

Mohammad Noh Daud

List of Publications by Year in descending order

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13
papers

110
citations

1937685

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1281871

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docs citations

14
times ranked

114
citing authors

#	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 N ₂ O. <i>Journal of Chemical Physics</i> , 2005, 122, 054305.	3.0	47
2	Structure-electronics relations of discotic liquid crystals from a molecular modelling perspective. <i>Liquid Crystals</i> , 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. <i>International Journal of Quantum Chemistry</i> , 2015, 115, 369-380.	2.0	12
4	A Time-Dependent Wavepacket Method for Photodissociation Dynamics of Triatomic Molecule. <i>Chinese Physics Letters</i> , 2009, 26, 073302.	3.3	10
5	Accurate treatment of total photoabsorption cross sections by an ab initio time-dependent method. <i>European Physical Journal D</i> , 2014, 68, 1.	1.3	4
6	Full-dimensional quantum molecular dynamics calculations of the rovibrationally mediated X ¹ Σ ⁺ → X ² Σ ⁺ transition of nitrous oxide. <i>International Journal of Quantum Chemistry</i> , 2016, 116, 452-468.	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. <i>Tetrahedron</i> , 2016, 72, 883-890.	1.9	2
8	Structural, electronic and magnetic properties of stoichiometric cobalt oxide clusters (CoO) _n (n=3~10, q=0,+1): A modified basin-hopping Monte Carlo algorithm with spin-polarized DFT. <i>Journal of Theoretical and Computational Chemistry</i> , 2019, 18, 1950003.	1.8	2
9	Time-dependent quantum dynamics calculations of product photofragment cross-sections. <i>Journal of Theoretical and Computational Chemistry</i> , 2014, 13, 1450003.	1.8	1
10	Controlling quantum wave packet of electronic motion on dressed Coulomb potential of by carrier-envelope phase dependent strong field laser pulses. <i>International Journal of Quantum Chemistry</i> , 2021, 121, e26783.	2.0	1
11	Ultrafast quantum imaging in the dissociation of H ₂ ⁺ via the induced conical intersection of two lowest adiabatic states by strong field laser pulses. <i>Chemical Physics</i> , 2021, 549, 111253.	1.9	1
12	UV Photolysis of N ₂ O Isotopomers: Isotopic Fractionations and Product Rotational Quantum State Distributions. <i>Chinese Journal of Chemical Physics</i> , 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. <i>Journal of Theoretical and Computational Chemistry</i> , 2014, 13, 1450020.	1.8	0