

Revathy Rr Rajagopal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1925582/publications.pdf>

Version: 2024-02-01

14
papers

194
citations

1163117

8
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

146
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of a novel nanocomposite containing micro-nutrient solubilizing bacterial strains and CeO ₂ nanocomposite as bio-fertilizer. <i>Chemosphere</i> , 2022, 286, 131800.	8.2	17
2	Fabrication of CeO ₂ /CuI thin film with CdO as a buffer " A heterojunction diode. <i>Solid State Sciences</i> , 2022, 125, 106818.	3.2	2
3	Green synthesized CuI as an adsorbent and a photocatalyst in the removal of aqueous reactive red 256 & reactive black 5 dyes. <i>Surfaces and Interfaces</i> , 2022, 29, 101724.	3.0	5
4	Integrated approach on azo dyes degradation using laccase enzyme and CuI nanoparticle. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	18
5	Effect of shape and anthocyanin capping on antibacterial activity of CuI particles. <i>Environmental Research</i> , 2021, 200, 111759.	7.5	8
6	Application of green synthesised copper iodide particles on cotton fabric-protective face mask material against COVID-19 pandemic. <i>Journal of Materials Research and Technology</i> , 2021, 15, 2102-2116.	5.8	18
7	Performance evaluation and mechanism analysis of halotolerant bacterial strains and cerium oxide nanoparticle to degrade Benzo[a]pyrene. <i>Environmental Technology and Innovation</i> , 2021, 24, 101980.	6.1	4
8	Green synthesis, characterization, catalytic and antibacterial studies of copper iodide nanoparticles synthesized using Brassica oleracea var. capitata f. rubra extract. <i>Chemical Data Collections</i> , 2020, 29, 100538.	2.3	9
9	Remediation of heavy metals (Cr, Zn) using physical, chemical and biological methods: a novel approach. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	41
10	Application of green synthesized nanocrystalline CuI in the removal of aqueous Mn(VII) and Cr(VI) ions. <i>SN Applied Sciences</i> , 2019, 1, 1.	2.9	20
11	Organic ligand capping of CuI for enhanced electrical and ionic conductivity. <i>Journal of Materials Research and Technology</i> , 2019, 8, 2326-2335.	5.8	4
12	Selenate precursor for synthesis of CZTSSe: Performance as thinfilm solar cell. <i>Journal of Alloys and Compounds</i> , 2019, 790, 640-649.	5.5	8
13	Alanine capping of ZnO nanorods: increased carrier concentration in ZnO/CuI heterojunction diode. <i>RSC Advances</i> , 2018, 8, 5350-5361.	3.6	37
14	Synthesis, Characterization, and Thermal Decomposition of Double Rare Earth Monomethylammonium Selenates. <i>Monatshefte für Chemie</i> , 2002, 133, 1387-1395.	1.8	2