

Arseniy A Otlyotov

List of Publications by Year in descending order

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17
papers

93
citations

1684188

5
h-index

1474206

9
g-index

18
all docs

18
docs citations

18
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	DFT Study of the Molecular and Electronic Structure of Metal-Free Tetrabenzoporphyrin and Its Metal Complexes with Zn, Cd, Al, Ga, In. <i>International Journal of Molecular Sciences</i> , 2022, 23, 939.	4.1	17
2	Molecular Structure of Nickel Octamethylporphyrin—Rare Experimental Evidence of a Ruffling Effect in Gas Phase. <i>International Journal of Molecular Sciences</i> , 2022, 23, 320.	4.1	4
3	“In Vitro” and “In Vivo” Diagnostic Check for the Thermochemistry of Metal—Organic Compounds. <i>Inorganic Chemistry</i> , 2022, 61, 10743-10755.	4.0	2
4	Complexes of Ca(II), Ni(II) and Zn(II) with Hemi- and Dicarbahemiporphyrazines: Molecular Structure and Features of Metal-Ligand Bonding. <i>Macrocyclics</i> , 2021, 14, 119-129.	0.5	3
5	Molecular Structure of Pyrazinamide: A Critical Assessment of Modern Gas Electron Diffraction Data from Three Laboratories. <i>Journal of Physical Chemistry A</i> , 2020, 124, 5204-5211.	2.5	3
6	Molecular structure of 5,10,15,20-tetrakis(4-fluorophenyl)porphyrin by combined gas-phase electron diffraction/mass spectrometry experiment and DFT calculations. <i>Journal of Molecular Structure</i> , 2020, 1221, 128662.	3.6	2
7	DFT Study of Molecular and Electronic Structure of Ca(II) and Zn(II) Complexes with Porphyrazine and tetrakis(1,2,5-thiadiazole)porphyrazine. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2923.	4.1	11
8	Molecular structure of cobalt(II) etioporphyrin-II determined by combined gas-phase electron diffraction/mass-spectrometry and quantum chemical calculations: Searching a ruffling and saddling effects. <i>Journal of Molecular Structure</i> , 2020, 1216, 128319.	3.6	4
9	Ligand Coordination in Bis(β^2 -diketonato) d Metals: The Mn(II) Case of D_{2h} versus D_{2d} Symmetry. <i>Inorganic Chemistry</i> , 2019, 58, 4344-4349.	4.0	5
10	Gas-phase structures of hemiporphyrazine and dicarbahemiporphyrazine: Key role of interactions inside coordination cavity. <i>Journal of Molecular Structure</i> , 2019, 1184, 576-582.	3.6	5
11	Hemihexaphyrazine and Thiadiazole Annulated Hemihexaphyrazine: A Theoretical Insight into Aromaticity and Energetics of Hydrogen Bonding. <i>Macrocyclics</i> , 2019, 12, 209-214.	0.5	3
12	DFT STUDY OF MOLECULAR STRUCTURE OF 5,10,15,20-TETRAKIS(4-HALOGENOPHENYL)PORPHYRINS AND THEIR ISOMERS. <i>ChemChemTech</i> , 2019, 63, 51-57.	0.3	0
13	Nitroxoline Molecule: Planar or Not? A Story of Battle between π Conjugation and Interatomic Repulsion. <i>Journal of Physical Chemistry A</i> , 2018, 122, 1691-1701.	2.5	7
14	Intramolecular Hydrogen Bonding and Electronic Structure of Thiadiazole Annulated Hemihexaphyrazine. <i>Macrocyclics</i> , 2018, 11, 67-72.	0.5	0
15	Gas-phase structure of 1,8-bis[(trimethylsilyl)ethynyl]anthracene: cog-wheel-type vs. independent internal rotation and influence of dispersion interactions. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 13093-13100.	2.8	10
16	The effect of molecular dynamics sampling on the calculated observable gas-phase structures. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 18237-18245.	2.8	5
17	1,8-Bis(phenylethynyl)anthracene—gas and solid phase structures. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 8893-8905.	2.8	12