

Pramod Kumar Rai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1451529/publications.pdf>

Version: 2024-02-01

11
papers

245
citations

1307543

7
h-index

1281846

11
g-index

11
all docs

11
docs citations

11
times ranked

416
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.	5.5	62
2	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.	5.6	42
3	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.	6.7	31
4	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.	2.3	27
5	Aero-gel assisted synthesis of anatase TiO ₂ nanoparticles for humidity sensing application. <i>Dalton Transactions</i> , 2018, 47, 6293-6298.	3.3	26
6	Removal of Trinitrotoluene with Nano Zerovalent Iron Impregnated Graphene Oxide. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	21
7	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.	8.2	19
8	Catalyst-free one-pot regioselective synthesis of benzo[<i>d</i>]imidazo[2,1- <i>b</i>]thiazoles by heating or grinding. <i>Journal of Heterocyclic Chemistry</i> , 2019, 56, 3055-3064.	2.6	6
9	Zero valent cobalt impregnated silica nanoparticles for the sanitation of contaminated water. <i>Environmental Progress and Sustainable Energy</i> , 2019, 38, S42.	2.3	5
10	Comparative study for removal of nitro-heterocyclic explosives using magnetic graphene nanocomposites. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 671-679.	2.1	3
11	Adsorptive removal of trinitrophenol using nano Fe ₂ O ₃ /reduced graphene oxide. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 571-581.	2.1	3