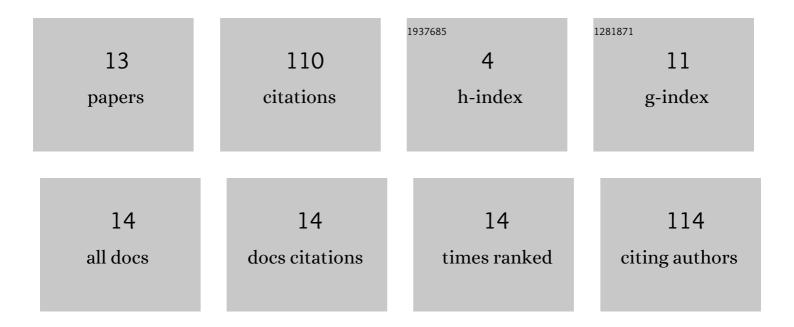
Mohammad Noh Daud

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	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
2	Structure-electronics relations of discotic liquid crystals from a molecular modelling perspective. Liquid Crystals, 2016, 43, 2092-2113.	2.2	26
3	Quantum control of electron-proton symmetry breaking in dissociative ionization of H ₂ by intense laser pulses. International Journal of Quantum Chemistry, 2015, 115, 369-380.	2.0	12
4	A Time-Dependent Wavepacket Method for Photodissociation Dynamics of Triatomic Molecule. Chinese Physics Letters, 2009, 26, 073302.	3.3	10
5	Accurate treatment of total photoabsorption cross sections by an ab initio time-dependent method. European Physical Journal D, 2014, 68, 1.	1.3	4
6	Full-dimensional quantum molecular dynamics calculations of the rovibrationally mediated X 1A′ → 2 1A′â€ transition of nitrous oxide. International Journal of Quantum Chemistry, 2016, 116, 452-468.	² 2.0	4
7	Unexpected cleavage of C–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
8	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
9	Time-dependent quantum dynamics calculations of product photofragment cross-sections. Journal of Theoretical and Computational Chemistry, 2014, 13, 1450003.	1.8	1
10	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
11	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
12	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
13	Multireference calculations of potential energy and transition dipole moment surfaces for first and second UV absorption bands of N ₂ O . Journal of Theoretical and Computational Chemistry, 2014, 13, 1450020.	1.8	0