

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 sensitizer free 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: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 |
| 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 $\text{YBaCo}_{1-x}\text{Zn}_x\text{O}_{7+\delta}$ 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(3H)-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 |