

# Sanat Ghosh

## List of Publications by Year in descending order

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Version: 2024-02-01

13  
papers

272  
citations

1163117

8  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

396  
citing authors

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