

Zi-Tao Zhong

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

377
citations

758635

12
h-index

794141

19
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19
all docs

19
docs citations

19
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Graphene Oxide Quantum Dots Assisted Construction of Fluorescent Aptasensor for Rapid Detection of <i>Pseudomonas aeruginosa</i> in Food Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10898-10905.	2.4	80
2	Selective capture and sensitive fluorometric determination of <i>Pseudomonas aeruginosa</i> by using aptamer modified magnetic nanoparticles. <i>Mikrochimica Acta</i> , 2018, 185, 377.	2.5	46
3	Room temperature preparation of water-soluble polydopamine-polyethyleneimine copolymer dots for selective detection of copper ions. <i>Talanta</i> , 2019, 197, 584-591.	2.9	34
4	Dual-aptamers labeled polydopamine-polyethyleneimine copolymer dots assisted engineering a fluorescence biosensor for sensitive detection of <i>Pseudomonas aeruginosa</i> in food samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117417.	2.0	32
5	Rapid and sensitive detection of <i>Staphylococcus aureus</i> assisted by polydopamine modified magnetic nanoparticles. <i>Talanta</i> , 2018, 186, 147-153.	2.9	28
6	A smartphone-based rapid quantitative detection platform for lateral flow strip of human chorionic gonadotropin with optimized image algorithm. <i>Microchemical Journal</i> , 2020, 157, 105038.	2.3	27
7	Development of dual strip biosensors based on hybridization chain reaction and microplate strategies for signal amplification of HBV-DNA detection. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127829.	4.0	20
8	Polydopamine-immobilized polypropylene microfuge tube as a pH-responsive platform for capture/release of DNA from foodborne pathogens. <i>Analytical Biochemistry</i> , 2017, 534, 14-18.	1.1	19
9	Advancing interfacial properties of carbon cloth via anodic-induced self-assembly of MOFs film integrated with MnO_2 : A sustainable electrocatalyst sensing acetylcholine. <i>Journal of Hazardous Materials</i> , 2022, 426, 128133.	6.5	19
10	Detection of multiple mycotoxins based on catalytic hairpin assembly coupled with pregnancy test strip. <i>Sensors and Actuators B: Chemical</i> , 2022, 350, 130911.	4.0	16
11	Quantitative analysis of various targets based on aptamer and functionalized Fe_3O_4 @graphene oxide in dairy products using pregnancy test strip and smartphone. <i>Food Chemistry</i> , 2021, 352, 129330.	4.2	13
12	Lateral flow biosensor for universal detection of various targets based on hybridization chain reaction amplification strategy with pregnancy test strip. <i>Sensors and Actuators B: Chemical</i> , 2021, 337, 129778.	4.0	12
13	Extension of duplex specific nuclease sensing application with RNA aptamer. <i>Talanta</i> , 2022, 242, 123314.	2.9	7
14	Multifunctional nanocarrier with self-catalytic production of nitric oxide for photothermal and gas-combined therapy of tumor. <i>Journal of Colloid and Interface Science</i> , 2022, 621, 77-90.	5.0	6
15	Directional and on-demand ion transport regulated by pH and voltage in submicrochannel heteromembrane based on conducting polymer. <i>Chemical Engineering Journal</i> , 2022, 444, 136548.	6.6	6
16	Controllable ion transport induced by pH gradient in a thermally crosslinked submicrochannel heterogeneous membrane. <i>Analyst</i> , 2021, 146, 6815-6821.	1.7	5
17	Labeling of liver cells with CdSe/ZnS quantum dot-based fluorescence probe below freezing point. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 263, 120203.	2.0	4
18	Fluorescence Characteristics of CdTe Quantum Dot Colloids below the Freezing Point. <i>Journal of Physical Chemistry C</i> , 2021, 125, 9916-9922.	1.5	2

#	ARTICLE	IF	CITATIONS
19	CdTe@CdS quantum dots for labeling and imaging macrophages in liver frozen sections below the freezing point. <i>Journal of Materials Chemistry B</i> , 2022, 10, 2952-2962.	2.9	1