

Reza Islampour

List of Publications by Year in descending order

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15
papers

268
citations

840776

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1058476

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all docs

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docs citations

15
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	An extensive study of transformation of the diatomic $\langle \text{H} \rangle$ hamiltonian operator from laboratory to body-fixed frame. International Journal of Quantum Chemistry, 2015, 115, 510-522.	2.0	2
2	Theoretical analysis of vibronic structure in absorption and fluorescence spectra of polyatomic molecules beyond the Condon approximation: Application to $11A_g \rightarrow 21A_g$ and $11A_g \rightarrow 11B_u$ electronic transitions in all-trans-1,3,5,7-octatetraene. Journal of Molecular Spectroscopy, 2013, 286-287, 30-45.	1.2	2
3	Excited-State Dynamics of <i>trans</i> , <i>trans</i> -1,3,5,7-Octatetraene: Estimation of Decay Rate Constants of 1^1B_u and 2^1A_g and 2^1A_g Internal Conversions. Journal of Physical Chemistry A, 2011, 115, 8860-8869.	2.5	3
4	Theoretical Study of Internal Conversion Decay Rates Associated with the Three Lowest Singlet Electronic States in Pyrazine. Journal of Physical Chemistry A, 2009, 113, 2340-2349.	2.5	16
5	On the Nonradiative Decay of Individual Vibronic States. Bulletin of the Chemical Society of Japan, 1995, 68, 3019-3026.	3.2	0
6	Effects of anharmonicity on intramolecular electron transfer rates. Chemical Physics Letters, 1991, 179, 147-151.	2.6	12
7	A unified transformation of the complete molecular Hamiltonian. Journal of Molecular Spectroscopy, 1991, 147, 1-15.	1.2	11
8	On the theory of photoinduced intramolecular electron transfer. The Journal of Physical Chemistry, 1991, 95, 10261-10266.	2.9	25
9	Electronic spectral line shape of a polyatomic molecule. Chemical Physics, 1989, 133, 425-435.	1.9	25
10	Generating function for electronic spectra of polyatomic molecules. The Journal of Physical Chemistry, 1985, 89, 201-204.	2.9	60
11	Line broadening in rigid and nonrigid clusters and molecular electronic spectra. The spectral density formalism. Journal of Chemical Physics, 1984, 80, 5487-5495.	3.0	24
12	Spectral lineshapes of molecular clusters. Chemical Physics Letters, 1984, 107, 239-244.	2.6	21
13	A pure-dephasing model for overtone lineshapes. Chemical Physics Letters, 1984, 108, 161-165.	2.6	12
14	Molecular translational-rovibronic hamiltonian. I. Non-linear molecules. Chemical Physics, 1983, 74, 67-76.	1.9	34
15	Molecular translational-rovibronic hamiltonian. II. Linear molecules. Chemical Physics, 1983, 75, 157-164.	1.9	21