Prashant Kumar Mishra

List of Publications by Year
in descending order

10 papers	304 citations	1039406 9 h-index	1372195 10 g-index
10 all docs	10 docs citations	10 times ranked	438 citing authors

#	Article	IF	Citations
1	Self-assembly of carbohydrate-based small amphiphiles and their applications in pathogen inhibition and drug delivery: a review. Materials Advances, 2021, 2, 3459-3473.	2.6	19
2	Non-ionic small amphiphile based nanostructures for biomedical applications. RSC Advances, 2020, 10, 42098-42115.	1.7	25
3	Bio-Inspired Preparation of Clayâ€“Hexacyanoferrate Composite Hydrogels as Super Adsorbents for Cs⁺. ACS Applied Materials & Interfaces, 2020, 12, 33173-33185.	4.0	46
4	Hybridized Graphitic Carbon Nitride (g-CN) as High Performance VOCsÂSensor. Materials Horizons, 2020, , 285-302.	0.3	7
5	Aero-gel based CeO₂ nanoparticles: synthesis, structural properties and detailed humidity sensing response. Journal of Materials Chemistry C, 2019, 7, 5477-5487.	2.7	62
6	Ultrafast removal of arsenic using solid solution of aero-gel based Ce1-XTixO2-Y oxide nanoparticles. Chemosphere, 2019, 217, 483-495.	4.2	19
7	Surfactant-free one-pot synthesis of CeO₂, TiO₂ and Ti@Ce oxide nanoparticles for the ultrafast removal of Cr(<scp>vi</scp>) from aqueous media. Nanoscale, 2018, 10, 7257-7269.	2.8	42
8	Aero-gel assisted synthesis of anatase TiO₂ nanoparticles for humidity sensing application. Dalton Transactions, 2018, 47, 6293-6298.	1.6	26
9	Surfactantâ€Free Oneâ€Pot Synthesis of Lowâ€Density Cerium Oxide Nanoparticles for Adsorptive Removal of Arsenic Species. Environmental Progress and Sustainable Energy, 2018, 37, 221-231.	1.3	27
10	Aero-Gel Based Cerium Doped Iron Oxide Solid Solution for Ultrafast Removal of Arsenic. ACS Sustainable Chemistry and Engineering, 2018, 6, 10668-10678.	3.2	31