

Arman Nejad

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Rather Universal Vibrational Resonance in 1:1 Hydrates of Carbonyl Compounds. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 138-144.	4.6	15
2	The Raman jet spectrum of <i>trans</i> -formic acid and its deuterated isotopologs: Combining theory and experiment to extend the vibrational database. <i>Journal of Chemical Physics</i> , 2021, 154, 064301.	3.0	14
3	CC-stretched formic acid: isomerisation, dimerisation, and carboxylic acid complexation. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 17208-17223.	2.8	6
4	Slow monomer vibrations in formic acid dimer: Stepping up the ladder with FTIR and Raman jet spectroscopy. <i>Journal of Chemical Physics</i> , 2021, 155, 224301.	3.0	8
5	Concerted Pair Motion Due to Double Hydrogen Bonding: The Formic Acid Dimer Case. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 5-19.	1.9	15
6	On the separability of large-amplitude motions in anharmonic frequency calculations. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 20588-20601.	2.8	1
7	Glycolic Acid as a Vibrational Anharmonicity Benchmark. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 5228-5233.	4.6	13
8	Increasing the weights in the molecular work-out of <i>cis</i> - and <i>trans</i> -formic acid: extension of the vibrational database <i>via</i> deuteration. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 25492-25501.	2.8	17