

Sanat Ghosh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Critical Assessment of the Strength of Hydrogen Bonds between the Sulfur Atom of Methionine/Cysteine and Backbone Amides in Proteins. <i>Journal of Physical Chemistry Letters</i> , 2015, 6, 1385-1389.	4.6	76
2	Spectroscopic Evidences for Strong Hydrogen Bonds with Selenomethionine in Proteins. <i>Journal of Physical Chemistry Letters</i> , 2017, 8, 794-800.	4.6	49
3	Câ€“Hâ€“S interaction exhibits all the characteristics of conventional hydrogen bonds. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 17482-17493.	2.8	49
4	Dissociation Energies of Sulfur-Centered Hydrogen-Bonded Complexes. <i>Journal of Physical Chemistry A</i> , 2015, 119, 10863-10870.	2.5	15
5	Câ€“Hâ€“Y (Y=N, O, ĩ) Hydrogen Bond: A Unique Unconventional Hydrogen Bond. <i>Journal of the Indian Institute of Science</i> , 2020, 100, 101-125.	1.9	15
6	Coplanar cavity for strong coupling between photons and magnons in van der Waals antiferromagnet. <i>Applied Physics Letters</i> , 2020, 117, .	3.3	15
7	Onâ€Demand Local Modification of Highâ€ <i>T_c</i> Superconductivity in Few Unitâ€Cell Thick Bi ₂ Sr ₂ CaCu ₂ O _{8+Î} . <i>Advanced Materials</i> , 2020, 32, e2002220.	21.0	11
8	Dissociative electron attachment studies on acetone. <i>Journal of Chemical Physics</i> , 2014, 141, 164320.	3.0	10
9	Câ€“Hâ€“O Hydrogen Bond Anchored Water Bridge in 1,2,4,5-Tetracyanobenzene-Water Clusters. <i>Journal of Physical Chemistry A</i> , 2019, 123, 3851-3862.	2.5	8
10	Structure of water and polymer at the buried polymer/water interface unveiled using heterodyne-detected vibrational sum frequency generation. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 16527-16531.	2.8	8
11	Superconducting Vortex-Charge Measurement Using Cavity Electromechanics. <i>Nano Letters</i> , 2022, 22, 1665-1671.	9.1	8
12	Oâ€“H stretching frequency red shifts do not correlate with the dissociation energies in the dimethylether and dimethylsulfide complexes of phenol derivatives. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5718-5739.	2.8	4
13	Dynamics of Interfacial Bubble Controls Adhesion Mechanics in Van der Waals Heterostructure. <i>Nano Letters</i> , 2022, 22, 3612-3619.	9.1	4