

Prashant Kumar Mishra

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1277778/publications.pdf>

Version: 2024-02-01

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