

Jyoti Kuntail

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	In-situ H ₂ O ₂ production for tetracycline degradation on Ag/s-(Co ₃ O ₄ /NiFe ₂ O ₄) visible light magnetically recyclable photocatalyst. <i>Applied Surface Science</i> , 2022, 589, 153013.	6.1	28
2	Mechanism of phenol and p-nitrophenol adsorption on kaolinite surface in aqueous medium: A molecular dynamics study. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 116, 108251.	2.4	10
3	Visible light enhanced p-nitrophenol reduction by glycerol over Ag/Cu core-shell bimetallic nanocatalysts. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105655.	6.7	15
4	AgI/CuWO ₄ Z-scheme photocatalyst for the degradation of organic pollutants: Experimental and molecular dynamics studies. <i>Journal of Colloid and Interface Science</i> , 2021, 599, 717-729.	9.4	50
5	Photo-Fenton interfacial phenomena on graphene oxide: Computational and experimental investigations. <i>Journal of Molecular Liquids</i> , 2021, 342, 117461.	4.9	5
6	Interfacial phenomena during Fenton reaction on starch stabilized magnetite nanoparticles: Molecular dynamics and experimental investigations. <i>Journal of Molecular Liquids</i> , 2020, 318, 114037.	4.9	10
7	Theoretical and experimental studies of pyranopyrazoles and their tribological compatibility with a borate ester. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020, 606, 125497.	4.7	9
8	Amino Borate-Functionalized Reduced Graphene Oxide Further Functionalized with Copper Phthalocyanine Nanotubes for Reducing Friction and Wear. <i>ACS Applied Nano Materials</i> , 2020, 3, 5530-5541.	5.0	16
9	Computational Insight into the Mechanism of Arsenous Acid Adsorption on Magnetite (311) Surface. <i>Industrial & Engineering Chemistry Research</i> , 2019, 58, 19197-19201.	3.7	16
10	Construction of a Visible Light Z-scheme Photocatalyst: Curcumin Functionalized Cu ₂ O/Ag Nanocomposites. <i>ChemistrySelect</i> , 2019, 4, 10709-10718.	1.5	7
11	Mechanism of triboactivity of Schiff bases: Experimental and molecular dynamics simulations studies. <i>Journal of Molecular Liquids</i> , 2019, 289, 111171.	4.9	13
12	Curcumin functionalized CuO/Ag nanocomposite: Efficient visible light Z-scheme photocatalyst for methyl orange degradation. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2019, 12, 100236.	2.9	12
13	Adsorption mechanism of phenol, p-chlorophenol, and p-nitrophenol on magnetite surface: A molecular dynamics study. <i>Journal of Molecular Liquids</i> , 2019, 288, 111053.	4.9	36