

Mahdieh Darroudi

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

394
citations

687363

13
h-index

839539

18
g-index

30
all docs

30
docs citations

30
times ranked

296
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Molecular structure and UV-Vis spectral analysis of new synthesized azo dyes for application in polarizing films. <i>Dyes and Pigments</i> , 2016, 129, 9-17. | 3.7 | 39 |
| 2 | An overview and bibliometric analysis on the colorectal cancer therapy by magnetic functionalized nanoparticles for the responsive and targeted drug delivery. <i>Journal of Nanobiotechnology</i> , 2021, 19, 399. | 9.1 | 33 |
| 3 | Molecular structure and spectroscopic investigation of sodium(E)-2-hydroxy-5-((4-sulfonatophenyl)diazenyl)benzoate: A DFT study. <i>Journal of Molecular Structure</i> , 2015, 1083, 198-203. | 3.6 | 30 |
| 4 | A study of molecular structure, UV, IR, and ¹ H NMR spectra of a new dichroic dye on the basis of quinoline derivative. <i>Journal of Molecular Structure</i> , 2015, 1088, 105-110. | 3.6 | 25 |
| 5 | Silica Mesoporous Structures: Effective Nanocarriers in Drug Delivery and Nanocatalysts. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7533. | 2.5 | 25 |
| 6 | Photochromic properties of the molecule Azure A chloride in polyvinyl alcohol matrix. <i>Journal of Molecular Structure</i> , 2015, 1101, 109-115. | 3.6 | 22 |
| 7 | Facile and green preparation of colorimetric and fluorescent sensors for mercury, silver, and carbonate ions visual detecting: Spectroscopy and theoretical studies. <i>Journal of Molecular Structure</i> , 2021, 1241, 130626. | 3.6 | 21 |
| 8 | Geometry optimization and excited state properties of the new symmetric (E)-Stillbene derivative for application in thermostable polarizing PVA-films: A combined experimental and DFT approach. <i>Journal of Molecular Structure</i> , 2016, 1119, 423-430. | 3.6 | 18 |
| 9 | 1,2,3-Triazole-linked 5-benzylidene (thio)barbiturates as novel tyrosinase inhibitors and free radical scavengers. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000058. | 4.1 | 18 |
| 10 | Silica-coated modified magnetic nanoparticles (Fe ₃ O ₄ @SiO ₂ @(BuSO ₃ H) ₃) as an efficient adsorbent for Pd ²⁺ removal. <i>Chemosphere</i> , 2022, 307, 135622. | 8.2 | 17 |
| 11 | Synthesis of Novel Triazole Incorporated Thiazolone Motifs Having Promising Antityrosinase Activity through Green Nanocatalyst Cu ₃ O ₄ @SiO ₂ (TMS-EDTA). <i>Applied Organometallic Chemistry</i> , 2020, 34, e5962. | 3.5 | 16 |
| 12 | Magnetic AgNPs/Fe ₃ O ₄ @chitosan/PVA nanocatalyst for fast one-pot green synthesis of propargylamine and triazole derivatives. <i>New Journal of Chemistry</i> , 2021, 45, 16119-16130. | 2.8 | 15 |
| 13 | Synthesis of biphenyl derivative and its application as dichroic materials in poly (vinyl alcohol) polarizing films. <i>Journal of Molecular Structure</i> , 2016, 1107, 19-24. | 3.6 | 14 |
| 14 | Theoretical exploration of mechanism of carbapenam formation in catalytic Kinugasa reaction. <i>Tetrahedron</i> , 2017, 73, 1673-1681. | 1.9 | 14 |
| 15 | Acenaphthoquinoxaline as a selective fluorescent sensor for Hg (II) detection: experimental and theoretical studies. <i>Heliyon</i> , 2020, 6, e04986. | 3.2 | 12 |
| 16 | Lansoprazole-Based Colorimetric Chemosensor for Efficient Binding and Sensing of Carbonate Ion: Spectroscopy and DFT Studies. <i>Frontiers in Chemistry</i> , 2020, 8, 626472. | 3.6 | 12 |
| 17 | An experimental and mechanism study on the regioselective click reaction toward the synthesis of thiazolidinone-triazole. <i>Heliyon</i> , 2021, 7, e06113. | 3.2 | 9 |
| 18 | An efficient synthesis of novel triazoles incorporating barbituric motifs via [3+2] cycloaddition reaction: An experimental and theoretical study. <i>Journal of the Serbian Chemical Society</i> , 2018, 83, 821-835. | 0.8 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Optimization, Spectroscopic (Excited States, UV/Vis, Polarization) Studies, FMO, ELF, LOL, QTAIM, NBO Analysis and Electronic Properties of Two New Azomethine Derivatives: A Theoretical and Experimental Investigations. <i>Russian Journal of Physical Chemistry A</i> , 2020, 94, 1848-1865. | 0.6 | 7 |
| 20 | Efficient N-sulfopropylation of chitosan with 1,3-propane sultone in aqueous solutions: neutral pH as the key condition. <i>Reaction Chemistry and Engineering</i> , 2021, 6, 2146-2158. | 3.7 | 7 |
| 21 | Cu/SiO ₂ -Pr-NH-Benz as a novel nanocatalyst for the efficient synthesis of 1,4-disubstituted triazoles and propargyl amine derivatives in an aqueous solution. <i>Heliyon</i> , 2021, 7, e06766. | 3.2 | 6 |
| 22 | Facile Synthesis of N-Phenyl Benzamidine Derivatives, Their Skin Protecting, and Anti-Aging Activity. <i>Russian Journal of General Chemistry</i> , 2018, 88, 2425-2431. | 0.8 | 5 |
| 23 | SBA-ionic liquid as an efficient adsorbent of palladium, silver, and gold ions. <i>Journal of the Iranian Chemical Society</i> , 2022, 19, 247-255. | 2.2 | 5 |
| 24 | Tb ₂ (WO ₄) ₃ @N-QDs-FA as an efficient nanocatalyst for the efficient synthesis of β -aminoalcohols in aqueous solution. <i>Journal of Molecular Liquids</i> , 2021, 329, 115555. | 4.9 | 4 |
| 25 | Synthesis of Ag(I)@Fum ⁺ Pr ⁺ Pyr ⁺ Benzimidazole and Its Optical and Catalytic Activities in Click Reactions. <i>ChemistrySelect</i> , 2021, 6, 6168-6180. | 1.5 | 4 |
| 26 | Toward Early Diagnosis of Colorectal Cancer: Focus on Optical Nano Biosensors. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, . | 2.4 | 4 |
| 27 | Chemical Behavior of Cysteine in Organic Synthesis. <i>Current Organic Synthesis</i> , 2021, 18, 624-638. | 1.3 | 1 |
| 28 | Fabrication of Novel Potentiometric Sensor for Lead Ion Detection in Blood Samples: Experimental and Theoretical Approaches. <i>Microchemical Journal</i> , 2022, 178, 107383. | 4.5 | 1 |
| 29 | Synthesis, Antibacterial and Anticancer Activities Evaluation of New 4-Thiazolidinone-Indolin-2-One Analogs. <i>Biointerface Research in Applied Chemistry</i> , 2021, 12, 8094-8104. | 1.0 | 1 |
| 30 | SBA-Ionic Liquid as an Efficient Adsorbent of Palladium, Silver, and Gold Ions. <i>SSRN Electronic Journal</i> , 0, , . | 0.4 | 0 |