

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