

J S Anjali Devi

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

687
citations

623188
14
h-index

610482
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24
all docs

24
docs citations

24
times ranked

901
citing authors

#	ARTICLE	IF	CITATIONS
1	Folic Acid as a Bimodal Optical Probe for the Detection of TNT. <i>Journal of Fluorescence</i> , 2021, 31, 933-940.	1.3	3
2	Amplified luminescence quenching effect upon binding of nitrogen doped carbon nanodots to transition metal ions. <i>Photochemical and Photobiological Sciences</i> , 2020, 19, 207-216.	1.6	8
3	Erlotinib Conjugated Nitrogen Doped Carbon Nanodots for Targeted Fluorescence Imaging of Human Pancreatic Cancer Cells. <i>ChemistrySelect</i> , 2020, 5, 9269-9276.	0.7	2
4	Investigation of Heavy Atom Effect on Fluorescence of Carbon Dots: NCDs and S,N-CDs. <i>Journal of Fluorescence</i> , 2020, 30, 1337-1344.	1.3	9
5	Dopamine-induced photoluminescence quenching of bovine serum albumin-capped manganese-doped zinc sulphide quantum dots. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5671-5681.	1.9	9
6	Tb-doped BSA-gold nanoclusters as a bimodal probe for the selective detection of TNT. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 4165-4172.	1.9	12
7	Solvent Effects: A Signature of J- and H-Aggregate of Carbon Nanodots in Polar Solvents. <i>Journal of Physical Chemistry A</i> , 2019, 123, 7420-7429.	1.1	19
8	Reversible fluorescence modulation of BSA stabilised copper nanoclusters for the selective detection of protamine and heparin. <i>Analyst</i> , 2019, 144, 1799-1808.	1.7	44
9	Understanding the Citric Acid-Urea Co-Directed Microwave Assisted Synthesis and Ferric Ion Modulation of Fluorescent Nitrogen Doped Carbon Dots: A Turn On Assay for Ascorbic Acid. <i>ChemistrySelect</i> , 2019, 4, 816-824.	0.7	8
10	Rapid response of dopamine towards insitu synthesised copper nanocluster in presence of H ₂ O ₂ . <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2019, 379, 63-71.	2.0	16
11	Zn(II) ion modulated red emitting copper nanocluster probe for the fluorescence turn on sensing of RDX. <i>Sensors and Actuators B: Chemical</i> , 2019, 291, 298-305.	4.0	17
12	Potassium triiodide enhanced turn-off sensing of tyrosine in carbon dot platform. <i>Microchemical Journal</i> , 2019, 146, 12-19.	2.3	13
13	Photoluminescence sensing of bilirubin in human serum using l-cysteine tailored manganese doped zinc sulphide quantum dots. <i>Sensors and Actuators B: Chemical</i> , 2019, 282, 300-308.	4.0	42
14	Potassium triiodide-quenched gold nanocluster as a fluorescent turn-on probe for sensing cysteine/homocysteine in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 997-1007.	1.9	19
15	Blue emitting copper nanoclusters as colorimetric and fluorescent probe for the selective detection of bilirubin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 123-129.	2.0	39
16	Polyethylene imine capped copper nanoclusters- fluorescent and colorimetric onsite sensor for the trace level detection of TNT. <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 811-819.	4.0	86
17	S,N-doped carbon dots as a fluorescent probe for bilirubin. <i>Mikrochimica Acta</i> , 2018, 185, 11.	2.5	96
18	Erlotinib conjugated gold nanocluster enveloped magnetic iron oxide nanoparticles-A targeted probe for imaging pancreatic cancer cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 257, 1035-1043.	4.0	29

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19	Fluorometric determination of morphine via its effect on the quenching of fluorescein by gold nanoparticles through a surface energy transfer process. <i>Mikrochimica Acta</i> , 2018, 185, 532.	2.5	13
20	Fluorescence turn-on detection of fenitrothion using gold nanoparticle quenched fluorescein and its separation using superparamagnetic iron oxide nanoparticle. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 271-280.	4.0	33
21	Fluorescence turn on detection of bilirubin using Fe (III) modulated BSA stabilized copper nanocluster; A mechanistic perception. <i>Analytica Chimica Acta</i> , 2018, 1031, 152-160.	2.6	66
22	Fe (III) ion modulated l-DOPA protected gold nanocluster probe for fluorescence turn on sensing of ascorbic acid. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 943-951.	4.0	42
23	Lactose tailored boronic acid conjugated fluorescent gold nanoclusters for turn-on sensing of dopamine. <i>Journal of Analytical Chemistry</i> , 2017, 72, 445-459.	0.4	8
24	Boronic acid functionalized nitrogen doped carbon dots for fluorescent turn-on detection of dopamine. <i>Mikrochimica Acta</i> , 2017, 184, 4081-4090.	2.5	54