

List of Publications - 2018

Sno	Authors	Title	Journal	Year	Vol	Pages Start	Pages end	Impact Factor	Scopus Indexed	SJR
1	Jha, Kunal Kumar; Dutta, Sanjay; Sar, Saibal; Sen, Subhabrata; Munshi, Parthapratim	Harnessing sun for catalyst and sensitizerfree regio- and stereo-selective [2+2] cycloaddition	Tetrahedron	2018	74	7326	7334	2.38	Indexed	Q2
2	Timoshin, S.A.	Bang-bang control of a thermostat with nonconstant cooling power	ESAIM - Control, Optimisation and Calculus of Variations	2018	24	709	719	1.3	Indexed	Q1
3	Swaminathan, S., Sommers, B.D., Thorsness, R., Mehrotra, R., Lee, Y., Trivedi, A.N.	Association of Medicaid Expansion with 1-Year Mortality among Patients with End-Stage Renal Disease	JAMA - Journal of the American Medical Association	2018	320	2242	2250	51.27	Indexed	Q1
4	Narenkumar, J., Parthipan, P., Madhavan, J., Murugan, K., Marpu, S.B., Suresh, A.K., Rajasekar, A.	Bioengineered silver nanoparticles as potent anti-corrosive inhibitor for mild steel in cooling towers	Environmental Science and Pollution Research	2018	25	5412	5420	2.91	Indexed	Q2
5	Sreenivasulu, T., Bhowmick, K., Samad, S.A., Yadunath, T.I.R., Badrinarayana, T., Hegde, G., Srinivas, T.	Photonic crystal ring resonator-based four-channel dense wavelength division multiplexing demultiplexer on silicon on insulator platform: Design and analysis	Optical Engineering	2018	57	-	-	1.21	Indexed	Q1
6	Sreenivasulu, T., Rao, V., Badrinarayana, T., Hegde, G., Srinivas, T.	Photonic crystal ring resonator based force sensor: Design and analysis	Optik	2018	155	111	120	1.91	Indexed	Q2
7	Dutta, P.K., Sen, S.	(Benz)imidazole-Directed Cobalt(III)-Catalyzed C-H Activation of Arenes: A Facile Strategy to Access Polyheteroarenes by Oxidative Annulation	European Journal of Organic Chemistry	2018	2018	5512	5519	3.03	Indexed	Q1
8	Chauhan, J., Dasgupta, M., Luthra, T., Awasthi, A., Tripathy, S., Banerjee, A., Paul, S., Nag, D., Chakrabarti, S., Chakrabarti, G., Sen, S.	Design, synthesis and biological evaluation of a novel library of antimitotic C²-aroyl/arylimino tryptamine derivatives that are also potent inhibitors of indoleamine-2, 3-dioxygenase (IDO)	European Journal of Pharmaceutical Sciences	2018	124	249	265	3.53	Indexed	Q1
9	Panneer, S.V.K., Ravva, M.K., Mishra, B.K., Subramanian, V., Sathyamurthy, N.	Co-operativity in non-covalent interactions in ternary complexes: a comprehensive electronic structure theory based investigation	Journal of Molecular Modeling	2018	24	-	-	1.34	Indexed	Q3
10	Liao, H., Xiao, C., Ravva, M.K., Wang, Y., Little, M., Jenart, M.V.C., Onwubiko, A., Li, Z., Wang, Z., Brédas, J.-L., McCulloch, I., Yue, W.	Synthesis and properties of isoindigo and benzo[1,2-b: B:4,5-b']bis [b] benzothiophene oligomers	Chemical Communications	2018	54	11152	11155	6.16	Indexed	Q1
11	Pradhan, A.K., Chatterjee, B.C., Oki, E., De, T.	Knapsack based multicast traffic grooming for optical networks	Optical Switching and Networking	2018	27	40	49	1.35	Indexed	Q2
12	Sujatha, C., Bhatt, C.S., Ravva, M.K., Suresh, A.K., Namitharan, K.	Copper-Catalyzed Ring-Expansion Cascade of Azirines with Alkynes: Synthesis of Multisubstituted Pyridines at Room Temperature	Organic Letters	2018	20	3241	3244	6.56	Indexed	Q1
13	Feßler, A.T., Schuenemann, R., Kadlec, K., Hensel, V., Brombach, J., Murugaiyan, J., Oechtering, G., Burgener, I.A., Schwarz, S.	Methicillin-resistant Staphylococcus aureus (MRSA) and methicillin-resistant Staphylococcus pseudintermedius (MRSP) among employees and in the environment of a small animal hospital	Veterinary Microbiology	2018	221	153	158	2.79	Indexed	Q1
14	Bostick, C.D., Mukhopadhyay, S., Pecht, I., Sheves, M., Cahen, D., Lederman, D.	Protein bioelectronics: A review of what we do and do not know	Reports on Progress in Physics	2018	81	-	-	16.62	Indexed	Q1

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15	Rehman, A.U., Moghal, A.A.B.	The Influence and Optimization of Treatment Strategy in	Arabian Journal for	2018	43	5129	5141	1.52	Indexed	Q2
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		Enhancing Semiarid Soil Geotechnical Properties	Science and Engineering							
16	Almeida, G., Ashton, O.J., Goldoni, L., Maggioni, D., Petralanda, U., Mishra, N., Akkerman, Q.A., Infante, I., Snaith, H.J., Manna, L.	The Phosphine Oxide Route toward Lead Halide Perovskite Nanocrystals	Journal of the American Chemical Society	2018	140	14878	14886	14.7	Indexed	Q1
17	Tsvetkov, D.S., Maram, P.S., Tsvetkova, N.S., Zuev, A.Y., Navrotsky, A.	High-Resolution Thermochemical Study of Phase Stability and Rapid Oxygen Incorporation in $\text{YBaCo}_{4-x}\text{Zn}_x\text{O}_{7+\delta}$ 114-Cobaltites	Journal of Physical Chemistry A	2018	122	9597	9604	2.64	Indexed	Q2
18	Hari Balakrishnan, M., Sathriyan, K., Mannathan, S.	Nickel-Catalyzed Denitrogenative Cross-Coupling Reaction of 1,2,3-Benzotriazin-4(3 H)-ones with Organoboronic Acids: An Easy Access to Ortho-Arylated and Alkenylated Benzamides	Organic Letters	2018	20	3815	3818	6.56	Indexed	Q1
19	Lakshmana Rao, A., Kulshrestha, N., Bahuguna, P.C., Rama Krishnan, G.	Overview of human resource environment with special reference to impact of Gender gap on organizational growth and development	Academy of Strategic Management Journal	2018	17	-	-	0	Indexed	Q2
20	Kaushik, N., Anang, S., Ganti, K.P., Surjit, M.	Zinc: A Potential Antiviral Against Hepatitis e Virus Infection?	DNA and Cell Biology	2018	37	593	599	2.92	Indexed	Q2
21	Behera, H., Das, S., Sahoo, T.	Wave propagation through mangrove forests in the presence of a viscoelastic bed	Wave Motion	2018	78	162	175	1.58	Indexed	Q2