Mohammad Noh Daud

List of Publications by Year
in descending order

13	110	1937685 4	1281871 11
papers	citations	h-index	g-index

14	14	14	114
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Controlling quantum wave packet of electronic motion on <scp>fieldâ€dressed</scp> Coulomb potential of by <scp>carrierâ€envelope phaseâ€dependent</scp> strong field laser pulses. International Journal of Quantum Chemistry, 2021, 121, e26783.	2.0	1
2	Ultrafast quantum imaging in the dissociation of H2+ via the induced conical intersection of two lowest adiabatic states by strong field laser pulses. Chemical Physics, 2021, 549, 111253.	1.9	1
3	Structural, electronic and magnetic properties of stoichiometric cobalt oxide clusters (CoO)nq (n=3â˜10,q=0,+1): A modified basin-hopping Monte Carlo algorithm with spin-polarized DFT. Journal of Theoretical and Computational Chemistry, 2019, 18, 1950003.	1.8	2
4	Full-dimensional quantum molecular dynamics calculations of the rovibrationally mediated X 1Aâ€² â† 2 1Aâ€²â€² transition of nitrous oxide. International Journal of Quantum Chemistry, 2016, 116, 452-468.	2.0	4
5	Structure-electronics relations of discotic liquid crystals from a molecular modelling perspective. Liquid Crystals, 2016, 43, 2092-2113.	2.2	26
6	Unexpected cleavage of Câ€“S bond in the hydrazination of 2-((3,5-di- tert -butyl-4-hydroxybenzyl)thio) nicotinate: synthesis and mechanistic studies by kinetic and computational approaches. Tetrahedron, 2016, 72, 883-890.	1.9	2
7	Quantum control of electron-proton symmetry breaking in dissociative ionization of H₂by intense laser pulses. International Journal of Quantum Chemistry, 2015, 115, 369-380.	2.0	12
8	Time-dependent quantum dynamics calculations of product photofragment cross-sections. Journal of Theoretical and Computational Chemistry, 2014, 13, 1450003.	1.8	1
9	Multireference calculations of potential energy and transition dipole moment surfaces for first and second UV absorption bands of N₂O. Journal of Theoretical and Computational Chemistry, 2014, 13, 1450020.	1.8	0
10	Accurate treatment of total photoabsorption cross sections by an ab initio time-dependent method. European Physical Journal D, 2014, 68, 1.	1.3	4
11	UV Photolysis of N2O Isotopomers: Isotopic Fractionations and Product Rotational Quantum State Distributions. Chinese Journal of Chemical Physics, 2011, 24, 679-685.	1.3	0
12	A Time-Dependent Wavepacket Method for Photodissociation Dynamics of Triatomic Molecule. Chinese Physics Letters, 2009, 26, 073302.	3.3	10
13	Ab initio potential energy surfaces, total absorption cross sections, and product quantum state distributions for the low-lying electronic states of N2O. Journal of Chemical Physics, 2005, 122, 054305.	3.0	47