

Ali Khodayari

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

726
citations

759233

12
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

965
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of the catalytic activity of nano-sized CuO, Co ₃ O ₄ and CuCo ₂ O ₄ powders on thermal decomposition of ammonium perchlorate. Powder Technology, 2012, 217, 330-339.	4.2	250
2	Preparation of CuO nanopowders and their catalytic activity in photodegradation of Rhodamine-B. Advanced Powder Technology, 2014, 25, 1043-1052.	4.1	68
3	Growth process and investigation of some physical properties of CdS nanocrystals formed in polymer matrix by successive ionic layer adsorption and reaction (SILAR) method. Journal of Crystal Growth, 2007, 305, 175-180.	1.5	52
4	Efficient Removal of Methylene Blue by Novel Magnetic Hydrogel Nanocomposites of Poly(acrylic) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	1.7	42
5	Ultrasound-assisted synthesis of ZnO semiconductor nanostructures. Materials Science in Semiconductor Processing, 2009, 12, 142-145.	4.0	40
6	Development of a SPE/GC-MS method for the determination of organophosphorus pesticides in food samples using syringe filters packed by GNP/MIL-101(Cr) nanocomposite. Food Chemistry, 2022, 371, 130997.	8.2	38
7	<i>In Situ</i> Synthesis of Co ₃ O ₄ /CoFe ₂ O ₄ Derived from a Metal-Organic Framework on Nickel Foam: High-Performance Electrocatalyst for Water Oxidation. ACS Applied Energy Materials, 2021, 4, 2951-2959.	5.1	34
8	Ultrasound-assisted preparation of CdSe nanocrystals in the presence of Polyvinyl alcohol as a capping agent. Materials Science in Semiconductor Processing, 2010, 13, 225-230.	4.0	30
9	Preparation and characterization of monodispersed nanocrystalline ZnS in water-rich [EMIM]EtSO ₄ ionic liquid using ultrasonic irradiation. Journal of Crystal Growth, 2008, 310, 4544-4548.	1.5	27
10	Fe ₃ O ₄ -PVAc nanocomposites: surface modification of sonochemically prepared magnetite nanoparticles via chemical grafting of poly(vinyl acetate). RSC Advances, 2016, 6, 48676-48683.	3.6	25
11	Aqueous synthesis and characterization of nearly monodispersed ZnS nanocrystals. Physica Status Solidi (A) Applications and Materials Science, 2010, 207, 2144-2148.	1.8	23
12	Strong quantum confinement effects in SnS nanocrystals produced by ultrasound-assisted method. Journal of Nanoparticle Research, 2013, 15, 1.	1.9	21
13	Facile and Room Temperature Preparation and Characterization of PbS Nanoparticles in Aqueous [EMIM][EtSO ₄] Ionic Liquid Using Ultrasonic Irradiation. Bulletin of the Korean Chemical Society, 2009, 30, 53-56.	1.9	12
14	Copper-based metal-organic framework decorated by CuO hair-like nanostructures: Electrocatalyst for oxygen evolution reaction. Applied Organometallic Chemistry, 2020, 34, e5871.	3.5	11
15	Environmental Friendly Synthesis of Novel Isatin Ketal and Isatin Schiff Base Derivatives Using Michael Addition Reaction under Solvent-Free Conditions. Chinese Journal of Chemistry, 2012, 30, 891-899.	4.9	9
16	Effects of aluminum terephthalate metal-organic framework and its nanocomposites on the corrosion of AM60B magnesium alloy in ethylene glycol solution containing chloride ions. Materials Chemistry and Physics, 2021, 272, 125056.	4.0	9
17	Aqueous Media Oxidation of Alcohols with Ammonium Persulfate. Chinese Journal of Chemistry, 2007, 25, 836-838.	4.9	8
18	Structural and Biological Properties of CuO Nanoparticles Prepared Under Ultrasonic Irradiation. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2014, 44, 1286-1290.	0.6	7

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19	Structural, Compositional, and Biological Characterization of Fe ₃ O ₄ Nanoparticles Synthesized by Hydrothermal Method. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2015, 45, 356-362.	0.6	7
20	Characterization of Some Electrical Properties of CdS-Gelatin Nanocomposites Using Hall Measurement Technique. Journal of Nanoelectronics and Optoelectronics, 2017, 12, 231-235.	0.5	7
21	Nanocomposites of a new organosoluble polyetherimide and epoxide- functionalized magnetite for removal of Co(II) Ions: Kinetic and thermodynamic investigations. Polymer Composites, 2019, 40, 3166-3181.	4.6	3
22	Investigation of five metal-organic frameworks as sorbents in the syringe filter-SPE method for determination of metronidazole and cephalexin in water samples. New Journal of Chemistry, 2022, 46, 10308-10316.	2.8	3