

Amit Nag

List of Publications by Year in descending order

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papers

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687363

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534
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the membrane fluidity of phenyl boronic acid functionalized polymersomes using the FRAP technique and their application in the pH-sensitive release of curcumin. <i>New Journal of Chemistry</i> , 2022, 46, 11329-11340.	2.8	1
2	Identifying high performance photosensitizer with simultaneous enhancement in fluorescence and singlet oxygen generation, from Ag(Au)-aggregation-induced emission-active fluorogen™ theranostic nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 649, 129448.	4.7	1
3	Tuning the phase transition temperature of hybrid Span60-L64 thermoresponsive niosomes: Insights from fluorescence and Raman spectroscopy. <i>Journal of Molecular Liquids</i> , 2021, 340, 117110.	4.9	9
4	Red-emitting carbon nanoparticles with unprecedented singlet oxygen generation efficiency for cancer theranostics. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2021, 225, 112335.	3.8	3
5	Bimetallic Ag-Cu Alloy Microflowers as SERS Substrates with Single-Molecule Detection Limit. <i>Langmuir</i> , 2021, 37, 13027-13037.	3.5	20
6	A metal-enhanced fluorescence sensing platform for selective detection of picric acid in aqueous medium. <i>Analytica Chimica Acta</i> , 2020, 1129, 12-23.	5.4	23
7	Green Synthesis of Full-Color Fluorescent Carbon Nanoparticles from Eucalyptus Twigs for Sensing the Synthetic Food Colorant and Bioimaging. <i>ACS Omega</i> , 2020, 5, 19905-19918.	3.5	20
8	Red-Emitting Carbon Dots as a Dual Sensor for In ³⁺ and Pd ²⁺ in Water. <i>ACS Omega</i> , 2020, 5, 8362-8372.	3.5	34
9	Functionalized Chitosan-Carbon Dots: A Fluorescent Probe for Detecting Trace Amount of Water in Organic Solvents. <i>ACS Omega</i> , 2019, 4, 11301-11311.	3.5	71
10	Probing the surface composition effect of silver-gold alloy in SERS efficiency. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2019, 578, 123638.	4.7	22
11	Synthesis, Detailed Characterization, and Dual Drug Delivery Application of BSA Loaded Aquasomes. <i>ACS Applied Bio Materials</i> , 2019, 2, 4471-4484.	4.6	23
12	Metal-Enhanced Fluorescence Study in Aqueous Medium by Coupling Gold Nanoparticles and Fluorophores Using a Bilayer Vesicle Platform. <i>ACS Omega</i> , 2019, 4, 5983-5990.	3.5	43
13	Selective Sensing of Iron by Pyrrolo[2,3-c]Quinolines. <i>Journal of Fluorescence</i> , 2019, 29, 271-277.	2.5	6
14	Deciphering the Role of Bilayer of a Niosome towards Controlling the Entrapment and Release of Dyes. <i>ChemistrySelect</i> , 2018, 3, 3930-3938.	1.5	17
15	FRET-Mediated Zn ²⁺ Sensing in Aqueous Micellar Solution: Application in Cellular Imaging and Molecular Logic Gate. <i>ChemistrySelect</i> , 2017, 2, 8731-8737.	1.5	5
16	Zinc(II) Ion Sensing in Aqueous Micellar Solution Using Modified Bipyridine-Based Turn-On Fluorescent Probes and its Application in Bioimaging. <i>ChemPlusChem</i> , 2016, 81, 1339-1348.	2.8	14
17	Gold nanoparticle induced enhancement of molecular fluorescence for Zn ²⁺ detection in aqueous niosome solution. , 2016, , .		1
18	Selective detection of fluoride using fused quinoline systems: effect of pyrrole. <i>RSC Advances</i> , 2015, 5, 57231-57234.	3.6	15

#	ARTICLE	IF	CITATIONS
19	Selective Zn ²⁺ sensing using a modified bipyridine complex. RSC Advances, 2014, 4, 25605.	3.6	24
20	Surface-Enhanced Raman Trajectories on a Nano-Dumbbell: Transition from Field to Charge Transfer Plasmons as the Spheres Fuse. ACS Nano, 2012, 6, 10343-10354.	14.6	120