

Rifaat Hilal

List of Publications by Year in descending order

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8
papers

127
citations

1478505

6
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

221
citing authors

#	ARTICLE	IF	CITATIONS
1	Unraveling the Electronic Structure of Photocatalytic Manganese Complexes by L-Edge X-ray Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19192-19200.	3.1	40
2	Electronic structure of orotic acid I. Geometry, conformational preference and tautomerism. <i>Computational and Theoretical Chemistry</i> , 2004, 685, 35-42.	1.5	21
3	A comparative quantum chemical study of methyl acetate and S-methyl thioacetate Toward an understanding of the biochemical reactivity of esters of coenzyme A. <i>Biophysical Chemistry</i> , 1985, 22, 145-150.	2.8	19
4	Unconventional hydrogen bonding to organic ions in the gas phase: Stepwise association of hydrogen cyanide with the pyridine and pyrimidine radical cations and protonated pyridine. <i>Journal of Chemical Physics</i> , 2014, 141, 054305.	3.0	18
5	Electronic structure of the peptide linkage. I. Equilibrium geometry and electronic properties of formhydroxamic acid. <i>International Journal of Quantum Chemistry</i> , 1984, 26, 183-196.	2.0	17
6	Electronic structure of orotic acid III geometric feature and thermal properties of some transition metal orotic acid complexes. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 63, 740-748.	3.9	11
7	Gas-phase acidity and dynamics of the protonation processes of carbidopa and levodopa. A QM/QD study. <i>Journal of Biomolecular Structure and Dynamics</i> , 2016, 34, 2268-2280.	3.5	1
8	Photodissociation of FONO: an excited state nonadiabatic dynamics study. <i>Journal of Molecular Modeling</i> , 2017, 23, 77.	1.8	0