Ehsan Masumian

List of Publications by Year
in descending order

9 papers	72 citations	1684188 5 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	71 citing authors

#	Article	IF	Citations
1	Intramolecular resonance-assisted hydrogen bonds: Insights from symmetry adapted perturbation theory. Chemical Physics, 2022, 557, 111474.	1.9	2
2	Theoretical evidence for the resonance-inhibited hydrogen bonding (RIHB) in enol-imine tautomers. Chemical Physics, 2021, 549, 111255.	1.9	2
3	Comparative study of resonance-inhibited hydrogen bonded (RIHB) systems with different atoms involved: the leading role of Ïƒ-planarity. Molecular Physics, 2019, 117, 1871-1881.	1.7	3
4	A theoretical study on the coordination behavior of some phosphoryl, carbonyl and sulfoxide derivatives in lanthanide complexation. Journal of Molecular Modeling, 2018, 24, 328.	1.8	5
5	Comparative study of NHÂ·Â·Â·O and NHÂ·Â·Â·S intramolecular hydrogen bonds in Î²-aminoacrolein, Î²-thioaminoacrolein and their halogenated derivatives by some usual methods. Structural Chemistry, 2017, 28, 587-596.	2.0	9
6	Computational investigation on the intramolecular resonance-inhibited hydrogen bonding: a new type of interaction versus the RAHB model. Theoretical Chemistry Accounts, 2015, 134, 1.	1.4	12
7	A comprehensive theoretical study of tautomeric and conformeric preferences, intramolecular hydrogen bonding, and Ï€-electron delocalization in Î²-selenoaminoacrolein with its thio and oxo analogs. Structural Chemistry, 2014, 25, 1359-1368.	2.0	9
8	Exploring the correlation between the Ï€-electron delocalization and intramolecular hydrogen bond in malonaldehyde derivatives; a quantum chemical study. Structural Chemistry, 2014, 25, 1415-1422.	2.0	13
9	Hydrogen adsorption on SiC nanotube under transverse electric field. Physics Letters, Section A: General, Atomic and Solid State Physics, 2014, 378, 2549-2552.	2.1	17