

Hadi Salari

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

792
citations

430874

18
h-index

501196

28
g-index

33
all docs

33
docs citations

33
times ranked

694
citing authors

#	ARTICLE	IF	CITATIONS
1	New insights into adsorption equilibrium of organic pollutant on MnO ₂ nanorods: Experimental and computational studies. <i>Journal of Molecular Liquids</i> , 2022, 345, 117016.	4.9	6
2	Design of S-scheme 3D nickel molybdate/AgBr nanocomposites: Tuning of the electronic band structure towards efficient interfacial photoinduced charge separation and remarkable photocatalytic activity. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 426, 113751.	3.9	21
3	Environmental-Friendly Polymer for Efficient and Stable Inverted Perovskite Solar Cells with Mitigating Lead Leakage. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	59
4	Mechanism of MnO ₂ nanorods toxicity in marine microalgae <i>Chlorella sorokiniana</i> during long-term exposure. <i>Marine Environmental Research</i> , 2022, 179, 105669.	2.5	11
5	In situ synthesis of visible-light-driven α -MnO ₂ nanorod/AgBr nanocomposites for increased photoinduced charge separation and enhanced photocatalytic activity. <i>Materials Research Bulletin</i> , 2021, 133, 111046.	5.2	42
6	Comparison between Bi ₂ WO ₆ and TiO ₂ Photoanodes in Dye-Sensitized Solar Cells: Experimental and Computational Studies. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 12292-12306.	3.7	9
7	A Unique 3D Structured NiMoO ₄ /MoO ₃ Heterojunction for Enhanced Supercapacitor Performance. <i>Energy & Fuels</i> , 2021, 35, 16144-16151.	5.1	20
8	Heterogeneous photocatalytic degradation of organic pollutant in aqueous solutions by S-scheme heterojunction in nickel molybdate nanocomposites. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105903.	6.7	37
9	Fabrication of novel Fe ₂ O ₃ /MoO ₃ /AgBr nanocomposites with enhanced photocatalytic activity under visible light irradiation for organic pollutant degradation. <i>Advanced Powder Technology</i> , 2020, 31, 493-503.	4.1	34
10	Efficient photocatalytic degradation of environmental pollutant with enhanced photocarrier separation in novel Z-scheme α -MnO ₂ nanorod/ α -MoO ₃ nanocomposites. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 401, 112787.	3.9	37
11	Dendritic fibrous nano metal organic framework: A magnetic core-shell structure as high performance material for electrochemical capacitors. <i>Journal of Energy Storage</i> , 2020, 32, 101734.	8.1	7
12	Z-scheme 3D Bi ₂ WO ₆ /MnO ₂ heterojunction for increased photoinduced charge separation and enhanced photocatalytic activity. <i>Applied Surface Science</i> , 2020, 532, 147413.	6.1	56
13	Facile synthesis of new Z-scheme Bi ₂ WO ₆ /Bi ₂ MoO ₆ junction photocatalysts with high photocatalytic activity: Structure, kinetics and mechanism approach. <i>Materials Research Bulletin</i> , 2020, 131, 110979.	5.2	37
14	Facile template-free synthesis of new α -MnO ₂ nanorod/silver iodide junction nanocomposites with high photocatalytic performance. <i>New Journal of Chemistry</i> , 2020, 44, 7401-7411.	2.8	36
15	Facile template-free synthesis of 3D flower-like Bi ₂ WO ₆ /MoO ₃ nanocomposites with ultra-thin sheets and their associated photocatalytic properties under visible light irradiation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 385, 112069.	3.9	30
16	Kinetics and mechanism of enhanced photocatalytic activity under visible light irradiation using Cr ₂ O ₃ /Fe ₂ O ₃ nanostructure derived from bimetallic metal organic framework. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103092.	6.7	34
17	MOF-templated synthesis of nano Ag ₂ O/ZnO/CuO heterostructure for photocatalysis. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 376, 279-287.	3.9	67
18	Decorative reduced graphene oxide/C ₃ N ₄ /Ag ₂ O/conductive polymer as a high performance material for electrochemical capacitors. <i>Applied Surface Science</i> , 2018, 447, 374-380.	6.1	23

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19	Enhanced visible light photocatalytic activity of nano-BiOCl/BiVO ₄ /Zeolite p-n heterojunction and Ag/BiOCl/BiVO ₄ hybrid. <i>Materials Research Innovations</i> , 2018, 22, 137-143.	2.3	17
20	Probing solvent-solvent and solute-solvent interactions in surfactant binary mixtures: solvatochromic parameters, preferential solvation, and quantum theory of atoms in molecules analysis. <i>RSC Advances</i> , 2016, 6, 18515-18524.	3.6	10
21	Surfactant Binary Systems: Ab Initio Calculations, Preferential Solvation, and Investigation of Solvatochromic Parameters. <i>Journal of Chemical & Engineering Data</i> , 2016, 61, 255-263.	1.9	12
22	An experimental and theoretical study on the structure and photoactivity of XFe ₂ O ₄ (X = Mn, Fe, Ni). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	0.5	6
23	Colloidal Gold Nanoparticles: An Unexpected Catalytic Activity in Aqueous Phase with Dioxygen. <i>Catalysis Letters</i> , 2014, 144, 1219-1222.	2.6	4
24	Hydroxyl-Functionalized 1-(2-Hydroxyethyl)-3-methyl Imidazolium Ionic Liquids: Thermodynamic and Structural Properties using Molecular Dynamics Simulations and ab Initio Calculations. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14410-14428.	2.6	52
25	Kinetic and mechanistic study of p-nitrochlorobenzene photoreduction and Bacillus inactivation over aluminosilicate-based nanocomposites. <i>Monatshefte für Chemie</i> , 2013, 144, 589-596.	1.8	9
26	Solvent effects on kinetics of an heteroatomic nucleophilic substitution reaction in ionic liquid and molecular solvents mixtures. <i>Russian Journal of Physical Chemistry A</i> , 2013, 87, 1969-1975.	0.6	3
27	Molecular-Microscopic Properties and Preferential Solvation in Protic Ionic Liquid Mixtures. <i>Journal of Solution Chemistry</i> , 2013, 42, 1757-1769.	1.2	6
28	Systems Designed with an Ionic Liquid and Molecular Solvents to Investigate the Kinetics of an S _N Ar Reaction. <i>Progress in Reaction Kinetics and Mechanism</i> , 2013, 38, 157-170.	2.1	2
29	Removal of an organic pollutant from waste water by photocatalytic behavior of AgX/TiO ₂ loaded on mordenite nanocrystals. <i>Research on Chemical Intermediates</i> , 2012, 38, 1975-1985.	2.7	24
30	Preferential Solvation and Behavior of Solvatochromic Indicators in Mixtures of an Ionic Liquid with Some Molecular Solvents. <i>Journal of Physical Chemistry B</i> , 2010, 114, 9586-9593.	2.6	55
31	Solvatochromic Probes Absorbance Behavior in Mixtures of 2-Hydroxy Ethylammonium Formate with Methanol, Ethylene Glycol and Glycerol. <i>Journal of Solution Chemistry</i> , 2010, 39, 1509-1519.	1.2	24