Shubhadip Chakraborty

List of Publications by Year
in descending order

18	322	1040056 9	888059 17
papers	citations	h-index	g-index

19	19	19	337
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Self-Assembled Fluorescent Pt(II) Metallacycles as Artificial Light-Harvesting Systems. Journal of the American Chemical Society, 2019, 141, 14565-14569.	13.7	170
2	PDRs4All: A JWST Early Release Science Program on Radiative Feedback from Massive Stars. Publications of the Astronomical Society of the Pacific, 2022, 134, 054301.	3.1	26
3	Anharmonicity in the Vibrational Spectra of Naphthalene and Naphthalene-d₈: Experiment and Theory. Journal of Physical Chemistry A, 2016, 120, 9707-9718.	2.5	16
4	Dynamic Shock Wave-Induced Amorphous-to-Crystalline Switchable Phase Transition of Lithium Sulfate. Journal of Physical Chemistry C, 2022, 126, 3194-3201.	3.1	16
5	Building Block Dependent Morphology Modulation of Cage Nanoparticles and Recognition of Nitroaromatics. Chemistry - A European Journal, 2017, 23, 8482-8490.	3.3	13
6	Vibrational spectra of fluorene, 1-methylfluorene and 1,8-dimethylfluorene. Vibrational Spectroscopy, 2013, 68, 162-169.	2.2	12
7	Anharmonic infrared spectra of thermally excited pyrene (C16H10): A combined view of DFT-based GVPT2 with AnharmonicCaOs, and approximate DFT molecular dynamics with demonNano. Journal of Molecular Spectroscopy, 2021, 378, 111466.	1.2	12
8	Dynamic Shock Wave-Induced Switchable Phase Transition of Magnesium Sulfate Heptahydrate. Crystal Growth and Design, 2021, 21, 5050-5057.	3.0	11
9	Switchable crystalâ€“amorphous states of NiSO₄Â·6H₂O induced by a Reddy tube. New Journal of Chemistry, 2022, 46, 5091-5099.	2.8	9
10	Experimental Approach to the Study of Anharmonicity in the Infrared Spectrum of Pyrene from 14 to 723 K. Journal of Physical Chemistry A, 2019, 123, 4139-4148.	2.5	8
11	Dynamic shock wave driven simultaneous crystallographic and molecular switching between Î±-Fe₂O₃ and Fe₃O₄ nanoparticles â€“ a new finding. Dalton Transactions, 2022, 51, 9159-9166.	3.3	8
12	Ternary switchable phase transition of CaCO3 by shock waves. Ceramics International, 2022, 48, 8457-8465.	4.8	7
13	Room Temperature Gas Phase Infrared Spectra of H-bonded Oligomers of Methanol. Vibrational Spectroscopy, 2020, 106, 102981.	2.2	6
14	Isomeric identification of methylated naphthalenes using gas phase infrared spectroscopy. Indian Journal of Physics, 2012, 86, 209-218.	1.8	3
15	Infrared Spectral Assignment of Pyrimidine and Pyrazine in the C H Stretching Region by an Effective Spectroscopic Hamiltonian. Vibrational Spectroscopy, 2018, 99, 196-203.	2.2	2
16	Assessment of shock resistance of barium ferrite at dynamic shocked conditions. Journal of Materials Science: Materials in Electronics, 2021, 32, 22429-22439.	2.2	2
17	Assessment of sustainability on structure-optical properties of prismatic face ADP crystal at dynamic shocked conditions. Physica B: Condensed Matter, 2022, 634, 413793.	2.7	1
18	Absorption Spectroscopy of Solid-Phase Fullerene C₆₀ between 1.65 and 2.78 Î¼m. ACS Earth and Space Chemistry, 2020, 4, 1540-1548.	2.7	0