

Farzaneh Mahmoudi

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

411
citations

687363

13
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

450
citing authors

#	ARTICLE	IF	CITATIONS
1	Application of perovskite oxides and their composites for degrading organic pollutants from wastewater using advanced oxidation processes: Review of the recent progress. <i>Journal of Hazardous Materials</i> , 2022, 436, 129074.	12.4	46
2	Hydrothermal synthesis of novel MIL-100(Fe)@SBA-15 composite material with high adsorption efficiency towards dye pollutants for wastewater remediation. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2020, 116, 303-313.	5.3	40
3	A new nanohybrid material constructed from Keggin-type polyoxometalate and Cd(II) semicarbazone Schiff base complex with excellent adsorption properties for the removal of cationic dye pollutants. <i>Journal of Molecular Structure</i> , 2017, 1130, 592-602.	3.6	39
4	Phosphotungstic acid supported on aminosilica functionalized perovskite-type LaFeO_3 nanoparticles: a novel recyclable and excellent visible-light photocatalyst. <i>RSC Advances</i> , 2016, 6, 102984-102996.	3.6	37
5	Synthesis and characterization of a series of novel perovskite-type LaMnO_3 /Keggin-type polyoxometalate hybrid nanomaterials for fast and selective removal of cationic dyes from aqueous solutions. <i>Dalton Transactions</i> , 2017, 46, 3252-3264.	3.3	32
6	Novel binuclear Cu(II) complexes combining a semicarbazone Schiff base with distinct bridging ligands: Structure and antimicrobial activity. <i>Polyhedron</i> , 2013, 57, 118-126.	2.2	31
7	Improving the adsorption ability of perovskite-type LaNiO_3 nanomaterial towards organic dyes by hybridizing with phosphotungstic acid. <i>Polyhedron</i> , 2019, 169, 39-50.	2.2	26
8	Confined crystallization of microporous metal-organic framework within mesoporous silica with enhanced hydrostability: Ultrafast removal of organic dyes from aqueous solutions by MIL-68(Al)@SBA-15 composite. <i>Journal of Water Process Engineering</i> , 2020, 35, 101227.	5.6	22
9	A new inorganic-organic nanohybrid based on a copper(II) semicarbazone complex and the $\text{PMo}_{12}\text{O}_{40}$ polyanion: Synthesis, characterization, crystal structure and photocatalytic activity for degradation of cationic dyes. <i>Polyhedron</i> , 2017, 122, 247-256.	2.2	19
10	Synthesis of MIL-100(Fe)/SBA-15 composite as a novel and ultrafast adsorbent for removal of methylene blue dye from aqueous solution. <i>Inorganic Chemistry Communication</i> , 2020, 118, 108032.	3.9	19
11	Biosynthesis of Novel Silver Nanoparticles Using <i>Eryngium thyrsoideum</i> Boiss Extract and Comparison of their Antidiabetic Activity with Chemical Synthesized Silver Nanoparticles in Diabetic Rats. <i>Biological Trace Element Research</i> , 2021, 199, 1967-1978.	3.5	17
12	Two coordination polymers based on semicarbazone Schiff base and azide: synthesis, crystal structure, electrochemistry, magnetic properties and biological activity. <i>Journal of Coordination Chemistry</i> , 2013, 66, 748-762.	2.2	15
13	Phosphotungstic acid supported on silica-coated LaCoO_3 : Synthesis, characterization and application as a novel and efficient adsorbent for the removal of organic pollutants. <i>Polyhedron</i> , 2019, 158, 423-431.	2.2	14
14	Synthesis, crystal structures, antimicrobial activities, and DFT calculations of two new azido nickel(II) complexes. <i>Journal of Coordination Chemistry</i> , 2014, 67, 2096-2109.	2.2	12
15	A new nano-scale manganese (II) coordination polymer constructed from semicarbazone Schiff base and dicyanamide ligands: Synthesis, crystal structure and DFT calculations. <i>Journal of Molecular Structure</i> , 2016, 1108, 583-589.	3.6	12
16	Synthesis, structure and electrochemistry behavior of a cobalt(III) compound with azide and methyl 2-pyridyl ketone semicarbazone ligands. <i>Journal of Molecular Structure</i> , 2013, 1045, 55-61.	3.6	9
17	Novel Gold Nanoparticles: Green Synthesis with <i>Eryngium thyrsoideum</i> Boiss Extract, Characterization, and In Vivo Investigations on Inflammatory Gene Expression and Biochemical Parameters in Type 2 Diabetic Rats. <i>Biological Trace Element Research</i> , 2022, 200, 2223-2232.	3.5	7
18	Preparation of novel hybrid nanomaterials based on LaFeO_3 and phosphotungstic acid as a highly efficient magnetic photocatalyst for the degradation of methylene blue dye solution. <i>Applied Organometallic Chemistry</i> , 2020, 34, e6011.	3.5	6

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19	New hybrid nanostructures based on kegglin-type 12-tungstophosphate and some metal-semicarbazone complexes: Synthesis, x-ray crystal structures and spectroscopic studies. Journal of Molecular Structure, 2020, 1217, 128385.	3.6	4
20	Synthesis, Spectroscopy and X-ray Crystallography Structure of Pyridine 4-Carbaldehyde Semicarbazone Schiff Base Ligand. Advanced Journal of Chemistry-Section A, 2020, 3, 534-541.	1.1	4