

# Apramita Chand

## List of Publications by Year in descending order

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8  
papers

141  
citations

1684188  
5  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

125  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Prodigious Hydrogen Bonds with Sulfur and Selenium in Molecular Assemblies, Structural Biology, and Functional Materials. <i>Accounts of Chemical Research</i> , 2020, 53, 1580-1592.	15.6	85
2	Hydrogen Bonds with Chalcogens: Looking Beyond the Second Row of the Periodic Table. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 77-100.	1.9	17
3	Effects of trimethylamine-N-oxide (TMAO) on aqueous N-methylacetamide solution: A comparison of different force fields of TMAO. <i>Journal of Molecular Liquids</i> , 2017, 225, 926-935.	4.9	13
4	Hydrogen-bond-driven thiouracil dissolution in aqueous ionic liquid: A combined microscopic, spectroscopic and molecular dynamics study. <i>Journal of Molecular Liquids</i> , 2020, 319, 114275.	4.9	10
5	A comparative study of hydrogen bonding structure and dynamics in aqueous urea solution of amides with varying hydrophobicity: Effect of addition of trimethylamine N -oxide (TMAO). <i>Journal of Molecular Liquids</i> , 2017, 242, 70-81.	4.9	8
6	Behaviour of cis- and trans-N-methylformamide in liquid mixture: Dynamical properties at varying pressure and temperature, and ion solvation scenario. <i>Journal of Molecular Liquids</i> , 2018, 269, 241-251.	4.9	3
7	Effects of hexamethylenetetramine (HMTA) on the aqueous solution structure, dynamics and ion solvation scenario: A concentration and temperature dependent study with potential HMTA models. <i>Journal of Molecular Liquids</i> , 2019, 296, 111820.	4.9	3
8	Behaviour of aqueous N-methylacetamide solution in presence of ethanol and 2,2,2 tri-fluoroethanol: Hydrogen bonding structure and dynamics. <i>Journal of Molecular Liquids</i> , 2016, 224, 1370-1379.	4.9	2