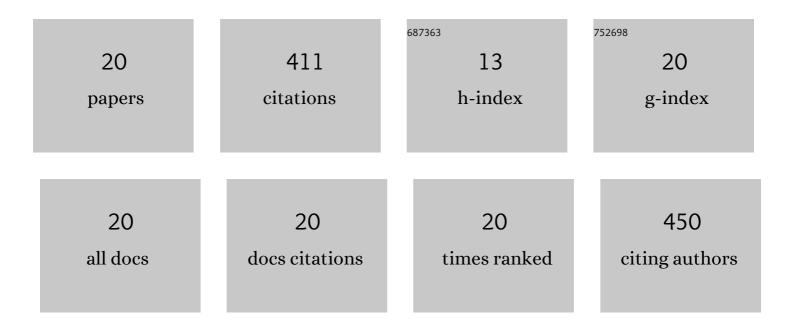
Farzaneh Mahmoudi

List of Publications by Year in descending order

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#	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. Journal of Hazardous Materials, 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. Journal of the Taiwan Institute of Chemical Engineers, 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. Journal of Molecular Structure, 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. RSC Advances, 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. Dalton Transactions, 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. Polyhedron, 2013, 57, 118-126.	2.2	31
7	Improving the adsorption ability of perovskite-type LaNiO3 nanomaterial towards organic dyes by hybridizing with phosphotungstic acid. Polyhedron, 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. Journal of Water Process Engineering, 2020, 35, 101227.	5.6	22
9	A new inorganic–organic nanohybrid based on a copper(II) semicarbazone complex and the PMo12O4O3â^' polyanion: Synthesis, characterization, crystal structure and photocatalytic activity for degradation of cationic dyes. Polyhedron, 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. Inorganic Chemistry Communication, 2020, 118, 108032.	3.9	19
11	Biosynthesis of Novel Silver Nanoparticles Using Eryngium thyrsoideum Boiss Extract and Comparison of their Antidiabetic Activity with Chemical Synthesized Silver Nanoparticles in Diabetic Rats. Biological Trace Element Research, 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. Journal of Coordination Chemistry, 2013, 66, 748-762.	2.2	15
13	Phosphotungstic acid supported on silica-coated LaCoO3: Synthesis, characterization and application as a novel and efficient adsorbent for the removal of organic pollutants. Polyhedron, 2019, 158, 423-431.	2.2	14
14	Synthesis, crystal structures, antimicrobial activities, and DFT calculations of two new azido nickel(II) complexes. Journal of Coordination Chemistry, 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. Journal of Molecular Structure, 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. Journal of Molecular Structure, 2013, 1045, 55-61.	3.6	9
17	Novel Gold Nanoparticles: Green Synthesis with Eryngium thyrsoideum Boiss Extract, Characterization, and In Vivo Investigations on Inflammatory Gene Expression and Biochemical Parameters in Type 2 Diabetic Rats. Biological Trace Element Research, 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. Applied Organometallic Chemistry, 2020, 34, e6011.	3.5	6

#	Article	IF	CITATIONS
19	New hybrid nanostructures based on keggin-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