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List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Are hydrogen bonds to sulfur and oxygen different? Theoretical study of dimethylsulfide and dimethylether complexes with nitric acid. <i>Chemical Physics Letters</i> , 2004, 391, 143-147.	2.6	29
2	Infrared Matrix Isolation Studies and Ab Initio Calculations of Formhydroxamic Acid. <i>Journal of Physical Chemistry A</i> , 2002, 106, 3714-3721.	2.5	26
3	Photodecomposition of formohydroxamic acid. Matrix isolation FTIR and DFT studies. <i>Physical Chemistry Chemical Physics</i> , 2003, 5, 4790-4797.	2.8	24
4	Cis- and trans isomerism of the keto tautomer of formohydroxamic acid. <i>Chemical Physics Letters</i> , 2003, 371, 713-718.	2.6	19
5	Keto- and iminol tautomerism in acetohydroxamic and formohydroxamic acids. <i>Vibrational Spectroscopy</i> , 2007, 45, 46-54.	2.2	17
6	Intra- and intermolecular hydrogen bonding in formohydroxamic acid complexes with water and ammonia: infrared matrix isolation and theoretical study. <i>Chemical Physics</i> , 2005, 308, 59-68.	1.9	15
7	Structure, spectra and stability of a tetrafluoromethane-water complex. <i>Physical Chemistry Chemical Physics</i> , 2008, 10, 1292-1297.	2.8	14
8	Structural and spectroscopic characterization of DMF complexes with nitrogen, carbon dioxide, ammonia and water. Infrared matrix isolation and theoretical studies. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 423-432.	3.9	13
9	Isomeric and structural determination of N-hydroxyurea: a matrix isolation and theoretical study. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 15111.	2.8	11
10	Photochemistry of Acetohydroxamic Acid in Solid Argon. FTIR and Theoretical Studies. <i>Journal of Physical Chemistry A</i> , 2018, 122, 60-71.	2.5	11
11	Theoretical study of hydrogen bonded complexes of dimethyl disulfide or dimethyl peroxide with nitric acid. <i>Journal of Molecular Structure</i> , 2006, 786, 33-38.	3.6	10
12	Formaldoxime hydrogen bonded complexes with ammonia and hydrogen chloride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 68-75.	3.9	10
13	Dimerization of the keto tautomer of acetohydroxamic acid - infrared matrix isolation and theoretical study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 1491-1497.	3.9	9
14	Photodecomposition of N-hydroxyurea in argon matrices. FTIR and theoretical studies. <i>RSC Advances</i> , 2013, 3, 1922-1932.	3.6	9
15	Infrared matrix isolation studies of the acetohydroxamic acid complexes with HF and HCl. <i>Journal of Molecular Structure</i> , 2004, 692, 163-168.	3.6	8
16	The interaction of formohydroxamic acid with carbon monoxide: FTIR matrix isolation and quantum chemistry studies. <i>Chemical Physics</i> , 2004, 300, 209-216.	1.9	8
17	The interaction of formohydroxamic acid with nitrogen: FTIR matrix isolation and ab initio studies. <i>Journal of Molecular Structure</i> , 2004, 708, 183-188.	3.6	7
18	Infrared spectra and photochemistry of 2-(tetrazol-5-yl)benzoic acid isolated in nitrogen matrices. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 371, 292-299.	3.9	7

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19	Matrix Infrared Spectra and ab Initio Calculations of the Formohydroxamic Acid Complexes with HF and HCl. <i>Journal of Physical Chemistry A</i> , 2003, 107, 2448-2457.	2.5	6
20	Hydrogen Bonding in Allene Complexes with Nitric and Nitrous Acids:Â Theoretical and Infrared Matrix Isolation Study. <i>Journal of Physical Chemistry B</i> , 2004, 108, 15578-15586.	2.6	6
21	Theoretical DFT and matrix isolation FTIR studies of 2-(1,2,4-triazoly)phenol isomers. <i>Chemical Physics Letters</i> , 2016, 657, 156-161.	2.6	5
22	Interaction of N-hydroxyurea with strong proton donors: HCl and HF. <i>Chemical Physics</i> , 2014, 444, 15-22.	1.9	3
23	Complexes of Formaldehyde and $\hat{\pm}$ -Dicarbonyls with Hydroxylamine: FTIR Matrix Isolation and Theoretical Study. <i>Molecules</i> , 2021, 26, 1144.	3.8	3
24	Structure, Spectra and Photochemistry of 2-Amino-4-Methylthiazole: FTIR Matrix Isolation and Theoretical Studies. <i>Molecules</i> , 2022, 27, 3897.	3.8	3
25	N-Hydroxyurea dimers: A matrix isolation and theoretical study. <i>Vibrational Spectroscopy</i> , 2016, 85, 149-156.	2.2	2