

Mustri Bano

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

531
citations

933447

10
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

832
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective photocatalytic degradation of Congo red dye using alginate/carboxymethyl cellulose/TiO ₂ nanocomposite hydrogel under direct sunlight irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2016, 327, 33-43.	3.9	189
2	Solar-assisted photocatalytic reduction of methyl orange azo dye over porous TiO ₂ nanostructures. <i>New Journal of Chemistry</i> , 2016, 40, 5483-5494.	2.8	57
3	Hierarchical synthesis of silver monoliths and their efficient catalytic activity for the reduction of 4-nitrophenol to 4-aminophenol. <i>New Journal of Chemistry</i> , 2016, 40, 6787-6795.	2.8	56
4	Gold nanoparticle and graphene oxide incorporated strontium crosslinked alginate/carboxymethyl cellulose composites for o-nitroaniline reduction and Suzuki-Miyaura cross-coupling reactions. <i>Journal of Colloid and Interface Science</i> , 2017, 505, 115-129.	9.4	46
5	Self-organized graphene oxide and TiO ₂ nanoparticles incorporated alginate/carboxymethyl cellulose nanocomposites with efficient photocatalytic activity under direct sunlight. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2017, 346, 113-125.	3.9	38
6	Fabrication of hierarchically organized nanocomposites of Ba/alginate/carboxymethylcellulose/graphene oxide/Au nanoparticles and their catalytic efficiency in o-nitroaniline reduction. <i>New Journal of Chemistry</i> , 2015, 39, 9761-9771.	2.8	26
7	Synthesis of mesoporous TiO ₂ and its role as a photocatalyst in degradation of indigo carmine dye. <i>Journal of Sol-Gel Science and Technology</i> , 2016, 79, 228-237.	2.4	18
8	Fabrication of hierarchically mesoporous CuO nanostructures and their role as heterogenous catalysts and sensors. <i>RSC Advances</i> , 2016, 6, 42807-42818.	3.6	12
9	Hierarchically macroporous silver monoliths using Pluronic F127: Facile synthesis, characterization and its application as an efficient biomaterial for pathogens. <i>Journal of Saudi Chemical Society</i> , 2016, 20, 237-244.	5.2	11
10	Facile synthesis of macroporous Ag and CuO monoliths as an efficient nonenzymatic electrochemical sensor and antimicrobial agent. <i>Journal of Solid State Chemistry</i> , 2019, 273, 233-242.	2.9	11
11	Surfactant-assisted morphological tuning of porous metallic silver sponges: facile synthesis, characterization and catalytic performance. <i>Journal of Sol-Gel Science and Technology</i> , 2015, 76, 572-581.	2.4	10
12	Architecture of Ba/alginate/dextran stabilized Au, Fe ₃ O ₄ , TiO ₂ & silica nanoparticles gels and their applications for reduction of 4-nitrophenol and glucose sensing. <i>Reactive and Functional Polymers</i> , 2016, 105, 78-88.	4.1	10
13	Design of functionalized-ZnNP decorated fMWCNT-IL composite CPE: An ideal electrode material for enhanced electrocatalytic determination of pymetrozine. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2018, 238-239, 83-92.	3.5	9
14	Hierarchical porous silver metal using Pluronic F-127 and graphene oxide as reinforcing agents for the reduction of o-nitroaniline to 1, 2-benzenediamine. <i>Journal of Solid State Chemistry</i> , 2017, 248, 40-50.	2.9	8
15	Fabrication of hierarchically mesoporous NiO nanostructures and their role in heterogeneous photocatalysis and sensing activity. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 5768-5781.	2.2	8
16	Synthesis of quaternary nanocomposites for catalytic reduction of Cr(VI) to Cr(III) and its sensing. <i>Reactive and Functional Polymers</i> , 2020, 150, 104545.	4.1	8
17	Hierarchical copper nanocomposites and their applications for catalytic reduction of o-nitroaniline to 1,2-benzenediamine and sensor activities against oxytocin. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 25149.	2.2	5
18	Synthesis of Ag monoliths for multifunctional applications. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2021, 264, 114956.	3.5	4

#	ARTICLE	IF	CITATIONS
19	“Design and Synthesis of 3D-Ordered Mesoporous Co ₃ O ₄ Nanostructures for Their Improved Supercapacitance and Photocatalytic Activity” ChemistrySelect, 2017, 2, 9726-9735.	1.5	3
20	Silver monoliths and their applications in catalytic reduction of 4-NP to 4-AP and sensing against As ³⁺ . Journal of Porous Materials, 2022, 29, 459-471.	2.6	2