

# Parth Gupta

## List of Publications by Year in descending order

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8  
papers

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2258059

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#	ARTICLE	IF	CITATIONS
1	A theoretical insight on the kinetics for the reaction of (E)-(Z)-CHF=CF(CF <sub>2</sub> ) <sub>x=1,2</sub> CF <sub>3</sub> with OH radicals under tropospheric conditions. Journal of Fluorine Chemistry, 2019, 222-223, 31-45.	1.7	6
2	Cl Atoms and OH Radicals Initiated Kinetic and Mechanistic Study on the Degradation of Propyl Butanoate under Tropospheric Conditions. Journal of Physical Chemistry A, 2019, 123, 10976-10989.	2.5	5
3	A Dual Level Direct Dynamics Study for the Reaction of CF <sub>2</sub> =CHCF <sub>3</sub> (HFC-1225) and CF <sub>2</sub> =CHCF <sub>2</sub> CF <sub>3</sub> (HFC-1327) towards OH Radicals. ChemistrySelect, 2019, 4, 4827-4838.		
4	Reaction kinetics of a series of alkanes with ClO and BrO radicals: A theoretical study. International Journal of Chemical Kinetics, 2021, 53, 189-206.	1.6	3
5	An in silico design of bioavailability for kinase inhibitors evaluating the mechanistic rationale in the CYP metabolism of erlotinib. Journal of Molecular Modeling, 2019, 25, 65.	1.8	2
6	Reaction kinetics of a series of alkenes with ClO and BrO radicals: A theoretical study. International Journal of Chemical Kinetics, 2021, 53, 250-264.	1.6	2
7	Theoretical investigations on the OH radical mediated kinetics of cis- and trans-CH <sub>3</sub> CF=CHF and CH <sub>3</sub> CH=CF <sub>2</sub> over temperature range of 200-400K. Journal of Fluorine Chemistry, 2021, 250, 109884.	1.7	1
8	Conformation analysis of 1,4-Dispirocyclohexane-6-bis(benzothiazoline): Combined IR, Raman, XRD and DFT approach. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 157, 192-196.	3.9	0