

Zahra Abbasi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

303
citations

1039406

9
h-index

887659

17
g-index

19
all docs

19
docs citations

19
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of Nanocomposite Magnetic Mono-Tosyl- β -Cyclodextrin Conjugated Carbon Nanotubes-Iron Oxide in Removal of Cr(III) from Aqueous Solutions Using Taguchi Method. Russian Journal of Physical Chemistry A, 2022, 96, 163-170.	0.1	2
2	Investigation on Texture Evolution and Recrystallization Aspects of Novel Mg-Zn-Gd-Y-Nd Alloys. Metals and Materials International, 2021, 27, 3983-3992.	1.8	5
3	Selective oxidation of aromatic alcohols in the presence of C ₃ N ₄ photocatalysts derived from the polycondensation of melamine, cyanuric and barbituric acids. Research on Chemical Intermediates, 2021, 47, 131-156.	1.3	16
4	Iron oxide-based magnetic photocatalysts: Recent developments, challenges, and environmental applications. , 2021, , 235-253.		1
5	Photocatalytic degradation of 4-Nitrophenol by g-C ₃ N ₄ -MCy: Mechanism study and kinetic modeling. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 407, 113004.	2.0	5
6	Au/CeO ₂ Photocatalyst for the Selective Oxidation of Aromatic Alcohols in Water under UV, Visible and Solar Irradiation. Catalysts, 2021, 11, 1467.	1.6	9
7	Superparamagnetic recoverable flowerlike Fe ₃ O ₄ @Bi ₂ O ₃ core-shell with g-C ₃ N ₄ sheet nanocomposite: synthesis, characterization, mechanism and kinetic study of photo-catalytic activity. Journal of Materials Science: Materials in Electronics, 2020, 31, 1022-1033.	1.1	10
8	Synthesis of ZnO-Ag ₂ CO ₃ -Fe ₃ O ₄ @rGO core-shell structure: magnetically separable photocatalyst for degradation of MB using the Box-Behnken design. Journal of Materials Science: Materials in Electronics, 2020, 31, 19554-19568.	1.1	8
9	Preparation of a novel, efficient, and recyclable magnetic catalyst, γ -Fe ₂ O ₃ @HAp-Ag nanoparticles, and a solvent- and halogen-free protocol for the synthesis of coumarin derivatives. Chinese Chemical Letters, 2017, 28, 75-82.	4.8	78
10	Sintering of dental ceramic/sol-gel-derived bioactive glass mixtures for dental applications: the study of microstructural, biological, and thermal properties. Journal of Sol-Gel Science and Technology, 2017, 81, 523-533.	1.1	2
11	Facile synthesis of MnFe ₂ O ₄ nanoparticles and investigation of various reductant and capping agents on their size and morphology. Journal of Materials Science: Materials in Electronics, 2017, 28, 1378-1385.	1.1	4
12	Hydrothermal method for synthesizing ZnFe ₂ O ₄ nanoparticles, photo-degradation of Rhodamine B by ZnFe ₂ O ₄ and thermal stable PS-based nanocomposite. Journal of Materials Science: Materials in Electronics, 2016, 27, 8654-8660.	1.1	15
13	Three-component synthesis of pyrano[2,3-d]pyrimidinone derivatives catalyzed by Ni ²⁺ supported on hydroxyapatite-core-shell- γ -Fe ₂ O ₃ nanoparticles in aqueous medium. Research on Chemical Intermediates, 2016, 42, 7597-7609.	1.3	30
14	Characterization of the bioactive and mechanical behavior of dental ceramic/sol-gel derived bioactive glass mixtures. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 54, 115-122.	1.5	20
15	Ni ²⁺ supported on hydroxyapatite-core-shell γ -Fe ₂ O ₃ nanoparticles: a novel, highly efficient and reusable lewis acid catalyst for the regioselective azidolysis of epoxides in water. Journal of the Iranian Chemical Society, 2014, 11, 335-340.	1.2	22
16	Study of enzymatic degradation and water absorption of composites carboxymethyl cellulose and poly (μ -caprolactone) containing SiO ₂ nanoparticle by cellulase. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 1516-1521.	0.9	4
17	Dispersing of Petroleum Asphaltenes by Acidic Ionic Liquid and Determination by UV-Visible Spectroscopy. Journal of Petroleum Engineering, 2013, 2013, 1-5.	0.6	34
18	Water resistance, weight loss and enzymatic degradation of blends starch/polyvinyl alcohol containing SiO ₂ nanoparticle. Journal of the Taiwan Institute of Chemical Engineers, 2012, 43, 264-268.	2.7	30

#	ARTICLE	IF	CITATIONS
19	Study of enzymatic degradation and water absorption of nanocomposites starch/polyvinyl alcohol and sodium montmorillonite clay. Journal of the Taiwan Institute of Chemical Engineers, 2011, , .	2.7	8