Chinmoy Biswas

List of Publications by Year
in descending order

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20	346	933447 10	839539 18
papers	citations	h-index	g-index

21	21	21	347
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis, Optical, Electrochemical, DFT Studies, NLO Properties, and Ultrafast Excited State Dynamics of Carbazole-Induced Phthalocyanine Derivatives. Journal of Physical Chemistry C, 2019, 123, 11118-11133.	3.1	70
2	The metal halide structure and the extent of distortion control the photo-physical properties of luminescent zero dimensional organic-antimony(<scp>iii</scp>) halide hybrids. Journal of Materials Chemistry C, 2021, 9, 348-358.	5.5	42
3	Optoelectronic, femtosecond nonlinear optical properties and excited state dynamics of a triphenyl imidazole induced phthalocyanine derivative. RSC Advances, 2019, 9, 36726-36741.	3.6	29
4	Ultrafast nonlinear optical properties and excited-state dynamics of Soret-band excited D-Ï€-D porphyrins. Optical Materials, 2020, 107, 110041.	3.6	27
5	Lead-free zero dimensional tellurium(<scp>iv</scp>) chloride-organic hybrid with strong room temperature emission as a luminescent material. Journal of Materials Chemistry C, 2021, 9, 4351-4358.	5.5	25
6	Ultrafast photophysical and nonlinear optical properties of novel free base and axially substituted phosphorus (V) corroles. Journal of Molecular Liquids, 2020, 311, 113308.	4.9	23
7	Multistep Electron Injection Dynamics and Optical Nonlinearity Investigations of Ï€-Extended Thioalkyl-Substituted Tetrathiafulvalene Sensitizers. Journal of Physical Chemistry C, 2020, 124, 24039-24051.	3.1	21
8	Linear and femtosecond nonlinear optical properties of soluble pyrrolo[1,2-a] quinoxalines. Chemical Physics Letters, 2019, 730, 638-642.	2.6	13
9	Femtosecond excited-state dynamics and ultrafast nonlinear optical investigations of ethynylthiophene functionalized porphyrin. Optical Materials, 2022, 127, 112232.	3.6	13
10	Ultrafast intramolecular charge transfer dynamics and nonlinear optical properties of phenothiazine-based pushâ€“pull zinc porphyrin. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 433, 114141.	3.9	12
11	A simple Dâ€“Ï€â€“A system of phenanthroimidazole-Ï€-fluorenone for highly efficient non-doped bipolar AIE luminogens: synthesis, and molecular optical, thermal and electrochemical properties. New Journal of Chemistry, 2020, 44, 1785-1794.	2.8	11
12	Ligand Structure Directed Dimensionality Reduction (2D â†’1D) in Lead Bromide Perovskite. Journal of Physical Chemistry C, 2020, 124, 1888-1897.	3.1	11
13	Ultrafast Excited State Relaxation Dynamics of New Fuchsineâ€•a Triphenylmethane Derivative Dye. ChemPhysChem, 2021, 22, 2562-2572.	2.1	9
14	Synergistic electronic coupling/cross-talk between the isolated metal halide units of zero dimensional heterometallic (Sb, Mn) halide hybrid with enhanced emission. Journal of Materials Chemistry C, 2021, 10, 360-370.	5.5	8
15	Nonlinear optical techniques for characterization of organic electronic and photonic devices. European Physical Journal: Special Topics, 2022, 231, 695-711.	2.6	8
16	Femtosecond Third-Order Non-Linear Optical Properties of Unconstrained Green Fluorescence Protein Chromophores. Frontiers in Physics, 0, 10, .	2.1	7
17	Luminescent zinc(<scp>ii</scp>) selone macrocyclic ring. RSC Advances, 2019, 9, 14841-14848.	3.6	5
18	Synthesis, structural characterization and selective anticancer activity of [AgI(L)(PPh3)]2(NO3)2 [LÂ=ÂN(4)-substituted 2-acetylpyridine-N(4)-methyl-3-thiosemicarbazone]. Inorganic Chemistry Communication, 2022, 136, 109178.	3.9	5

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19	Synthesis, X-ray structures and cytotoxic effects of a Cu(II)- and a Zn(II) thiosemicarbazones on human epidermoid carcinoma cell A431. Journal of Chemical Sciences, 2021, 133, 1.	1.5	4
20	Femtosecond nonlinear optical properties of -conjugated diketopyrrolopyrrole substituted porphyrin molecules. , 2021, , .		0