

Pradip Kr Sukul

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

791
citations

687220

13
h-index

642610

23
g-index

23
all docs

23
docs citations

23
times ranked

1596
citing authors

#	ARTICLE	IF	CITATIONS
1	Self healing hydrogels composed of amyloid nano fibrils for cell culture and stem cell differentiation. <i>Biomaterials</i> , 2015, 54, 97-105.	5.7	162
2	Charge Transfer Induced Fluorescence Quenching of Anthracene Derivatives and Selective Detection of Picric Acid. <i>Chemistry - A European Journal</i> , 2016, 22, 2012-2019.	1.7	106
3	Assemblies of perylene diimide derivatives with melamine into luminescent hydrogels. <i>Chemical Communications</i> , 2011, 47, 11858.	2.2	73
4	A radical pathway in catecholase activity with nickel complexes of phenol based compartmental ligands. <i>Dalton Transactions</i> , 2014, 43, 841-852.	1.6	58
5	A novel 2,6-diformyl-4-methylphenol based chemosensor for Zn ions by ratiometric displacement of Cd ions and its application for cell imaging on human melanoma cancer cells. <i>Analyst</i> , 2014, 139, 495-504.	1.7	54
6	Aggregation induced chirality in a self assembled perylene based hydrogel: application of the intracellular pH measurement. <i>Journal of Materials Chemistry B</i> , 2013, 1, 153-156.	2.9	52
7	Supramolecular hydrogels of adenine: morphological, structural and rheological investigations. <i>Soft Matter</i> , 2011, 7, 4234.	1.2	46
8	Identification of a robust and reproducible noncluster-type SBU: effect of coexistent groups on network topologies, helicity, and properties. <i>CrystEngComm</i> , 2013, 15, 8353.	1.3	40
9	Removal of toxic dyes from aqueous medium using adenine based bicomponent hydrogel. <i>RSC Advances</i> , 2013, 3, 1902-1915.	1.7	38
10	Selective Detection of Pyrophosphate Anions in Aqueous Medium Using Aggregation of Perylene Diimide as a Fluorescent Probe. <i>ACS Omega</i> , 2019, 4, 16191-16200.	1.6	28
11	Aromatic bi-, tri- and tetracarboxylic acid doped polyaniline nanotubes: effect on morphologies and electrical transport properties. <i>Journal of Materials Chemistry C</i> , 2014, 2, 3382.	2.7	23
12	Suppression of Keto Defects and Thermal Stabilities of Polyfluorene/Kaolinite Clay Nanocomposites. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 6722-6730.	1.8	15
13	Light Harvesting and Amplification of Emission of Donor Perylene Acceptor Perylene Aggregates in Aqueous Medium. <i>Chemistry - A European Journal</i> , 2014, 20, 3019-3022.	1.7	13
14	Water soluble perylene bisimide and its turn off/on fluorescence are used to detect cysteine and homocysteine. <i>New Journal of Chemistry</i> , 2015, 39, 5084-5087.	1.4	13
15	An all-organic steroid-A modular design drives ferroelectricity in supramolecular solids and nano-architectures at RT. <i>Chemical Communications</i> , 2011, 47, 8928.	2.2	12
16	Synthesis and characterization of 5-nitroso-6-amino-uracil functionalized reduced graphene oxide for the detection of chromium ion in aqueous medium. <i>Synthetic Metals</i> , 2020, 264, 116381.	2.1	12
17	A Green Approach for Organic Transformations Using Microwave Reactor. <i>Current Organic Synthesis</i> , 2019, 16, 730-764.	0.7	12
18	Proton induced aggregation of water soluble isophthalic acid appended arylene diimides: justification with perylene derivative. <i>RSC Advances</i> , 2016, 6, 34027-34037.	1.7	11

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19	A water-soluble metal-organic complex array as a multinuclear heterometallic peptide amphiphile that shows unconventional anion dependency in its self-assembly. <i>Chemical Communications</i> , 2016, 52, 1579-1581.	2.2	11
20	Self-assembled nanomaterials of naphthalene monoimide in aqueous medium for multimodal detection of picric acid. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 423, 113599.	2.0	6
21	Bio-inspired perylene diimide coated super paramagnetic nanoparticles for the effective and efficient removal of lead(II) from aqueous medium. <i>Materials Advances</i> , 2020, 1, 1817-1828.	2.6	3
22	Co(II) Induced Aggregation of Chiral Perylene Derivatives and Macroscopic Formation of Supramolecular Networks. <i>Chemistry Letters</i> , 2018, 47, 576-579.	0.7	2
23	Synthesis of a Water-soluble Metal-Organic Complex Array. <i>Journal of Visualized Experiments</i> , 2016, , .	0.2	1