

# Foad Buazar

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,236  
citations

471509

17  
h-index

477307

29  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1076  
citing authors

#	ARTICLE	IF	CITATIONS
1	Algal magnetic nickel oxide nanocatalyst in accelerated synthesis of pyridopyrimidine derivatives. <i>Scientific Reports</i> , 2021, 11, 6296.	3.3	67
2	Enhanced sunlight photocatalytic activity and biosafety of marine-driven synthesized cerium oxide nanoparticles. <i>Scientific Reports</i> , 2021, 11, 14734.	3.3	67
3	Selenium functionalized magnetic nanocomposite as an effective mercury (II) ion scavenger from environmental water and industrial wastewater samples. <i>Journal of Environmental Management</i> , 2020, 276, 111263.	7.8	20
4	Synergistic effects of combinatorial chitosan and polyphenol biomolecules on enhanced antibacterial activity of biofunctionalized silver nanoparticles. <i>Scientific Reports</i> , 2020, 10, 19615.	3.3	108
5	Novel marine-based gold nanocatalyst in solvent-free synthesis of polyhydroquinoline derivatives: Green and sustainable protocol. <i>Applied Organometallic Chemistry</i> , 2020, 34, e6000.	3.5	30
6	Impact of Biocompatible Nanosilica on Green Stabilization of Subgrade Soil. <i>Scientific Reports</i> , 2019, 9, 15147.	3.3	42
7	Biofabrication of highly pure copper oxide nanoparticles using wheat seed extract and their catalytic activity: A mechanistic approach. <i>Green Processing and Synthesis</i> , 2019, 8, 691-702.	3.4	91
8	Phycosynthesis and Enhanced Photocatalytic Activity of Zinc Oxide Nanoparticles Toward Organosulfur Pollutants. <i>Scientific Reports</i> , 2019, 9, 6866.	3.3	256
9	A novel one-pot biosynthesis of pure alpha aluminum oxide nanoparticles using the macroalgae <i>Sargassum ilicifolium</i> : A green marine approach. <i>Ceramics International</i> , 2018, 44, 8940-8945.	4.8	79
10	Enhanced antibacterial activity, mechanical and physical properties of alginate/hydroxyapatite bionanocomposite film. <i>International Journal of Biological Macromolecules</i> , 2018, 116, 786-792.	7.5	65
11	Facile one-pot phytosynthesis of magnetic nanoparticles using potato extract and their catalytic activity. <i>Starch/Staerke</i> , 2016, 68, 796-804.	2.1	69
12	Potato extract as reducing agent and stabiliser in a facile green one-step synthesis of ZnO nanoparticles. <i>Journal of Experimental Nanoscience</i> , 2016, 11, 175-184.	2.4	94
13	Photodegradation of odorous 2-mercaptobenzoxazole through zinc oxide/hydroxyapatite nanocomposite. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 719-729.	3.1	33
14	Catalyst Degradation in High Temperature Proton Exchange Membrane Fuel Cells Based on Acid Doped Polybenzimidazole Membranes. <i>Fuel Cells</i> , 2013, 13, 822-831.	2.4	17
15	Nanosteel synthesis via arc discharge: media and current effects. <i>Journal of the Iranian Chemical Society</i> , 2012, 9, 151-156.	2.2	14
16	Diverse tungsten nanoparticles via arc discharge. <i>Journal of Manufacturing Processes</i> , 2010, 12, 85-91.	5.9	8
17	Heteroatom impacts on structure, stability and aromaticity of $X_nC_{20}^{+n}$ fullerenes: A theoretical prediction. <i>Computational and Theoretical Chemistry</i> , 2010, 940, 19-28.	1.5	21
18	Effects of Current on Arc Fabrication of Cu Nanoparticles. <i>Journal of Nanomaterials</i> , 2010, 2010, 1-5.	2.7	16

#	ARTICLE	IF	CITATIONS
19	Novel disilyleno- and digermolenocarbenes and SiSi containing cyclopropenylidenes at theoretical levels. Computational and Theoretical Chemistry, 2009, 893, 48-55.	1.5	0
20	A novel triplet germylene F3CGeGeH at theoretical levels. Computational and Theoretical Chemistry, 2009, 899, 46-53.	1.5	3
21	Al nanoparticles: Impact of media and current on the arc fabrication. Journal of Manufacturing Processes, 2009, 11, 31-37.	5.9	31
22	Theoretical impacts of terminal atoms (C, B, N, and P) on fragments of single-walled hetero carbon nanotubes. Physica E: Low-Dimensional Systems and Nanostructures, 2008, 40, 3187-3192.	2.7	3
23	Triplet germylenes with separable minima at ab initio and DFT levels. Computational and Theoretical Chemistry, 2008, 866, 52-57.	1.5	18
24	Media effects on nanobrass arc fabrications. Journal of Alloys and Compounds, 2008, 453, 229-232.	5.5	20
25	Detours for Reaching at New Germylenes, Silylenes, Carbenes, and Carbenogermylenes through Substituted Cyclopropenylidenes at Ab initio and DFT Levels. Monatshefte für Chemie, 2007, 138, 833-848.	1.8	5
26	Novel Triplet Ground State Silylenes: $\text{H}\hat{=}\text{N} = \text{C} = \text{Si}$ , $\text{CN}\hat{=}\text{N} = \text{C} = \text{Si}$ , and $\text{MeO}\hat{=}\text{N} = \text{C} = \text{Si}$ at DFT Levels. Monatshefte für Chemie, 2006, 137, 1385-1400.	1.8	2
27	Ab initio study of singlet-triplet energy separations in $\text{C}_2\text{HXS}_i$ silylenes (X=H, F, Cl and Br). Computational and Theoretical Chemistry, 2005, 722, 151-160.	1.5	28
28	Multiplicity vs. stability in $\text{C}_2\text{HP}$ carbenes and their halogenated analogues: an ab initio and DFT study. Computational and Theoretical Chemistry, 2005, 726, 171-181.	1.5	14
29	An ab initio and DFT comparative study of electronic effects on spin multiplicities and structures of $\text{X}\hat{=}\text{C}_2\text{N}$ carbenes. Computational and Theoretical Chemistry, 2005, 728, 15-24.	1.5	14