

Subir Paul

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Tuning of Optoelectronic Properties in Nanohybrids of Peptide-Appended Perylenebisimides and Carbon Nanodots. <i>Journal of Physical Chemistry C</i> , 2022, 126, 5906-5915.	3.1	5
2	Yellow-Emitting Carbon Dots for Selective Fluorescence Imaging of Lipid Droplets in Living Cells. <i>Langmuir</i> , 2022, 38, 8829-8836.	3.5	8
3	Tuning of the optoelectronic properties of peptide-appended core-substituted naphthalenediimides: the role of self-assembly of two positional isomers. <i>Soft Matter</i> , 2021, 17, 7168-7176.	2.7	9
4	Solvent-Directed Transformation of the Self-assembly and Optical Property of a Peptide-Appended Core-Substituted Naphthalenediimide and Selective Detection of Nitrite Ions in an Aqueous Medium. <i>Langmuir</i> , 2021, 37, 9577-9587.	3.5	8
5	Aggregation-Induced Modulation of the Optoelectronic Properties of Carbon Dots and Removal of Cd ²⁺ Ions with Sustainable Use in Photocurrent Generation. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 12912-12921.	6.7	15
6	Stimuli responsive multicolour fluorescence emission in carbon nanodots and application in metal free hydrogen evolution from water. <i>Nanoscale Advances</i> , 2021, 3, 611-617.	4.6	9
7	Carbon dot mediated trihybrid formation by reduction of GO and <i>in situ</i> gold nanocluster fabrication: photo-switching behaviour and degradation of chemical warfare agent stimulants. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15735-15741.	5.5	12
8	Luminescent Naphthalene Diimide-Based Peptide in Aqueous Medium and in Solid State: Rewritable Fluorescent Color Code. <i>ACS Omega</i> , 2018, 3, 2174-2182.	3.5	25
9	Carbon nanodot-induced gelation of a histidine-based amphiphile: application as a fluorescent ink, and modulation of gel stiffness. <i>Chemical Communications</i> , 2018, 54, 4341-4344.	4.1	23
10	Peptide-Based Hydrogels as a Scaffold for In Situ Synthesis of Metal Nanoparticles: Catalytic Activity of the Nanohybrid System. <i>ChemNanoMat</i> , 2018, 4, 882-887.	2.8	27
11	Carbon nanodots, Ru nanodots and hybrid nanodots: preparation and catalytic properties. <i>Journal of Materials Chemistry A</i> , 2015, 3, 15074-15081.	10.3	31