

Mojtaba Rezaei

List of Publications by Year in descending order

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all docs

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docs citations

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times ranked

158
citing authors

#	ARTICLE	IF	CITATIONS
1	Five intermolecular vibrations of the CO ₂ dimer observed via infrared combination bands. Journal of Chemical Physics, 2016, 145, 174302.	3.0	10
2	The infrared spectrum of the ArC ₂ D ₂ complex. Journal of Molecular Spectroscopy, 2016, 328, 46-49.	1.2	3
3	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
4	Infrared spectra reveal box-like structures for a pentamer and hexamer of mixed carbon dioxideacetylene clusters. Physical Chemistry Chemical Physics, 2016, 18, 1381-1385.	2.8	3
5	Fundamental and combination bands of CO ₂ C ₂ H ₂ and CO ₂ C ₂ D ₂ in the mid-infrared region. Molecular Physics, 2014, 112, 2445-2450.	1.7	2
6	On the $\hat{\nu}_{12}$ band of C ₆ D ₆ at 2289cm ⁻¹ . Journal of Molecular Spectroscopy, 2014, 296, 14-16.	1.2	3
7	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
8	CO Dimer: The Infrared Spectrum Revisited. Journal of Physical Chemistry A, 2013, 117, 9612-9620.	2.5	30
9	A New Look at the Infrared Spectrum of the Weakly Bound CO ₂ N ₂ Complex. Journal of Physical Chemistry A, 2013, 117, 13752-13758.	2.5	10
10	Infrared spectra of the NeC ₂ D ₄ and ArC ₂ D ₄ complexes. Journal of Molecular Spectroscopy, 2013, 289, 21-25.	1.2	1
11	Communication: Spectroscopic evidence for a planar cyclic CO trimer. Journal of Chemical Physics, 2013, 138, 071102.	3.0	5
12	Nonpolar nitrous oxide dimer: Observation of combination bands of (14N ₂ O) ₂ and (15N ₂ O) ₂ involving the torsion and antigeared bending modes. Journal of Chemical Physics, 2012, 136, 124308.	3.0	24
13	Spectroscopic observation of nitrous oxide pentamers. Journal of Chemical Physics, 2012, 136, 224308.	3.0	6
14	Towards an understanding of the heliumacetylene van der Waals complex. Molecular Physics, 2012, 110, 2743-2750.	1.7	12
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Infrared Spectra of the C ₂ H ₂ -(OCS) ₂ van der Waals Complex: Observation of a Structure with <i>C₂</i> Symmetry. Journal of Physical Chemistry A, 2011, 115, 10416-10422.	2.5	6
20	Spectroscopic observation and structure of CS ₂ dimer. Journal of Chemical Physics, 2011, 134, 144306.	3.0	31
21	The weakly-bound CO ₂ acetylene complex: Fundamental and torsional combination band in the CO ₂ 1 ¹ / ₂ 3 region. Journal of Molecular Spectroscopy, 2011, 267, 19-22.	1.2	12