

Mojtaba Rezaei

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic observation and structure of CS ₂ dimer. Journal of Chemical Physics, 2011, 134, 144306.	3.0	31
2	CO Dimer: The Infrared Spectrum Revisited. Journal of Physical Chemistry A, 2013, 117, 9612-9620.	2.5	30
3	Nonpolar nitrous oxide dimer: Observation of combination bands of (14N ¹⁵ O) ₂ and (15N ¹⁴ O) ₂ involving the torsion and antigeared bending modes. Journal of Chemical Physics, 2012, 136, 124308.	3.0	24
4	Infrared spectrum of the CS ₂ trimer: observation of a structure with D ₃ symmetry. Physical Chemistry Chemical Physics, 2011, 13, 12635.	2.8	20
5	Infrared spectrum of the CS ₂ tetramer: Observation of a structure with D _{2d} symmetry. Chemical Physics Letters, 2013, 570, 12-15.	2.6	13
6	The weakly-bound CO ₂ -acetylene complex: Fundamental and torsional combination band in the CO ₂ $\hat{1}/2$ 3 region. Journal of Molecular Spectroscopy, 2011, 267, 19-22.	1.2	12
7	Towards an understanding of the helium-acetylene van der Waals complex. Molecular Physics, 2012, 110, 2743-2750.	1.7	12
8	A New Look at the Infrared Spectrum of the Weakly Bound CO-N ₂ Complex. Journal of Physical Chemistry A, 2013, 117, 13752-13758.	2.5	10
9	Five intermolecular vibrations of the CO ₂ dimer observed via infrared combination bands. Journal of Chemical Physics, 2016, 145, 174302.	3.0	10
10	Infrared spectra of ethylene clusters: (C ₂ D ₄) ₂ and (C ₂ D ₄) ₃ . Physical Chemistry Chemical Physics, 2012, 14, 8415.	2.8	9
11	Infrared spectra of the Ne ₂ -N ₂ O, Ar ₂ -N ₂ O trimers. Journal of Molecular Spectroscopy, 2012, 278, 17-22.	1.2	8
12	Infrared Spectra of the C ₂ H ₂ -(OCS) ₂ van der Waals Complex: Observation of a Structure with C _{2v} Symmetry. Journal of Physical Chemistry A, 2011, 115, 10416-10422.	2.5	6
13	Spectroscopic observation of nitrous oxide pentamers. Journal of Chemical Physics, 2012, 136, 224308.	3.0	6
14	Infrared spectra of acetylene-water complexes: C ₂ D ₂ -H ₂ O, C ₂ D ₂ -HDO, and C ₂ D ₂ -D ₂ O. Journal of Molecular Spectroscopy, 2012, 272, 19-22.	1.2	6
15	Communication: Spectroscopic evidence for a planar cyclic CO trimer. Journal of Chemical Physics, 2013, 138, 071102.	3.0	5
16	On the $\hat{1}/2$ 12 band of C ₆ D ₆ at 2289cm ⁻¹ . Journal of Molecular Spectroscopy, 2014, 296, 14-16.	1.2	3
17	The infrared spectrum of the Ar-C ₂ D ₂ complex. Journal of Molecular Spectroscopy, 2016, 328, 46-49.	1.2	3
18	Intermolecular vibrations of the CO ₂ -CS ₂ complex: Experiment and theory agree, but understanding remains challenging. Journal of Molecular Spectroscopy, 2016, 330, 188-193.	1.2	3

#	ARTICLE	IF	CITATIONS
19	Infrared spectra reveal box-like structures for a pentamer and hexamer of mixed carbon dioxide-acetylene clusters. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 1381-1385.	2.8	3
20	Fundamental and combination bands of CO ₂ -C ₂ H ₂ and CO ₂ -C ₂ D ₂ in the mid-infrared region. <i>Molecular Physics</i> , 2014, 112, 2445-2450.	1.7	2
21	Infrared spectra of the NeC ₂ D ₄ and ArC ₂ D ₄ complexes. <i>Journal of Molecular Spectroscopy</i> , 2013, 289, 21-25.	1.2	1