

Sattar Arshadi

List of Publications by Year in descending order

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28
papers

817
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933
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | KF Impregnated Natrolite Zeolite as a New Heterogeneous Nanocatalyst Promoted One-Pot Synthesis of Benzo[1,4]-Diazepin-5-One Derivatives. <i>Polycyclic Aromatic Compounds</i> , 2022, 42, 7430-7445. | 2.6 | 2 |
| 2 | Selective adsorption and dissociation of NO, NO ₂ , and N ₂ O molecules on Si-doped haeckelite boron nitride nanotube: an investigation for sensitive molecular sensors and catalysts. <i>Journal of Molecular Modeling</i> , 2022, 28, 6. | 1.8 | 9 |
| 3 | Strategies for the direct oxidative esterification of thiols with alcohols. <i>RSC Advances</i> , 2022, 12, 14521-14534. | 3.6 | 3 |
| 4 | Cross-Dehydrogenative Coupling Reactions Between C(sp) ³ -H and X-H (X = N, P, S, Si, Sn) Bonds: An Environmentally Benign Access to Heteroatom-Substituted Alkynes. <i>Topics in Current Chemistry</i> , 2019, 377, 20. | 5.8 | 39 |
| 5 | Recent advances in decarboxylative trifluoromethyl(thiol)ation of carboxylic acids. <i>Journal of Fluorine Chemistry</i> , 2019, 220, 24-34. | 1.7 | 36 |
| 6 | Solvent-free incorporation of CO ₂ into 2-oxazolidinones: a review. <i>RSC Advances</i> , 2019, 9, 19465-19482. | 3.6 | 48 |
| 7 | Cross-dehydrogenative coupling reactions between arenes (C-H) and carboxylic acids (O-H): a straightforward and environmentally benign access to <i>ortho</i> -aryl esters. <i>RSC Advances</i> , 2019, 9, 17101-17118. | 3.6 | 33 |
| 8 | Synthesis of six-membered cyclic carbamates employing CO ₂ as building block: A review. <i>Journal of CO₂ Utilization</i> , 2019, 33, 37-45. | 6.8 | 33 |
| 9 | Recent developments in decarboxylative cross-coupling reactions between carboxylic acids and N-H compounds. <i>RSC Advances</i> , 2019, 9, 8964-8976. | 3.6 | 68 |
| 10 | Direct C-H bond sulfenylation of (Het)arenes using sulfonyl hydrazides as thiol surrogate: a review. <i>Journal of Sulfur Chemistry</i> , 2019, 40, 289-311. | 2.0 | 44 |
| 11 | A novel aluminum-sensitive fluorescent chemosensor based on 4-aminoantipyrine: An experimental and theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 212, 32-41. | 3.9 | 22 |
| 12 | N-Propargylic ^β -enaminocarbonyls: powerful and versatile building blocks in organic synthesis. <i>RSC Advances</i> , 2017, 7, 13198-13211. | 3.6 | 70 |
| 13 | Chemical fixation of CO ₂ to N-propargylamines: A straightforward route to 2-oxazolidinones. <i>Journal of CO₂ Utilization</i> , 2017, 19, 120-129. | 6.8 | 85 |
| 14 | Theoretical study of Cr and Co-porphyrin-induced C ₇₀ fullerene: a request for a novel sensor of sulfur and nitrogen dioxide. <i>Journal of Sulfur Chemistry</i> , 2017, 38, 357-371. | 2.0 | 14 |
| 15 | Nanocatalysts for chemical transformation of carbon dioxide. <i>Journal of CO₂ Utilization</i> , 2017, 21, 491-502. | 6.8 | 65 |
| 16 | Three-component coupling of CO ₂ , propargyl alcohols, and amines: An environmentally benign access to cyclic and acyclic carbamates (A Review). <i>Journal of CO₂ Utilization</i> , 2017, 21, 108-118. | 6.8 | 76 |
| 17 | Insight into the intermolecular interactions in the NF ₃ -HSO system: a computational study. <i>Journal of Sulfur Chemistry</i> , 2016, 37, 674-682. | 2.0 | 0 |
| 18 | NBO, AIM, and TD-DFT assisted screening of BNNT optimum diameter on ethyl phosphorodimethylamidocyanidate sensor design. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2016, 191, 1013-1021. | 1.6 | 6 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | A quest for stable 2,5-bis(halobora)cyclopentenylidene and its Si, Ge, Sn and Pb analogs at theoretical levels. RSC Advances, 2015, 5, 43319-43327. | 3.6 | 18 |
| 20 | 1,3-Dipolar cycloaddition between substituted phenyl azide and 2,3-dihydrofuran. Chemical Papers, 2014, 68, . | 2.2 | 7 |
| 21 | Influence of Pyrazine Ring Doping on the ¹⁵ N and ¹¹ B NMR and Electronic Structure Parameters in Zigzag Boron Nitride Nanotube: A DFT Study. Journal of Chemistry, 2013, 2013, 1-10. | 1.9 | 0 |
| 22 | Nuclear Magnetic Resonance Parameters of Pure and Diborinin-Doped (6,0) Single-Walled Zigzag BNNT: DFT Study. Journal of Chemistry, 2013, 2013, 1-9. | 1.9 | 2 |
| 23 | QSAR Investigation on Quinolizidinyl Derivatives in Alzheimer's Disease. Journal of Computational Medicine, 2013, 2013, 1-8. | 0.3 | 5 |
| 24 | Efficient Selective Oxidation of Organic Substrates Using Pyridinium Sulfonate Halochromate Under Solvent-Free Conditions and Microwave Irradiation: Experimental and Theoretical Study. Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry, 2012, 42, 705-710. | 0.6 | 3 |
| 25 | Donor Acceptor Bond in [NPCl ₂] ₃ ·MCl ₃ Adducts, a DFT Study and Comparison of Results with Experimental X-Ray Data. E-Journal of Chemistry, 2012, 9, 2097-2107. | 0.5 | 1 |
| 26 | Covalent attachments of boron nitride nanotubes through a carboxylic linker: Density functional studies. Solid State Sciences, 2012, 14, 689-692. | 3.2 | 10 |
| 27 | Cyclic voltammetric, computational, and quantitative structure-electrochemistry relationship studies of the reduction of several 9,10-anthraquinone derivatives. Journal of Electroanalytical Chemistry, 2007, 600, 345-358. | 3.8 | 98 |
| 28 | Computational electrochemistry of aqueous two-electron reduction potentials of some amino-9,10-anthraquinone derivatives. Computational and Theoretical Chemistry, 2006, 758, 71-74. | 1.5 | 20 |