S M Azami

List of Publications by Year
in descending order

14	68	1478280 6	1588896 8
papers	citations	h-index	g-index

14	14	14	47
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electron Density Based Characterization of Ï€ Bonds in Planar Molecules. Journal of Physical Chemistry A, 2010, 114, 11794-11797.	1.1	15
2	Orbital representation of kinetic energy pressure. Journal of Chemical Physics, 2009, 130, 084113.	1.2	11
3	Electronic states and nonlinear optical properties of a twoâ€dimensional hexagonal quantum dot: Effects of impurity, geometrical size and confinement potential. Physica Status Solidi (B): Basic Research, 2012, 249, 1459-1464.	0.7	9
4	Encapsulation of glycine inside C60 fullerene: Impact of confinement. Physics Letters, Section A: General, Atomic and Solid State Physics, 2019, 383, 126004.	0.9	8
5	Local Ïƒâ€“Ï€ mixing in C60 buckminsterfullerene. Computational and Theoretical Chemistry, 2009, 901, 153-156.	1.5	7
6	Topological analysis of steric and relaxation deformation densities. Molecular Physics, 2017, 115, 743-756.	0.8	7
7	Electron Density Analysis of Hyperconjugation. ChemPhysChem, 2015, 16, 3842-3845.	1.0	3
8	Local angular momentum as ring strain descriptor. International Journal of Quantum Chemistry, 2012, 112, 2623-2626.	1.0	2
9	DFT Study of the Interaction of Trialkylamines with $$\hbox {Ni}_{4}$$ Ni 4 -Clusters. Arabian Journal for Science and Engineering, 2019, 44, 199-208.	1.7	2
10	Block deformation analysis: Density matrix blocks as intramolecular deformation density. Journal of Computational Chemistry, 2020, 41, 2446-2458.	1.5	2
11	Asymmetric deformation density analysis in carbon nanotubes. International Journal of Quantum Chemistry, 2020, 120, e26277.	1.0	1
12	Theoretical Prediction of Capacitance of Bilayer Graphene Flakes. ChemistrySelect, 2020, 5, 2954-2960.	0.7	1
13	Electronic structure, thermodynamic properties and metallic behaviours of hydrogen. Molecular Physics, 2021, 119, e1810350.	0.8	0
14	Kinetic Energy Pressure and Relaxation Analysis of Intermolecular Interaction between Carbon Nanorings and Some Molecules. Russian Journal of Physical Chemistry A, 2021, 95, 2609-2618.	0.1	0