

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	Nanomaterials aspects for photocatalysis. , 2022, , 23-46.		1
2	Multifunctional growth of dendritic magnetic nanocarrier for targeted drug delivery. Materials Today: Proceedings, 2021, 43, 3286-3290.	1.8	1
3	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
4	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
5	Expanding possibilities for solid-phase crystallization by exsolving tunable Pd@NiO core-shell nanostructures. CrystEngComm, 2018, 20, 6372-6376.	2.6	12
6	Exsolution of Re-alloy catalysts with enhanced stability for methane dry reforming. Applied Catalysis B: Environmental, 2017, 209, 711-719.	20.2	90
7	Role of 2D and 3D defects on the reduction of LaNiO ₃ nanoparticles for catalysis. Scientific Reports, 2017, 7, 10080.	3.3	27
8	Influence of LaNiO ₃ Shape on Its Solid-Phase Crystallization into Coke-Free Reforming Catalysts. ACS Catalysis, 2016, 6, 4199-4205.	11.2	93
9	Reusable sunlight activated photocatalyst Ag ₃ PO ₄ and its significant antibacterial activity. Materials Chemistry and Physics, 2016, 173, 385-394.	4.0	31
10	Catalytic and antibacterial activity of Ag decorated magnetic core shell nanosphere. Colloids and Surfaces B: Biointerfaces, 2015, 133, 58-65.	5.0	24
11	Inactivation of bacterial pathogens under magnetic hyperthermia using Fe ₃ O ₄ @ZnO nanocomposite. Powder Technology, 2015, 269, 513-519.	4.2	52
12	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
13	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
14	Shape-controlled hierarchical ZnO architectures: photocatalytic and antibacterial activities. CrystEngComm, 2013, 15, 4631.	2.6	84
15	Functional Oxide Nanomaterials and Nanocomposites for the Removal of Heavy Metals and Dyes. Nanomaterials and Nanotechnology, 2013, 3, 20.	3.0	102
16	Nanomagnetic chelators for removal of toxic metal ions. , 2013, , .		2
17	pH-Responsive Peptide Mimic Shell Cross-Linked Magnetic Nanocarriers for Combination Therapy. Advanced Functional Materials, 2012, 22, 4975-4984.	14.9	93
18	Surface engineered magnetic nanoparticles for removal of toxic metal ions and bacterial pathogens. Journal of Hazardous Materials, 2011, 192, 1539-1547.	12.4	296

#	ARTICLE	IF	CITATIONS
19	NOVEL AND EFFICIENT THREE DIMENSIONAL MESOPOROUS ZnO NANOASSEMBLIES FOR ENVIRONMENTAL REMEDIATION. International Journal of Nanoscience, 2011, 10, 1001-1005.	0.7	41
20	Porosity and photocatalytic studies of transition metal doped ZnO nanoclusters. Microporous and Mesoporous Materials, 2010, 134, 195-202.	4.4	186