Anu Kundu

List of Publications by Year
in descending order

17 papers	343 citations	687363 13 h-index	888059 17 g-index
17 all docs	17 docs citations	17 times ranked	441 citing authors

#	Article	IF	Citations
1	Investigating the structureâ€“fluorescence properties of tetraphenylethylene fused imidazole AIEgens: reversible mechanofluorochromism and polymer matrix controlled fluorescence tuning. CrystEngComm, 2021, 23, 5403-5410.	2.6	4
2	Structure controlled solvatochromism and halochromic fluorescence switching of 2,2â€²-bipyridine based donorâ€“acceptor derivatives. New Journal of Chemistry, 2020, 44, 14421-14428.	2.8	5
3	Synthesis of Strongly Fluorescent Imidazole Derivatives: Structure Property Studies, Halochromism and Fluorescent Photoswitching. Journal of Fluorescence, 2019, 29, 1359-1369.	2.5	4
4	Temperature-Controlled Locally Excited and Twisted Intramolecular Charge-Transfer State-Dependent Fluorescence Switching in Triphenylamineâ€“Benzothiazole Derivatives. ACS Omega, 2019, 4, 5147-5154.	3.5	22
5	Synthesis of tunable, red fluorescent aggregation-enhanced emissive organic fluorophores: stimuli-responsive high contrast offâ€“on fluorescence switching. CrystEngComm, 2018, 20, 643-651.	2.6	29
6	Triphenylamine based reactive coloro/fluorimetric chemosensors: Structural isomerism and solvent dependent sensitivity and selectivity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 189, 342-348.	3.9	18
7	Unusual fluorescent photoswitching of imidazole derivatives: the role of molecular conformation and twist angle controlled organic solid state fluorescence. Physical Chemistry Chemical Physics, 2018, 20, 27385-27393.	2.8	15
8	Excited state intramolecular proton transfer induced fluorescence in triphenylamine molecule: Role of structural conformation and reversible mechanofluorochromism. Journal of Molecular Structure, 2018, 1169, 1-8.	3.6	18
9	Drastic Modulation of Stimuli-Responsive Fluorescence by a Subtle Structural Change of Organic Fluorophore and Polymorphism Controlled Mechanofluorochromism. Crystal Growth and Design, 2018, 18, 3971-3979.	3.0	36
10	Molecular Conformationâ€•and Packingâ€Controlled Excited State Intramolecular Proton Transfer Induced Solidâ€State Fluorescence and Reversible Mechanofluorochromism. ChemistrySelect, 2018, 3, 7340-7345.	1.5	14
11	A crab claw shaped molecular receptor for selective recognition of picric acid: supramolecular self-assembly mediated aggregation induced emission and color change. CrystEngComm, 2017, 19, 3557-3561.	2.6	12
12	Self-reversible thermofluorochromism of Dâ€“Aâ€“D triphenylamine derivatives and the effect of molecular conformation and packing. CrystEngComm, 2017, 19, 6979-6985.	2.6	23
13	Bay Functionalized Perylenediimide with Pyridine Positional Isomers: NIR Absorption and Selective Colorimetric/Fluorescent Sensing of Fe3+ and Al3+ Ions. Journal of Fluorescence, 2017, 27, 491-500.	2.5	15
14	Aggregation Induced Emission of Excited-State Intramolecular Proton Transfer Compounds: Nanofabrication Mediated White Light Emitting Nanoparticles. Crystal Growth and Design, 2016, 16, 3400-3408.	3.0	34
15	Synthesis of new colori/fluorimetric chemosensor for selective sensing of biologically important Fe3+, Cu2+ and Zn2+ metal ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 151, 426-431.	3.9	27
16	Stimuli responsive reversible high contrast offâ€“on fluorescence switching of simple aryl-ether amine based aggregation-induced enhanced emission materials. RSC Advances, 2015, 5, 98618-98625.	3.6	18
17	Developing new Schiff base molecules for selective colorimetric sensing of Fe3+ and Cu2+ metal ions: Substituent dependent selectivity and colour change. Sensors and Actuators B: Chemical, 2015, 206, 524-530.	7.8	49