

# Anu Kundu

## List of Publications by Year in descending order

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17  
papers

343  
citations

687363

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888059

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17  
docs citations

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times ranked

441  
citing authors

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