

Tridib Sarma

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

800
citations

567281

15
h-index

677142

22
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24
docs citations

24
times ranked

817
citing authors

#	ARTICLE	IF	CITATIONS
1	Protonation-coupled redox reactions in planar antiaromatic meso-pentafluorophenyl-substituted o-phenylene-bridged annulated rosarins. <i>Nature Chemistry</i> , 2013, 5, 15-20.	13.6	119
2	Dinaphthoporphycenes: Synthesis and Nonlinear Optical Studies. <i>Organic Letters</i> , 2011, 13, 188-191.	4.6	99
3	Annulated Isomeric, Expanded, and Contracted Porphyrins. <i>Chemical Reviews</i> , 2017, 117, 2785-2838.	47.7	99
4	Two-photon and three-photon absorption in dinaphthoporphycenes. <i>Chemical Physics Letters</i> , 2011, 514, 98-103.	2.6	66
5	Bis-naphthobipyrrolylmethene derived BODIPY complex: an intense near-infrared fluorescent dye. <i>Chemical Communications</i> , 2013, 49, 9806.	4.1	48
6	Ultrafast excited state dynamics and dispersion studies of nonlinear optical properties in dinaphthoporphycenes. <i>Applied Physics Letters</i> , 2012, 100, 141109.	3.3	43
7	Conformational and spectroscopic properties of β -extended, bipyrrrole-fused rubein and sapphyrin derivatives. <i>Chemical Communications</i> , 2011, 47, 6813.	4.1	38
8	Cyclo[4]naphthobipyrroles: Naphthobipyrrole-derived Cyclo[8]pyrroles with Strong Near-Infrared Absorptions. <i>Chemistry - A European Journal</i> , 2011, 17, 13987-13991.	3.3	37
9	Shape-persistent pyrrole-based covalent organic cages: synthesis, structure and selective gas adsorption properties. <i>Chemical Communications</i> , 2019, 55, 6185-6188.	4.1	36
10	Expanded porphyrins: functional photoacoustic imaging agents that operate in the NIR-II region. <i>Chemical Science</i> , 2021, 12, 9916-9921.	7.4	34
11	Excitonically Coupled Cyclic BF ₂ Arrays of Calix[8] and Calix[16]phyrin as Near-Infrared Chromophores. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13063-13070.	13.8	29
12	Rapid and selective oxidation of benzyl alcohols to aldehydes and ketones with novel vanadium polyoxometalate under solvent-free conditions. <i>Tetrahedron Letters</i> , 2011, 52, 2563-2565.	1.4	27
13	β , β' -Bipyrrole Fusion-Driven <i>cis</i> -Bimetallic Complexation in Isomeric Porphyrin. <i>Angewandte Chemie International Edition</i> , 2015, 54, 14835-14839.	13.8	27
14	Dispersion studies of optical nonlinearity and excited state dynamics in cyclo[4]naphthobipyrroles. <i>Chemical Physics Letters</i> , 2013, 580, 73-77.	2.6	17
15	Naphthobipyrrole-derived Sapphyrins: Rational Synthesis, Characterization, Nonlinear Optical Properties, and Excited State Dynamics. <i>Chemistry - A European Journal</i> , 2014, 20, 15561-15570.	3.3	16
16	Air-Stable <i>N,N'</i> -Dihydrophycene: A Quinoxaline-Fused Tetrapyrrolic Macrocyclic That Detects Fluoride Anion via Deprotonation. <i>Organic Letters</i> , 2019, 21, 1849-1852.	4.6	15
17	Structure, Electronic States, and Anion-Binding Properties of Cyclo[4]naphthobipyrroles. <i>Journal of Physical Chemistry A</i> , 2014, 118, 1038-1046.	2.5	14
18	Effect of β - β' fusion on metal ion complexation of porphycene. <i>Journal of Chemical Sciences</i> , 2015, 127, 235-240.	1.5	11

#	ARTICLE	IF	CITATIONS
19	Kinetic trapping of a cobalt(ⁱⁱ) metallocage using a carbazole-containing expanded carbaporphyrinoid ligand. <i>Chemical Science</i> , 2022, 13, 692-697.	7.4	8
20	Excitonically Coupled Cyclic BF ₂ Arrays of Calix[8] and Calix[16]phyrin as Near-IR Chromophores. <i>Angewandte Chemie</i> , 2020, 132, 13163-13170.	2.0	7
21	Controlled assembly of a bicyclic porphyrinoid and its 3-dimensional boron difluoride arrays. <i>Chemical Science</i> , 2022, 13, 7276-7282.	7.4	6
22	Multiphoton Absorption Studies in Porphycenes Using Picosecond and Femtosecond Pulses. , 2011, , .		2
23	A poly(pyridine-pyrrole) foldamer that binds isolated water molecules. <i>CrystEngComm</i> , 2019, 21, 3906-3909.	2.6	2
24	Ultrafast nonlinear optical studies of cyclo[4]naphthobipyrroles. , 2012, , .		0