

# Ehsan Masumian

## List of Publications by Year in descending order

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9  
papers

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citations

1684188

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