Sadasivam Manogaran

List of Publications by Year
in descending order

11	142	1307594 7	1372567 10
papers	citations	h-index	g-index

11	11	11	157
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Quantification of Hydrogen Bond Strength Based on Interaction Coordinates: A New Approach. Journal of Physical Chemistry A, 2017, 121, 6090-6103.	2.5	31
2	Quantification of Aromaticity Based on Interaction Coordinates: A New Proposal. Journal of Physical Chemistry A, 2016, 120, 2894-2901.	2.5	26
3	Quantification of Aromaticity of Heterocyclic Systems Using Interaction Coordinates. Journal of Physical Chemistry A, 2018, 122, 6953-6960.	2.5	22
4	Vibrational spectra of adamantanes X10H16 and diamantanes X14H20 (X=C, Si, Ge, Sn): A theoretical study. Computational and Theoretical Chemistry, 2006, 766, 125-135.	1.5	15
5	Force field calculation of molecules with isotopomers of different symmetries in vibrational spectral analysis. Computational and Theoretical Chemistry, 2001, 574, 245-254.	1.5	11
6	Vibrational spectra of triamantane X18H24, iso-tetramantane X22H28 and cyclohexamantane X26H30 (X=C, Si, Ge, Sn) â€“ A theoretical study. Computational and Theoretical Chemistry, 2007, 816, 31-41.	1.5	10
7	Intramolecular hydrogen bond: Can it be part of the basis set of valence internal coordinates in normal mode analysis?. Journal of Chemical Sciences, 2015, 127, 1127-1134.	1.5	8
8	Substituent effects on the aromaticity of benzeneâ€”An approach based on interaction coordinates. Journal of Chemical Physics, 2019, 150, 214108.	3.0	8
9	Redundant internal coordinates, compliance constants and non-bonded interactions â€“ some new insights. Journal of Chemical Sciences, 2013, 125, 9-15.	1.5	6
10	Electronic structure and vibrational spectra of X20H20 (X=C, Si, Ge, Sn): A theoretical study. Computational and Theoretical Chemistry, 2005, 730, 171-176.	1.5	5
11	Anharmonicity in compliance formalism: Potential constants and interaction coordinates. International Journal of Quantum Chemistry, 0, , e26841.	2.0	0