9253d999ad93d9b48f08f543a1534a9	Conference Paper	Final

153	Prasad, M., Rajora, S., Gupta, D., Daraghmi, Y.-A., Daraghmi, E., Yadav, P., Tiwari, P., Saxena, A.	Fusion based En-FEC Transfer Learning Approach for Automobile Parts Recognition System	2019	Proceedings of the 2018 IEEE Symposium Series on Computational Intelligence, SSCI 2018							2193	2199	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85062791566&doi=10.1109%2fSSCI.2018.8628789&partnerID=40&md5=b8a62ebae6d64a6eea8dc52b3d1b31e	Conference Paper	Final
154	Shrivastava, S., Nirala, S.K., Reshi, M.S., Shukla, S., Sharma, A., Uthra, C.	Protective efficacy of vitamin F against acrylamide induced toxicity: Studies on oxidative stress biomarkers	2019	Open Biomarkers Journal			Special issue				62	69	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85100930647&doi=10.2174%2f1875318301909010062&partnerID=40&md5=44353d68ae727d72c1406db0f70fa353	Article	Final
155	Panigrahy, S.K., Kumar, A.	Probiotics to counteract biofilm-associated infections	2019	Biofilms in Human Diseases: Treatment and Control							273	284	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85086212889&doi=10.1007%2f978-3-030-30757-8_17&partnerID=40&md5=0fa436d74b2cc89d78753a10fc837fea	Book Chapter	Final
156	Saikrishna, L., Kasa, P., Momin, S., Bhaskar, L.V.K.S.	Perspectives and molecular understanding of pancreatic cancer stem cells	2019	Exploring Pancreatic Metabolism and Malignancy							157	172	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85085429470&doi=10.1007%2f978-981-32-9393-9_9&partnerID=40&md5=251200e1fa77f3b5cf547dd8639a1875	Book Chapter	Final
157	Sahu, T., Verma, S.K., Shakya, M., Pandey, R.	An Enhanced Round-Robin-Based Job Scheduling Algorithm in Grid Computing	2019	Lecture Notes on Data Engineering and Communications Technologies		15					799	807	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083454744&doi=10.1007%2f978-981-10-8681-6_73&partnerID=40&md5=4b13edc5e31565e525d8500c35afc1aa	Book Chapter	Final
158	Prakash, P., Ekka, N., Kathane, T., Yadav, N.	Enhancement of Cloud Security and Strength of Service Using Trust Model	2019	Lecture Notes on Data Engineering and Communications Technologies		26					1345	1353	1	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85082340981&doi=10.1007%2f978-3-030-03146-6_157&partnerID=40&md5=84ca3cab2a8f8b9d61e1bae851adeadc	Book Chapter	Final

159	Gupta, M.K.	Synthesis, antimicrobial evaluation and docking studies of novel 4-acetamido-3-aminobenzoic acid derivatives as microbial neuraminidase inhibitors	2019	Research Journal of Pharmacy and Technology	12	1	303	313	1	10.5958/0974-360X.2019.00056.8	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85079604585&doi=10.5958%2f0974-360X.2019.00056.8&partnerID=40&md5=95bd3b40180b96995b25bb998230dcb0	Article	Final
160	Sepahi, M.A., Bhaskar, L.V.K.S., Tolouian, A., Tolouian, R.	Apolipoprotein L1 associated nephropathy; an overview	2019	Journal of Renal Injury Prevention	8	4	311	315	1	10.15171/jrip.2019.57	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85076314751&doi=10.15171%2fjrip.2019.57&partnerID=40&md5=808a9a3f48fd79c4db2d1866255fc40	Article	Final
161	Singh Bisht, C.M., Iqbal, S.M.S., Khan, A.A., Mohammed, T., Dawoud, A., Gamal, M., Singh, S.K., Asghar, B.H.	Natural products in drug discovery: Antibacterial and antifungal activity of essential oil of compound isolated from senecio royleanus	2019	Journal of Pure and Applied Microbiology	13	3	1611	1617	1	10.22207/JPAM.13.3.34	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073054720&doi=10.22207%2fJPAM.13.3.34&partnerID=40&md5=4a3bdfdd33422a03c39d889affe6979	Article	Final
162	Kumari, M., Ekka, D., Yadav, N.	An ESHA for RSA Cryptosystem	2019	Lecture Notes in Networks and Systems	39		375	385	1	10.1007/978-981-13-0277-0_31	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063158193&doi=10.1007%2f978-981-13-0277-0_31&partnerID=40&md5=8ee0e2aada6c4b93b9f91a7e1959bbb2	Book Chapter	Final
163	Pradhan, S., Kumar, S., Barai, S.V.	Recycled aggregate concrete: Particle packing method (PPM) of mix design approach	2019	Lecture Notes in Civil Engineering	11		759	771	1	10.1007/978-981-13-0362-3_62	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060345602&doi=10.1007%2f978-981-13-0362-3_62&partnerID=40&md5=e933f6f073fa1b55f8b869be62e7012e	Book Chapter	Final
164	Singh, V.K.	Proposing pattern growth methods for frequent pattern mining on account of its comparison made with the candidate generation and test approach for a given data set	2019	Advances in Intelligent Systems and Computing	731		203	209	1	10.1007/978-981-10-8848-3_20	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85049102049&doi=10.1007%2f978-981-10-8848-3_20&partnerID=40&md5=8bed792ba9e469dd5067cb2d01c77ea4	Conference Paper	Final
165	Shrivastava, K., Ghosale, A., Maji, P.	Advanced nanomaterials for the removal of chemical substances and microbes from contaminated and waste water	2019	Waste Management: Concepts, Methodologies, Tools, and Applications			475	502		10.4018/978-1-7998-1210-4.ch024	https://www.scopus.com/inward/record.uri?eid=2-s2.0-85137681309&doi=10.4018%2f978-1-7998-1210-4.ch024&partnerID=40&md5=f0e502d4362f6551b72516630781d9a6	Book Chapter	Final

166	Isukapatla, A.R., Sinha, M., Pulamagatta, V., Chandrasekar, A., Ahirwar, B.	Genetic Architecture of Southeast-coastal Indian tribal populations: A Y-chromosomal phylogenetic analysis	2019	Egyptian Journal of Forensic Sciences	9	1					https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067185502&doi=10.1186%2fs41935-019-0132-8&partnerID=40&md5=3d1887eb459c9c66c114b04cf47405ca	Article	Final
167	Ahmad, S., Rajput, L.	Bending analysis of interply hybrid composite plate	2019	AIP Conference Proceedings	2162						https://www.scopus.com/inward/record.uri?eid=2-s2.0-85074748072&doi=10.1063%2f1.5130233&partnerID=40&md5=467c1dd3870331342bce67198f7859a7	Conference Paper	Final
168	Kabir, Rai, P.	Mediating effect of social status between functioning of mfis and empowerment of beneficiaries	2019	International Journal of Innovative Technology and Exploring Engineering	8	12	1332	1337			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073779085&doi=10.35940%2fijitee.L3923.10811081219&partnerID=40&md5=1af55c69be4d80318c3cf606c212541f	Article	Final
169	Parashar, A.K., Atmapoojya, S.	Assessment of peak ground acceleration for south chhattisgarh (India), with local site parameters: A deterministic method	2019	International Journal of Recent Technology and Engineering	8	3	873	877			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85073732555&doi=10.35940%2fijrte.C4069.0983098319&partnerID=40&md5=4494d640d9d89600993ab53512531861	Article	Final
170	Patra, G.K., Rout, K., Manna, A.K., Sahu, M.	Benzil hydrazone derived dimines: Abrief overview	2019	Imines: An Overview			1	34			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85083477283&partnerID=40&md5=7259a935efc73ced1a01bd07dea73c8d	Book Chapter	Final
171	Bera, G., Reddy, V.R., Rambabu, P., Mal, P., Das, P., Padmaja, G., Turpu, G.R.	Low temperature synthesis of FeVO4 through mechano milling assisted solid state reaction method	2019	AIP Conference Proceedings	2115						https://www.scopus.com/inward/record.uri?eid=2-s2.0-85069767088&doi=10.1063%2f1.5112949&partnerID=40&md5=ad1e0617f91fbb6dfd0fdd1bbb446b8d	Conference Paper	Final
172	Dixit, A.K., Kerketta, M.A.	Richness of Thalloid Liverworts in Bilaspur, Achanakmar-Amkantak Biosphere Reserve and Lafa hills, Chhattisgarh (India)	2019	Plant Science Today	6	3	287	298			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85070241310&doi=10.14719%2fpst.2019.6.3.469&partnerID=40&md5=79aee1159c0bb1f40868014b462ecc3	Review	Final
173	Sahu, A.K., Narang, H.K., Rajput, M.S., Sahu, N.K.	A SAW mechanism for investigating the status of industrial robots under comprehensive sustainable aspects	2019	International Journal of Social Ecology and Sustainable Development	10	3	69	84			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071277172&doi=10.4018%2fIJSESD.20190701070105&partnerID=40&md5=bdd0023b12ce5671df2183d71b0f84cf	Article	Final

174	Sahu, A.K., Narang, H.K., Rajput, M.S., Sahu, N.K.	Sustainability appraisal of industrial robots by GRA for real automation environment	2019	International Journal of Social Ecology and Sustainable Development	10	3	53	68			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85071251763&doi=10.4018%2fIJSESD.2019070104&partnerID=40&md5=17c15b8be6e4eff25e1b6b8e2d6d7b86	Article	Final
175	Rai, A.K., Agrawal, S., Khaliq, M., Kumar, A.	Risk management building block for the open agile software development life cycle (OASDLC)	2019	International Journal of Innovative Technology and Exploring Engineering	8	7	2499	2503			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85067892728&partnerID=40&md5=0dee7ffadafa8992a52c2550409c022a	Article	Final
176	Mark, R., Rajak, N., Das, S.	Isolation enhancement in two port MIMO system using parallel coupled lines	2019	2019 URSI Asia-Pacific Radio Science Conference, AP-RASC 2019							https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068623879&doi=10.23919%2fURSIAP-RASC.2019.8738680&partnerID=40&md5=148cde3d739bf7aa25ea5af304b28826	Conference Paper	Final
177	Mishra, N.K., Das, S.	Cylindrical dielectric resonator antenna array with beam steering capability	2019	2019 URSI Asia-Pacific Radio Science Conference, AP-RASC 2019							https://www.scopus.com/inward/record.uri?eid=2-s2.0-85068615484&doi=10.23919%2fURSIAP-RASC.2019.8738470&partnerID=40&md5=15a0da7de3fbe6b7eef071890e739a33	Conference Paper	Final
178	Matejska-Minda, M., Kumar, R., Napiorkowski, P.J., Saxena, M., Dutt, S., Agarwal, A., Ahmed, I., Bhattacharya, S., Jhingan, A., Kaur, J., Kicińska-Habior, M., Kumar, M., Kumar, S., Kumar, D., Nanal, V., Palit, R., Rai, N.K., Shuaib, M., Sood, A., Stolarz, A., Trivedi, T., Tyagi, A.K., Bhowmik, R.K., Wollersheim, H.J.	Investigation of an intruder band in 45 Sc via coulomb excitation \hat{a}^-	2019	Acta Physica Polonica B	50	3	411	416			https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063662795&doi=10.5506%2fAPhysPolB.50.411&partnerID=40&md5=5d0ae9a8d8735916f860a3465cd2d839	Article	Final

179	Kumar, S., Sihotra, S., Singh, V., Rather, J., Kaur, M., Goswamy, J., Singh, N., Mehta, D., Trivedi, T., Singh, R.P., Muralithar, S., Palit, R.	Shell-model description in 99 rh and systematics of odd-A Rh isotopes	2019	Acta Physica Polonica B	50	2	159	171		https://www.scopus.com/inward/record.uri?eid=2-s2.0-85063685145&doi=10.5506%2fAPhysPolB.50.159&partnerID=40&md5=1c39351645799c5d0e33d493b08ff492	Article	Final
180	Singh, V.	Urban poverty: Situating ngos in social inclusion of urban poor	2019	Social Welfare Policies and Programmes in South Asia			157	172	10.4324/9780429323041-11	Book Chapter	Final	
181	Verma, H.K., Bhaskar, L.V.K.S.	Insulin resistance is a common core tethered to diabetes and pancreatic cancer risk	2019	Exploring Pancreatic Metabolism and Malignancy			197	213	10.1007/978-981-32-9393-9_12	Book Chapter	Final	
182	Sharma, R., Yadav, N.	Implementation of Open Shortest Path First Version 3 (OSPFv3) with Encryption and Authentication in IPv6 Network	2019	Lecture Notes on Data Engineering and Communications Technologies	15		767	776	10.1007/978-981-10-8681-6_70	Book Chapter	Final	
183	Soni, S., Shrivastava, M.	Green corridor: A self-learning and educating algorithm for engineers (industry/students) to send data in emergency situations through wireless sensor network	2019	International Journal of Electrical Engineering Education					10.1177/0020720919879383	Article	Article in Press	
184	Sisodia, D.S., Singh, M.	An empirical investigation of discretization techniques on the classification of proteinâ€™Protein interaction	2019	Advances in Intelligent Systems and Computing	748		509	521	10.1007/978-981-13-0923-6_44	Conference Paper	Final	