

Alexander Ivanov

List of Publications by Year in descending order

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19
papers

252
citations

1163117

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940533

16
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19
docs citations

19
times ranked

186
citing authors

#	ARTICLE	IF	CITATIONS
1	The O-H stretching vibrations of glycine trapped in rare gas matrices and helium clusters. <i>Journal of Chemical Physics</i> , 1999, 111, 2978-2984.	3.0	94
2	Conformational structures and vibrational spectra of isolated pyrimidine nucleosides: Fourier transform infrared matrix isolation study of 2-deoxyuridine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 1959-1973.	3.9	33
3	A low-temperature quartz microbalance. <i>Instruments and Experimental Techniques</i> , 2009, 52, 308-311.	0.5	22
4	FTIR spectra and conformations of 2-deoxyuridine in Kr matrices. <i>Low Temperature Physics</i> , 2007, 33, 590-594.	0.6	21
5	Fermi resonance in Ne, Ar and Kr-matrix infrared spectra of 5-bromouracil. <i>Low Temperature Physics</i> , 2013, 39, 546-551.	0.6	14
6	Molecular structures of thymidine isomers isolated in low-temperature inert matrices. <i>Low Temperature Physics</i> , 2003, 29, 809-813.	0.6	12
7	Nucleoside conformers in low-temperature argon matrices: Fourier transform IR spectroscopy of isolated thymidine and deuteriothymidine molecules and quantum-mechanical calculations. <i>Low Temperature Physics</i> , 2019, 45, 1008-1017.	0.6	9
8	Vibrational spectra of adenine molecules in Kr, Ar, and Ne matrices. <i>Low Temperature Physics</i> , 2013, 39, 1096-1102.	0.6	8
9	Infrared spectra of 5-fluorouracil molecules isolated in inert Ar matrices, and their films on graphene oxide at 6%K. <i>Low Temperature Physics</i> , 2017, 43, 400-408.	0.6	8
10	Features of the conformational structures of 2-deoxyuridine, matrix isolated in Ar and Kr. <i>Low Temperature Physics</i> , 2008, 34, 762-767.	0.6	7
11	The conformational structure of adenosine molecules, isolated in low-temperature Ar matrices. <i>Low Temperature Physics</i> , 2015, 41, 936-941.	0.6	6
12	Conformations of ribonucleoside uridine in the low temperature Ar matrices. <i>Low Temperature Physics</i> , 2010, 36, 458-464.	0.6	5
13	Manifestation of Fermi resonance in the vibrational spectra of 5-ioduracil, and its deuterio-derivatives isolated in low-temperature Ar matrices. <i>Low Temperature Physics</i> , 2014, 40, 1097-1103.	0.6	4
14	Effect of low-temperature argon matrices on the IR spectra and structure of flexible N-acetyl glycine molecules. <i>Low Temperature Physics</i> , 2016, 42, 1167-1174.	0.6	4
15	Conformational equilibrium of 2-deoxyadenosine molecules isolated in inert Ar matrices. <i>Low Temperature Physics</i> , 2014, 40, 565-568.	0.6	3
16	Structures and infrared spectra of 5-chlorouracil molecules in the low-temperature inert Ar, Ne matrices and composite films with oxide graphene. <i>Low Temperature Physics</i> , 2018, 44, 847-855.	0.6	1
17	Molecular structure and vibrational spectra of isolated nucleosides at low temperatures (Review) <i>TJ ETQq1 1 0.784314 rgBT /Overlock</i>	0.6	1
18	Enhancement of infrared absorption of low-temperature uracil thin films by a nanostructured silver surface. <i>Low Temperature Physics</i> , 2016, 42, 106-110.	0.6	0

#	ARTICLE	IF	CITATIONS
19	Coronene-uracil complexes embedded in argon matrices: FTIR spectroscopy and quantum-mechanical calculations. <i>Low Temperature Physics</i> , 2021, 47, 325-334.	0.6	0