

Prasanta Das

List of Publications by Year in descending order

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1040056

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citing authors

#	ARTICLE	IF	CITATIONS
1	HCl elimination in the photolysis of chlorobenzene at 266Ånm: An FT-IR spectroscopy and quantum chemical study. Chemical Physics Letters, 2021, 774, 138601.	2.6	4
2	Ro-vibrational spectroscopy of the formic acid-d1 monomer embedded in helium nanodroplets. Journal of Molecular Spectroscopy, 2017, 341, 17-22.	1.2	5
3	Infrared absorption of HOCO^+ , $\text{H}+(\text{CO}_2)_2$, and HCO_2^{\sim} produced in electron bombardment of CO_2 in solid H_2 . Journal of Chemical Physics, 2016, 145, 014306.	3.0	9
4	Intramolecular hydrogen bond: Can it be part of the basis set of valence internal coordinates in normal mode analysis?. Journal of Chemical Sciences, 2015, 127, 1127-1134.	1.5	8
5	Conformational Stability and Intramolecular Hydrogen Bonding in 1,2-Ethanediol and 1,4-Butanediol. Journal of Physical Chemistry A, 2015, 119, 3710-3720.	2.5	48
6	Infrared spectra of free radicals and protonated species produced in para-hydrogen matrices. Physical Chemistry Chemical Physics, 2014, 16, 2200.	2.8	73
7	Bimolecular reaction of $\text{CH}_3 + \text{CO}$ in solid H_2 : Infrared absorption of acetyl radical (CH_3CO) and $\text{CH}_3\text{-CO}$ complex. Journal of Chemical Physics, 2014, 140, 244303.	3.0	16
8	Infrared spectra of free radicals and protonated species produced in para-hydrogen matrices. Physical Chemistry Chemical Physics, 2014, 16, 2200.	2.8	25
9	Vibrational spectra of fluorene, 1-methylfluorene and 1,8-dimethylfluorene. Vibrational Spectroscopy, 2013, 68, 162-169.	2.2	12
10	Infrared Spectra of the 1-Pyridinium ($\text{C}_5\text{H}_5\text{NH}^+$) Cation and Pyridinyl ($\text{C}_5\text{H}_5\text{NH}$ and 4- $\text{C}_5\text{H}_6\text{N}$) Radicals Isolated in Solid para-Hydrogen. Journal of Physical Chemistry A, 2013, 117, 13680-13690.	2.5	46
11	Reactions between atomic chlorine and pyridine in solid para-hydrogen: Infrared spectrum of the 1-chloropyridinyl ($\text{C}_5\text{H}_5\text{N}^{\sim}\text{Cl}$) radical. Journal of Chemical Physics, 2013, 138, 054307.	3.0	9
12	Infrared absorption of 3-propenonyl (CH_2CHCO) radical generated upon photolysis of acryloyl chloride [$\text{CH}_2\text{CHC}(\text{O})\text{Cl}$] in solid para- H_2 . Journal of Chemical Physics, 2013, 139, 084320.	3.0	13
13	Infrared Spectra of Dimethylphenanthrenes in the Gas phase. Journal of Physical Chemistry A, 2012, 116, 5769-5778.	2.5	4
14	Isomeric identification of methylated naphthalenes using gas phase infrared spectroscopy. Indian Journal of Physics, 2012, 86, 209-218.	1.8	3
15	Infrared Spectra of Dimethylquinolines in the Gas Phase: Experiment and Theory. Journal of Physical Chemistry A, 2010, 114, 8351-8358.	2.5	7
16	Production of paclitaxel by <i>Fusarium solani</i> isolated from <i>Taxus celebica</i> . Journal of Biosciences, 2008, 33, 259-267.	1.1	86
17	Infrared spectra of dimethylnaphthalenes in the gas phase. Vibrational Spectroscopy, 2008, 47, 1-9.	2.2	21