

Sarika Singh

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,443
citations

623734

14
h-index

839539

18
g-index

21
all docs

21
docs citations

21
times ranked

2472
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface engineered magnetic nanoparticles for removal of toxic metal ions and bacterial pathogens. Journal of Hazardous Materials, 2011, 192, 1539-1547.	12.4	296
2	Porosity and photocatalytic studies of transition metal doped ZnO nanoclusters. Microporous and Mesoporous Materials, 2010, 134, 195-202.	4.4	186
3	Fe ₃ O ₄ embedded ZnO nanocomposites for the removal of toxic metal ions, organic dyes and bacterial pathogens. Journal of Materials Chemistry A, 2013, 1, 3325.	10.3	186
4	Carboxyl decorated Fe ₃ O ₄ nanoparticles for MRI diagnosis and localized hyperthermia. Journal of Colloid and Interface Science, 2014, 418, 120-125.	9.4	105
5	Functional Oxide Nanomaterials and Nanocomposites for the Removal of Heavy Metals and Dyes. Nanomaterials and Nanotechnology, 2013, 3, 20.	3.0	102
6	pH-Responsive Peptide Mimic Shell Cross-Linked Magnetic Nanocarriers for Combination Therapy. Advanced Functional Materials, 2012, 22, 4975-4984.	14.9	93
7	Influence of LaNiO ₃ Shape on Its Solid-Phase Crystallization into Coke-Free Reforming Catalysts. ACS Catalysis, 2016, 6, 4199-4205.	11.2	93
8	Exsolution of Re-alloy catalysts with enhanced stability for methane dry reforming. Applied Catalysis B: Environmental, 2017, 209, 711-719.	20.2	90
9	Shape-controlled hierarchical ZnO architectures: photocatalytic and antibacterial activities. CrystEngComm, 2013, 15, 4631.	2.6	84
10	Inactivation of bacterial pathogens under magnetic hyperthermia using Fe ₃ O ₄ -ZnO nanocomposite. Powder Technology, 2015, 269, 513-519.	4.2	52
11	NOVEL AND EFFICIENT THREE DIMENSIONAL MESOPOROUS ZnO NANOASSEMBLIES FOR ENVIRONMENTAL REMEDIATION. International Journal of Nanoscience, 2011, 10, 1001-1005.	0.7	41
12	Reusable sunlight activated photocatalyst Ag ₃ PO ₄ and its significant antibacterial activity. Materials Chemistry and Physics, 2016, 173, 385-394.	4.0	31
13	Role of 2D and 3D defects on the reduction of LaNiO ₃ nanoparticles for catalysis. Scientific Reports, 2017, 7, 10080.	3.3	27
14	Catalytic and antibacterial activity of Ag decorated magnetic core shell nanosphere. Colloids and Surfaces B: Biointerfaces, 2015, 133, 58-65.	5.0	24
15	Expanding possibilities for solid-phase crystallization by exsolving tunable Pd-NiO core-shell nanostructures. CrystEngComm, 2018, 20, 6372-6376.	2.6	12
16	Highly efficient zinc oxide-reduced graphene oxide nanohybrids for photocatalytic degradation of dye under dark and UV light. Materials Research Express, 2019, 6, 1250b1.	1.6	9
17	Highly efficient and reusable dendritic Fe ₃ O ₄ magnetic nanoadsorbent for inhibition of bacterial growth. Surfaces and Interfaces, 2019, 17, 100348.	3.0	5
18	Nanomagnetic chelators for removal of toxic metal ions. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	Multifunctional growth of dendritic magnetic nanocarrier for targeted drug delivery. Materials Today: Proceedings, 2021, 43, 3286-3290.	1.8	1
20	Nanomaterials aspects for photocatalysis. , 2022, , 23-46.		1