Congying Shao

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5698841/publications.pdf

Version: 2024-02-01

18	382	1040056	888059
papers	citations	9	17
		h-index	g-index

18	18	18	532
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Eggshell membrane as a multimodal solid state platform for generating fluorescent metal nanoclusters. Journal of Materials Chemistry, 2011, 21, 2863.	6.7	72
2	Rational design of an optical adenosine sensor by conjugating a DNA aptamer with split DNAzyme halves. Chemical Communications, 2008, , 6161.	4.1	71
3	Colorimetric Hg2+ detection with a label-free and fully DNA-structured sensor assembly incorporating G-quadruplex halves. Analyst, The, 2009, 134, 1822.	3.5	58
4	Novel strategy to improve the sensing performances of split ATP aptamer based fluorescent indicator displacement assay through enhanced molecular recognition. Biosensors and Bioelectronics, 2019, 134, 36-41.	10.1	56
5	Novel synthesis of orange-red emitting copper nanoclusters stabilized by methionine as a fluorescent probe for norfloxacin sensing. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 236, 118334.	3.9	25
6	Yeast powder derived carbon quantum dots for dopamine detection and living cell imaging. Analytical Methods, 2022, 14, 1342-1350.	2.7	24
7	Multifunctional Fluorescent Copper Nanoclusters for Ag⁺ Sensing, Anticounterfeiting, and Blue/White Light-Emitting Diodes. ACS Applied Nano Materials, 2022, 5, 7449-7459.	5.0	14
8	Green Synthesis of Multifunctional Carbon Nanodots and Their Applications as a Smart Nanothermometer and Cr(VI) Ions Sensor. Nano, 2018, 13, 1850147.	1.0	13
9	In Situ Generation of Fluorescent Copper Nanoclusters Embedded in Monolithic Eggshell Membrane: Properties and Applications. Materials, 2018, 11, 1913.	2.9	11
10	In situ fabrication of a luminescent copper nanocluster/eggshell membrane composite and its application in visual detection of Ag+ ions, light-emitting diodes and surface patterning. Photochemical and Photobiological Sciences, 2019, 18, 2942-2951.	2.9	7
11	A comparison of PMT-based and CCD-based sensors for electrochemiluminescence detection of sunset yellow in soft drinks. Food Chemistry, 2021, 362, 130219.	8.2	7
12	A Gâ€Quadruplex/Hemin Complex with Switchable Peroxidase Activity by DNA Hybridization. Chinese Journal of Chemistry, 2012, 30, 1575-1581.	4.9	6
13	Design of a Fluorescence Turn-on and Label-free Aptasensor Using the Intrinsic Quenching Power of G-Quadruplex to AMT. Analytical Sciences, 2020, 36, 965-970.	1.6	6
14	Analysis of binding interaction between vitamin B2 and trypsin. Research on Chemical Intermediates, 2014, 40, 3135-3144.	2.7	4
15	A colorimetric and ratiometric photometric sequential assay for ascorbic acid and alkaline phosphatase in serum based on valence states modulation. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 266, 120468.	3.9	4
16	An Ultraâ€sensitive Electrochemiluminescent Detection of Carcinoembryonic Antigen Using a Hollowedâ€out Electrode. Electroanalysis, 2021, 33, 1444-1450.	2.9	3
17	Simple construction of a two-component fluorescent sensor for turn-on detection of Hg2+ in human serum. Analytical and Bioanalytical Chemistry, 2022, 414, 2021-2028.	3.7	1
18	Metronidazole Determination in Raw Milk with a Graphene Aerogel-Based Electrochemiluminescent Sensor and Its Effect on Cell Apoptosis. Food Analytical Methods, 2021, 14, 1415-1424.	2.6	0