

Mustri Bano

List of Publications by Year in descending order

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20
papers

531
citations

1051969

10
h-index

843174

20
g-index

20
all docs

20
docs citations

20
times ranked

947
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.3	2
2	Synthesis of Ag monoliths for multifunctional applications. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2021, 264, 114956.	1.7	4
3	Hierarchical copper nanocomposites and their applications for catalytic reduction of o-nitroaniline to 1,2-benzenediamine and sensor activities against oxytocin. Journal of Materials Science: Materials in Electronics, 2021, 32, 25149.	1.1	5
4	Synthesis of quaternary nanocomposites for catalytic reduction of Cr(VI) to Cr(III) and its sensing. Reactive and Functional Polymers, 2020, 150, 104545.	2.0	8
5	Facile synthesis of macroporous Ag and CuO monoliths as an efficient nonenzymatic electrochemical sensor and antimicrobial agent. Journal of Solid State Chemistry, 2019, 273, 233-242.	1.4	11
6	Fabrication of hierarchically mesoporous NiO nanostructures and their role in heterogeneous photocatalysis and sensing activity. Journal of Materials Science: Materials in Electronics, 2018, 29, 5768-5781.	1.1	8
7	Design of functionalized-ZnNP decorated fMWCNT-IL composite CPE: An ideal electrode material for enhanced electrocatalytic determination of pymetrozine. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2018, 238-239, 83-92.	1.7	9
8	Hierarchical porous silver metal using Pluronic F-127 and graphene oxide as reinforcing agents for the reduction of o-nitroaniline to 1, 2-benzenediamine. Journal of Solid State Chemistry, 2017, 248, 40-50.	1.4	8
9	Gold nanoparticle and graphene oxide incorporated strontium crosslinked alginate/carboxymethyl cellulose composites for o-nitroaniline reduction and Suzuki-Miyaura cross-coupling reactions. Journal of Colloid and Interface Science, 2017, 505, 115-129.	5.0	46
10	Self-organized graphene oxide and TiO ₂ nanoparticles incorporated alginate/carboxymethyl cellulose nanocomposites with efficient photocatalytic activity under direct sunlight. Journal of Photochemistry and Photobiology A: Chemistry, 2017, 346, 113-125.	2.0	38
11	Design and Synthesis of 3D Ordered Mesoporous Co ₃ O ₄ Nanostructures for Their Improved Supercapacitance and Photocatalytic Activity. ChemistrySelect, 2017, 2, 9726-9735.	0.7	3
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. Reactive and Functional Polymers, 2016, 105, 78-88.	2.0	10
13	Hierarchical synthesis of silver monoliths and their efficient catalytic activity for the reduction of 4-nitrophenol to 4-aminophenol. New Journal of Chemistry, 2016, 40, 6787-6795.	1.4	56
14	Effective photocatalytic degradation of Congo red dye using alginate/carboxymethyl cellulose/TiO ₂ nanocomposite hydrogel under direct sunlight irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 327, 33-43.	2.0	189
15	Solar-assisted photocatalytic reduction of methyl orange azo dye over porous TiO ₂ nanostructures. New Journal of Chemistry, 2016, 40, 5483-5494.	1.4	57
16	Synthesis of mesoporous TiO ₂ and its role as a photocatalyst in degradation of indigo carmine dye. Journal of Sol-Gel Science and Technology, 2016, 79, 228-237.	1.1	18
17	Fabrication of hierarchically mesoporous CuO nanostructures and their role as heterogenous catalysts and sensors. RSC Advances, 2016, 6, 42807-42818.	1.7	12
18	Hierarchically macroporous silver monoliths using Pluronic F127: Facile synthesis, characterization and its application as an efficient biomaterial for pathogens. Journal of Saudi Chemical Society, 2016, 20, 237-244.	2.4	11

#	ARTICLE	IF	CITATIONS
19	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.	1.1	10
20	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.	1.4	26