

SeyedAbdolreza Sadjadi

List of Publications by Year in descending order

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19
papers

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citations

1163117

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19
docs citations

19
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	The barrier to the methyl rotation in C_2 butene and its isomerization energy to T transbutene, revisited. <i>Journal of Computational Chemistry</i> , 2016, 37, 143-154.	3.3	28
2	A THEORETICAL STUDY ON THE VIBRATIONAL SPECTRA OF POLYCYCLIC AROMATIC HYDROCARBON MOLECULES WITH ALIPHATIC SIDEGROUPS. <i>Astrophysical Journal</i> , 2015, 801, 34.	4.5	21
3	ON THE ORIGIN OF THE 11.3 MICRON UNIDENTIFIED INFRARED EMISSION FEATURE. <i>Astrophysical Journal</i> , 2015, 807, 95.	4.5	20
4	Collective interactions among organometallics are exotic bonds hidden on lab shelves. <i>Nature Communications</i> , 2022, 13, 2069.	12.8	20
5	Relativistic-Consistent Electron Densities of the Coinage Metal Clusters M_2 , M_4 , M_4^{2+} , and M_4Na_2 (M = Cu, Ag, Au): A QTAIM Study. <i>Journal of Physical Chemistry A</i> , 2011, 115, 13024-13035.	2.5	19
6	Search for Hydrogenated C_{60} (Fullerenes) in Circumstellar Envelopes. <i>Astrophysical Journal</i> , 2017, 845, 76.	4.5	18
7	On the Origin of the 3.3 μ m Unidentified Infrared Emission Feature. <i>Astrophysical Journal</i> , 2017, 845, 123.	4.5	11
8	THE 6 μ m FEATURE AS A TRACER OF ALIPHATIC COMPONENTS OF INTERSTELLAR CARBONACEOUS GRAINS. <i>Astrophysical Journal</i> , 2016, 832, 213.	4.5	9
9	Theoretical infrared spectra of MAON molecules. <i>Journal of Physics: Conference Series</i> , 2016, 728, 062003.	0.4	7
10	Chemical bonding in groups 10, 11, and 12 transition metal homodimers: An electron density study. <i>Canadian Journal of Chemistry</i> , 2013, 91, 583-590.	1.1	6
11	A theoretical investigation of the possible detection of C_{24} in space. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2020, 28, 637-641.	2.1	6
12	Fullerenes and fullerenes in circumstellar envelopes. <i>Journal of Physics: Conference Series</i> , 2016, 728, 052004.	0.4	5
13	Hydrogenated fullerenes (fullerenes) in space. <i>Astrophysics and Space Science</i> , 2020, 365, 1.	1.4	5
14	It remains a cage: ionization tolerance of C_{60} fullerene in planetary nebulae. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2021, 29, 620-625.	2.1	5
15	On the topology of the electron density of H_3^+ . <i>Structural Chemistry</i> , 2017, 28, 1445-1452.	2.0	3
16	Bonding and metastability for Group 12 dications. <i>Journal of Computational Chemistry</i> , 2021, 42, 40-49.	3.3	3
17	The Astrochemistry Implications of Quantum Chemical Normal Modes Vibrational Analysis. <i>Galaxies</i> , 2018, 6, 123.	3.0	2
18	Chemical enrichment of galaxies as the result of organic synthesis in evolved stars. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 443-444.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Mixed Aromatic Aliphatic Organic Nanoparticles (MAON) as Carriers of Unidentified Infrared Emission Bands. Proceedings of the International Astronomical Union, 2018, 14, 401-402.	0.0	0