

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 | MOF-templated synthesis of nano Ag ₂ O/ZnO/CuO heterostructure for photocatalysis. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 376, 279-287. | 3.9 | 67 |
| 2 | Environmental-Friendly Polymer for Efficient and Stable Inverted Perovskite Solar Cells with Mitigating Lead Leakage. Advanced Functional Materials, 2022, 32, . | 14.9 | 59 |
| 3 | Z-scheme 3D Bi ₂ WO ₆ /MnO ₂ heterojunction for increased photoinduced charge separation and enhanced photocatalytic activity. Applied Surface Science, 2020, 532, 147413. | 6.1 | 56 |
| 4 | Preferential Solvation and Behavior of Solvatochromic Indicators in Mixtures of an Ionic Liquid with Some Molecular Solvents. Journal of Physical Chemistry B, 2010, 114, 9586-9593. | 2.6 | 55 |
| 5 | Hydroxyl-Functionalized 1-(2-Hydroxyethyl)-3-methyl Imidazolium Ionic Liquids: Thermodynamic and Structural Properties using Molecular Dynamics Simulations and ab Initio Calculations. Journal of Physical Chemistry B, 2014, 118, 14410-14428. | 2.6 | 52 |
| 6 | In situ synthesis of visible-light-driven α-MnO ₂ nanorod/AgBr nanocomposites for increased photoinduced charge separation and enhanced photocatalytic activity. Materials Research Bulletin, 2021, 133, 111046. | 5.2 | 42 |
| 7 | Efficient photocatalytic degradation of environmental pollutant with enhanced photocarrier separation in novel Z-scheme α-MnO ₂ nanorod/α-MoO ₃ nanocomposites. Journal of Photochemistry and Photobiology A: Chemistry, 2020, 401, 112787. | 3.9 | 37 |
| 8 | Facile synthesis of new Z-scheme Bi ₂ WO ₆ /Bi ₂ MoO ₆ p-n junction photocatalysts with high photocatalytic activity: Structure, kinetics and mechanism approach. Materials Research Bulletin, 2020, 131, 110979. | 5.2 | 37 |
| 9 | Heterogeneous photocatalytic degradation of organic pollutant in aqueous solutions by S-scheme heterojunction in nickel molybdate nanocomposites. Journal of Environmental Chemical Engineering, 2021, 9, 105903. | 6.7 | 37 |
| 10 | Facile template-free synthesis of new p-MnO ₂ nanorod/silver iodide p-n junction nanocomposites with high photocatalytic performance. New Journal of Chemistry, 2020, 44, 7401-7411. | 2.8 | 36 |
| 11 | 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. Journal of Environmental Chemical Engineering, 2019, 7, 103092. | 6.7 | 34 |
| 12 | Fabrication of novel Fe ₂ O ₃ /MoO ₃ /AgBr nanocomposites with enhanced photocatalytic activity under visible light irradiation for organic pollutant degradation. Advanced Powder Technology, 2020, 31, 493-503. | 4.1 | 34 |
| 13 | 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. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 385, 112069. | 3.9 | 30 |
| 14 | Solvatochromic Probes Absorbance Behavior in Mixtures of 2-Hydroxy Ethylammonium Formate with Methanol, Ethylene Glycol and Glycerol. Journal of Solution Chemistry, 2010, 39, 1509-1519. | 1.2 | 24 |
| 15 | Removal of an organic pollutant from waste water by photocatalytic behavior of AgX/TiO ₂ loaded on mordenite nanocrystals. Research on Chemical Intermediates, 2012, 38, 1975-1985. | 2.7 | 24 |
| 16 | Decorative reduced graphene oxide/C ₃ N ₄ /Ag ₂ O/conductive polymer as a high performance material for electrochemical capacitors. Applied Surface Science, 2018, 447, 374-380. | 6.1 | 23 |
| 17 | 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. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 426, 113751. | 3.9 | 21 |
| 18 | A Unique 3D Structured NiMoO ₄ /MoO ₃ Heterojunction for Enhanced Supercapacitor Performance. Energy & Fuels, 2021, 35, 16144-16151. | 5.1 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 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 | 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 |
| 21 | 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 |
| 22 | Probing solvent-solvent and solvent-solute 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 |
| 23 | Kinetic and mechanistic study of p-nitrochlorobenzene photoreduction and <i>Bacillus</i> inactivation over aluminosilicate-based nanocomposites. <i>Monatshefte für Chemie</i> , 2013, 144, 589-596. | 1.8 | 9 |
| 24 | 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 |
| 25 | 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 |
| 26 | Molecular-Microscopic Properties and Preferential Solvation in Protic Ionic Liquid Mixtures. <i>Journal of Solution Chemistry</i> , 2013, 42, 1757-1769. | 1.2 | 6 |
| 27 | An experimental and theoretical study on the structure and photoactivity of XFe ₂ O ₄ (X = Mn, Fe, Ni) <small>Tj ETQq1 1 0.784314 rgBT /Ove</small> | 0.6 | 8 |
| 28 | 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 |
| 29 | Colloidal Gold Nanoparticles: An Unexpected Catalytic Activity in Aqueous Phase with Dioxygen. <i>Catalysis Letters</i> , 2014, 144, 1219-1222. | 2.6 | 4 |
| 30 | 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 |
| 31 | 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 |