

Congying Shao

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

382
citations

1040056

9
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

532
citing authors

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