

# Sattar Arshadi

## List of Publications by Year in descending order

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28  
papers

817  
citations

567281

15  
h-index

552781

26  
g-index

28  
all docs

28  
docs citations

28  
times ranked

933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cyclic voltammetric, computational, and quantitative structure–electrochemistry relationship studies of the reduction of several 9,10-anthraquinone derivatives. <i>Journal of Electroanalytical Chemistry</i> , 2007, 600, 345-358.	3.8	98
2	Chemical fixation of CO <sub>2</sub> to N-propargylamines: A straightforward route to 2-oxazolidinones. <i>Journal of CO<sub>2</sub> Utilization</i> , 2017, 19, 120-129.	6.8	85
3	Three-component coupling of CO <sub>2</sub> , propargyl alcohols, and amines: An environmentally benign access to cyclic and acyclic carbamates (A Review). <i>Journal of CO<sub>2</sub> Utilization</i> , 2017, 21, 108-118.	6.8	76
4	N-Propargylic $\beta^2$ -enaminocarbonyls: powerful and versatile building blocks in organic synthesis. <i>RSC Advances</i> , 2017, 7, 13198-13211.	3.6	70
5	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
6	Nanocatalysts for chemical transformation of carbon dioxide. <i>Journal of CO<sub>2</sub> Utilization</i> , 2017, 21, 491-502.	6.8	65
7	Solvent-free incorporation of CO <sub>2</sub> into 2-oxazolidinones: a review. <i>RSC Advances</i> , 2019, 9, 19465-19482.	3.6	48
8	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
9	Cross-Dehydrogenative Coupling Reactions Between C(sp)-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
10	Recent advances in decarboxylative trifluoromethyl(thiol)ation of carboxylic acids. <i>Journal of Fluorine Chemistry</i> , 2019, 220, 24-34.	1.7	36
11	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
12	Synthesis of six-membered cyclic carbamates employing CO <sub>2</sub> as building block: A review. <i>Journal of CO<sub>2</sub> Utilization</i> , 2019, 33, 37-45.	6.8	33
13	A novel aluminum-sensitive fluorescent chemosensor based on 4-aminoantipyrene: An experimental and theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 212, 32-41.	3.9	22
14	Computational electrochemistry of aqueous two-electron reduction potentials of some amino-9,10-anthraquinone derivatives. <i>Computational and Theoretical Chemistry</i> , 2006, 758, 71-74.	1.5	20
15	A quest for stable 2,5-bis(halobora)cyclopentenylidene and its Si, Ge, Sn and Pb analogs at theoretical levels. <i>RSC Advances</i> , 2015, 5, 43319-43327.	3.6	18
16	Theoretical study of Cr and Co-porphyrin-induced C <sub>70</sub> 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
17	Covalent attachments of boron nitride nanotubes through a carboxylic linker: Density functional studies. <i>Solid State Sciences</i> , 2012, 14, 689-692.	3.2	10
18	Selective adsorption and dissociation of NO, NO <sub>2</sub> , and N <sub>2</sub> 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

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19	1,3-Dipolar cycloaddition between substituted phenyl azide and 2,3-dihydrofuran. Chemical Papers, 2014, 68, .	2.2	7
20	NBO, AIM, and TD-DFT assisted screening of BNNT optimum diameter on ethyl phosphorodimethylamidocyanidate sensor design. Phosphorus, Sulfur and Silicon and the Related Elements, 2016, 191, 1013-1021.	1.6	6
21	QSAR Investigation on Quinolizidinyl Derivatives in Alzheimer's Disease. Journal of Computational Medicine, 2013, 2013, 1-8.	0.3	5
22	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
23	Strategies for the direct oxidative esterification of thiols with alcohols. RSC Advances, 2022, 12, 14521-14534.	3.6	3
24	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
25	KF Impregnated Natrolite Zeolite as a New Heterogeneous Nanocatalyst Promoted One-Pot Synthesis of Benzo[1,4]-Diazepin-5-One Derivatives. Polycyclic Aromatic Compounds, 2022, 42, 7430-7445.	2.6	2
26	Donor Acceptor Bond in $[N\text{P}Cl_2]_3 \cdot 3MCl_3$ Adducts, a DFT Study and Comparison of Results with Experimental X-Ray Data. E-Journal of Chemistry, 2012, 9, 2097-2107.	0.5	1
27	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
28	Insight into the intermolecular interactions in the $NF_3 \cdot H_2SO_4$ system: a computational study. Journal of Sulfur Chemistry, 2016, 37, 674-682.	2.0	0