

# Prasanta Das

## List of Publications by Year in descending order

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17  
papers

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#	ARTICLE	IF	CITATIONS
1	Production of paclitaxel by <i>Fusarium solani</i> isolated from <i>Taxus celebica</i> . <i>Journal of Biosciences</i> , 2008, 33, 259-267.	1.1	86
2	Infrared spectra of free radicals and protonated species produced in para-hydrogen matrices. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2200.	2.8	73
3	Conformational Stability and Intramolecular Hydrogen Bonding in 1,2-Ethanediol and 1,4-Butanediol. <i>Journal of Physical Chemistry A</i> , 2015, 119, 3710-3720.	2.5	48
4	Infrared Spectra of the 1-Pyridinium ( $C_5H_5NH^+$ ) Cation and Pyridinyl ( $C_5H_5NH$ and 4- $C_5H_6N$ ) Radicals Isolated in Solid <i>para</i> -Hydrogen. <i>Journal of Physical Chemistry A</i> , 2013, 117, 13680-13690.	2.5	46
5	Infrared spectra of free radicals and protonated species produced in para-hydrogen matrices. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2200.	2.8	25
6	Infrared spectra of dimethylnaphthalenes in the gas phase. <i>Vibrational Spectroscopy</i> , 2008, 47, 1-9.	2.2	21
7	Bimolecular reaction of $CH_3 + CO$ in solid <i>para</i> - $H_2$ : Infrared absorption of acetyl radical ( $CH_3CO$ ) and $CH_3-CO$ complex. <i>Journal of Chemical Physics</i> , 2014, 140, 244303.	3.0	16
8	Infrared absorption of 3-propenonyl ( $\dot{C}H_2CHCO$ ) radical generated upon photolysis of acryloyl chloride [ $CH_2CHC(O)Cl$ ] in solid <i>para</i> - $H_2$ . <i>Journal of Chemical Physics</i> , 2013, 139, 084320.	3.0	13
9	Vibrational spectra of fluorene, 1-methylfluorene and 1,8-dimethylfluorene. <i>Vibrational Spectroscopy</i> , 2013, 68, 162-169.	2.2	12
10	Reactions between atomic chlorine and pyridine in solid <i>para</i> -hydrogen: Infrared spectrum of the 1-chloropyridinyl ( $C_5H_5N\dot{C}l$ ) radical. <i>Journal of Chemical Physics</i> , 2013, 138, 054307.	3.0	9
11	Infrared absorption of $\dot{C}HOCO^+$ , $H+(CO)_2$ , and $HCO_2\dot{C}$ produced in electron bombardment of $CO_2$ in solid <i>para</i> - $H_2$ . <i>Journal of Chemical Physics</i> , 2016, 145, 014306.	3.0	9
12	Intramolecular hydrogen bond: Can it be part of the basis set of valence internal coordinates in normal mode analysis?. <i>Journal of Chemical Sciences</i> , 2015, 127, 1127-1134.	1.5	8
13	Infrared Spectra of Dimethylquinolines in the Gas Phase: Experiment and Theory. <i>Journal of Physical Chemistry A</i> , 2010, 114, 8351-8358.	2.5	7
14	Ro-vibrational spectroscopy of the formic acid- $d_1$ monomer embedded in helium nanodroplets. <i>Journal of Molecular Spectroscopy</i> , 2017, 341, 17-22.	1.2	5
15	Infrared Spectra of Dimethylphenanthrenes in the Gas phase. <i>Journal of Physical Chemistry A</i> , 2012, 116, 5769-5778.	2.5	4
16	HCl elimination in the photolysis of chlorobenzene at 266 nm: An FT-IR spectroscopy and quantum chemical study. <i>Chemical Physics Letters</i> , 2021, 774, 138601.	2.6	4
17	Isomeric identification of methylated naphthalenes using gas phase infrared spectroscopy. <i>Indian Journal of Physics</i> , 2012, 86, 209-218.	1.8	3