

List of Research Publications: Academic year 2020-2021: (16)

Sr. No.	Principal Author/ Author	Title of the Publication	Publication details
1	Dr. A. B. Nikumbh	Apparent molar volumes and viscosity B coefficients of Atrazine pesticide in binary liquid mixtures of DMF and DMSO at different temperatures.	Dogo Rangsang Research Journal , Oct. 2020 , 10 (02),79-89. UGC Care Group I Journal
2	Dr. A. B. Nikumbh	Apparent Molar Volumes and Viscosity B Coefficients of Imidacloprid Pesticide in Binary Mixture of DMF and DMSO at Different Temperatures	Int. Res. J. Pharm. 2020 , 11 (6), 25.
3	Dr. K. G. Kanade	Nanostructured N doped TiO2 efficient stable catalyst for Kabachnik–Fields reaction under microwave irradiation	RSC Advances 2020 , 10(45), 26997-27005
4	Dr. K. G. Kanade	Facile synthesis of nanostructured Ni-Co/ZnO material: An efficient and inexpensive catalyst for Heck reactions under ligand-free conditions	<u>Arabian Journal of Chemistry</u> , December 2020 , <u>13 (12)</u> , 9005-9018
5	Dr. A.A. Kale	Biosorption of chromium (vi) by using sulphonated biomass of stalks of Prunuscerasus	International journal of modern pharmaceutical research issn: 2319-5878 <i>ijmpr</i> ,31-0- 2020 , 4(3), PP- 90-96
6	Dr. A.A. Kale	Biosorption of Pb ²⁺ ions by Nitrated biomass of Bengal gram (Cicer arietinum) NBKA.	Journal of Engineering Sciences Aug. 2020 , 11 (8), 62-73.
7	Dr. R. V. Hangarge	Basic hydrotalcite catalyzed Knoevenagel condensation: Synthesis of 3-Methyl-4-[(1,3-diphenyl-1 <i>H</i> -pyrazolo-4-yl)-methylene]-1-phenylpyrazolein-5-(4 <i>H</i>)-ones	Scholars Impact, An international multidisciplinary, multilingual peer reviewed research journal 2020 , 7 (4), 70-71
8	Dr. A.A. Kale	Synthesis and Bioactivity of Dihydropyrimidinone Derivatives Containing Phthalimide Moiety	IJIRT 151319 International Journal of Innovative Research in Technology, May 2021 , 7 (12), 426-431.

9	Dr. A.A. Kale	Investigation of Sorption of Methylene Blue onto Crushed Biomass of Ailanthus Excelsa.	Journal of Enhanced Research in Science, Technology & Engineering, April 2021 , 10 (4),pg. 17-25
10	Dr. A.A. Kale	Biosorption Potential for Methylene Blue by Sieved Biomass of Ailanthus 2xcelsa.	International Journal of Research and Analytical Reviews (IJRAR) 2021 , 8 (2), 477-487
11	Dr. A.A. Kale	To Study Adsorption Capacity of Methylene Blue by Powdered Biomass of Ailanthus excels	International Journal of All Research Education and Scientific Methods (IJARESM), April 2021 ,9 (4), 141-150.
12	Dr. R. V. Hangarge	Peterson olefination in an ionic liquid: A greener approach	Chemistry & Biology Interface 2021 , 11 (2), 57-60
13	Dr. S. B. Misal	Synthesis, structural and electrical conduction of some dual doped semiconductor oxides nanoparticles for photocatalytic degradation of Victoria blue-B and Brilliant yellow under solar light irradiation	J. Mater Sci: Mater Electron 2021 , 32, 4998-5034
14	Dr. K. G. Kanade	<u>Photocatalytic dye degradation study of TiO2 material</u>	Materials Today: Proceedings 2021 /1/1, 43 (4), 2738-2741
15	Dr. K. G. Kanade	Synergistic surface basicity enhancement effect for doping of transition metals in nano-crystalline MgO as catalysts towards one pot Wittig reaction.	Arabian Journal of Chemistry 2021 , 14, 103134-103147
16	Dr. A. B. Nikumbh	Synthesis and biological screening of some new 5,7-dihydro-4H-thienol.....and 1,3 thiazoles.	IJHC, 2020, Vol.30, In press