Sony George

List of Publications by Year
in descending order

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40	1,165	393982	395343
papers	citations	19 h-index	33 g-index

42	42	42	1684
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Folic Acid as a Bimodal Optical Probe for the Detection of TNT. Journal of Fluorescence, 2021, 31, 933-940.	1.3	3
2	Colloidal magnetic metal oxide nanocrystals and their applications. , 2020, , 289-335.		5
3	Amplified luminescence quenching effect upon binding of nitrogen doped carbon nanodots to transition metal ions. Photochemical and Photobiological Sciences, 2020, 19, 207-216.	1.6	8
4	Erlotinib Conjugated Nitrogen Doped Carbon Nanodots for Targeted Fluorescence Imaging of Human Pancreatic Cancer Cells. ChemistrySelect, 2020, 5, 9269-9276.	0.7	2
5	Investigation of Heavy Atom Effect on Fluorescence of Carbon Dots: NCDs and S,N-CDs. Journal of Fluorescence, 2020, 30, 1337-1344.	1.3	9
6	Dopamine-induced photoluminescence quenching of bovine serum albuminâ€“capped manganese-doped zinc sulphide quantum dots. Analytical and Bioanalytical Chemistry, 2020, 412, 5671-5681.	1.9	9
7	Tb-doped BSAâ€“gold nanoclusters as a bimodal probe for the selective detection of TNT. Analytical and Bioanalytical Chemistry, 2020, 412, 4165-4172.	1.9	12
8	Solvent Effects: A Signature of J- and H-Aggregate of Carbon Nanodots in Polar Solvents. Journal of Physical Chemistry A, 2019, 123, 7420-7429.	1.1	19
9	Reversible fluorescence modulation of BSA stabilised copper nanoclusters for the selective detection of protamine and heparin. Analyst, The, 2019, 144, 1799-1808.	1.7	44
10	Understanding the Citric Acidâ€“Urea Coâ€“Directed Microwave Assisted Synthesis and Ferric Ion Modulation of Fluorescent Nitrogen Doped Carbon Dots: A Turn On Assay for Ascorbic Acid. ChemistrySelect, 2019, 4, 816-824.	0.7	8
11	Rapid response of dopamine towards insitu synthesised copper nanocluster in presence of H2O2. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 379, 63-71.	2.0	16
12	Zn(II) ion modulated red emitting copper nanocluster probe for the fluorescence turn on sensing of RDX. Sensors and Actuators B: Chemical, 2019, 291, 298-305.	4.0	17
13	Photoluminescence sensing of bilirubin in human serum using l-cysteine tailored manganese doped zinc sulphide quantum dots. Sensors and Actuators B: Chemical, 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. Analytical and Bioanalytical Chemistry, 2019, 411, 997-1007.	1.9	19
15	Blue emitting copper nanoclusters as colorimetric and fluorescent probe for the selective detection of bilirubin. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 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. Sensors and Actuators B: Chemical, 2018, 254, 811-819.	4.0	86
17	S,N-doped carbon dots as a fluorescent probe for bilirubin. Mikrochimica Acta, 2018, 185, 11.	2.5	96
18	Erlotinib conjugated gold nanocluster enveloped magnetic iron oxide nanoparticlesâ€“A targeted probe for imaging pancreatic cancer cells. Sensors and Actuators B: Chemical, 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. Mikrochimica Acta, 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. Sensors and Actuators B: Chemical, 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. Analytica Chimica Acta, 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. Sensors and Actuators B: Chemical, 2017, 246, 943-951.	4.0	42
23	Plasmonic enhancement ofÂthe upconversion luminescence inÂa Yb3+ and Ho3+ co-doped gold-ZnO nanocomposite for use in multimodal imaging. Mikrochimica Acta, 2017, 184, 2255-2264.	2.5	13
24	Tannic Acid Stabilised Copper Nanocluster Developed Through Microwave Mediated Synthesis as a Fluorescent Probe for the Turn on Detection of Dopamine. Journal of Cluster Science, 2017, 28, 2223-2238.	1.7	22
25	Lactose tailored boronic acid conjugated fluorescent gold nanoclusters for turn-on sensing of dopamine. Journal of Analytical Chemistry, 2017, 72, 445-459.	0.4	8
26	Boronic acid functionalized nitrogen doped carbon dots for fluorescent turn-on detection of dopamine. Mikrochimica Acta, 2017, 184, 4081-4090.	2.5	54
27	Surface Engineered Ho3+ Incorporated Fluorescent Dye-Doped Bifunctional Silica Nanoparticles for Receptor Targeted Fluorescence Imaging and Potential Magnetic Resonance Imaging. Journal of Fluorescence, 2017, 27, 1897-1908.	1.3	6
28	The upconversion luminescence and magnetism in Yb3+/Ho3+ co-doped LaF3 nanocrystals for potential bimodal imaging. Journal of Nanoparticle Research, 2016, 18, 1.	0.8	14
29	Fluorescein-labeled fluoroapatite nanocrystals codoped with Yb(III) and Ho(III) for trimodal (downconversion, upconversion and magnetic resonance) imaging of cancer cells. Mikrochimica Acta, 2016, 183, 3209-3219.	2.5	10
30	Multifunctional hydroxyapatite nanoparticles for drug delivery and multimodal molecular imaging. Mikrochimica Acta, 2015, 182, 1567-1589.	2.5	96
31	Hydroxyapatite nanocrystals dually doped with fluorescent and paramagnetic labels for bimodal (luminomagnetic) cell imaging. Mikrochimica Acta, 2015, 182, 1213-1221.	2.5	15
32	Europium enabled luminescent nanoparticles for biomedical applications. Journal of Luminescence, 2015, 165, 190-215.	1.5	94
33	Lanthanide magneto-luminescent and plasmonic (Gd2O3:Eu@AuNR) nanoassembly for the turn-on fluorescence detection of nitro aromatic compound. Journal of Nanoparticle Research, 2014, 16, 1.	0.8	6
34	Designed plasmonic nanocatalysts for the reduction of eosin Y: absorption and fluorescence study. International Nano Letters, 2012, 2, 1.	2.3	33
35	Synthesis of Î²-cyclodextrin functionalized gold nanoparticles for the selective detection of Pb2+ ions from aqueous solution. Frontiers of Materials Science, 2012, 6, 168-175.	1.1	35
36	Photoluminescence study on amino functionalized dysprosium oxideâ€“zinc oxide composite bifunctional nanoparticles. Journal of Luminescence, 2012, 132, 1999-2004.	1.5	12

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37	Microwave assisted one pot synthesis of biocompatible gold nanoparticles in Triton X-100 aqueous micellar medium using tryptophan as reducing agent. Journal of Molecular Liquids, 2011, 162, 155-158.	2.3	13
38	Fluorescence Spectroscopic Investigation To Identify the Micelle to Gel Transition of Aqueous Triblock Copolymer Solutions. Journal of Physical Chemistry B, 2009, 113, 5117-5127.	1.2	38
39	Electrochemical impedance spectroscopic analysis of activation of Alâ€“Zn alloy sacrificial anode by RuO2 catalytic coating. Applied Surface Science, 2007, 253, 7510-7515.	3.1	29
40	Surface catalysis based on ruthenium dioxide for effective activation of aluminium sacrificial anodes. Corrosion Science, 2004, 46, 819-830.	3.0	29