

Mei Liu

List of Publications by Year in descending order

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papers

563
citations

623734

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times ranked

814
citing authors

#	ARTICLE	IF	CITATIONS
1	Construction of a fluorescence biosensor for ochratoxin A based on magnetic beads and exonuclease III-assisted DNA cycling signal amplification. <i>Analytical Methods</i> , 2022, 14, 734-740.	2.7	3
2	Antimicrobial resistance analysis and whole-genome sequencing of <i>Salmonella enterica</i> serovar Indiana isolate from ducks. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 28, 78-83.	2.2	4
3	Rapid and enzyme-free signal amplification for fluorescent detection of microRNA via localized catalytic hairpin assembly on gold nanoparticles. <i>Talanta</i> , 2022, 242, 123142.	5.5	15
4	Ratiometric fluorescent probe: a sensitive and reliable reporter for the CRISPR/Cas12a-based biosensing platform. <i>Analyst</i> , The, 2022, 147, 2567-2574.	3.5	4
5	A label-free visual aptasensor for zearalenone detection based on target-responsive aptamer-cross-linked hydrogel and color change of gold nanoparticles. <i>Food Chemistry</i> , 2022, 389, 133078.	8.2	16
6	Aptamer biorecognition-triggered hairpin switch and nicking enzyme assisted signal amplification for ultrasensitive colorimetric bioassay of kanamycin in milk. <i>Food Chemistry</i> , 2021, 339, 128059.	8.2	40
7	Construction of a specific and efficient antibacterial agent against <i>Pseudomonas aeruginosa</i> based on polyethyleneimine cross-linked fucose. <i>Journal of Materials Science</i> , 2021, 56, 6083-6094.	3.7	7
8	Transverse Asymmetry of the Index Modulation Profile in Few-Mode Fiber Bragg Grating. <i>Photonics</i> , 2021, 8, 87.	2.0	2
9	Parallel [TG(GA) ₃] _n -homoduplexes/thioflavin T: an intense and stable fluorescent indicator for label-free biosensing. <i>Analyst</i> , The, 2020, 145, 286-294.	3.5	10
10	A fluorometric aptamer-based assay for ochratoxin A by using exonuclease III-assisted recycling amplification. <i>Mikrochimica Acta</i> , 2020, 187, 46.	5.0	29
11	Light-accelerating oxidase-mimicking activity of black phosphorus quantum dots for colorimetric detection of acetylcholinesterase activity and inhibitor screening. <i>Analyst</i> , The, 2020, 145, 8022-8029.	3.5	13
12	DNAzyme-powered DNA walking machine for ultrasensitive fluorescence aptasensing of kanamycin. <i>Mikrochimica Acta</i> , 2020, 187, 678.	5.0	15
13	One-Step and One-Precursor Hydrothermal Synthesis of Carbon Dots with Superior Antibacterial Activity. <i>ACS Applied Bio Materials</i> , 2020, 3, 7095-7102.	4.6	39
14	G-triplex molecular beacon-based fluorescence biosensor for sensitive detection of small molecule-protein interaction via exonuclease III-assisted recycling amplification. <i>Sensors and Actuators B: Chemical</i> , 2020, 310, 127804.	7.8	16
15	Ratiometric fluorometric determination of mercury(II) by exploiting its quenching effect on glutathione-stabilized and tetraphenylporphyrin modified gold nanoclusters. <i>Mikrochimica Acta</i> , 2019, 186, 307.	5.0	12
16	One-step synthesis of mannose-modified polyethyleneimine copolymer particles as fluorescent probes for the detection of <i>Escherichia coli</i> . <i>Sensors and Actuators B: Chemical</i> , 2019, 280, 171-176.	7.8	24
17	A simple on-off fluorescent biosensor for sensitive detection of exonuclease III activity through photoinduced electron transfer and self-hybridization of a DNA probe. <i>Analytical Methods</i> , 2018, 10, 2257-2262.	2.7	8
18	Mannose-Modified Polyethyleneimine: A Specific and Effective Antibacterial Agent against <i>Escherichia coli</i> . <i>Langmuir</i> , 2018, 34, 1574-1580.	3.5	48

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19	Label-free fluorescent assay of T4 polynucleotide kinase phosphatase activity based on G-quadruplexe-thioflavin T complex. <i>Talanta</i> , 2017, 165, 653-658.	5.5	24
20	A colorimetric aptamer biosensor based on cationic polythiophene derivative as peroxidase mimetics for the ultrasensitive detection of thrombin. <i>Talanta</i> , 2017, 175, 224-228.	5.5	36
21	Detection of DNA hybridization using a cationic polyfluorene polymer as an enhancer of luminol chemiluminescence. <i>Mikrochimica Acta</i> , 2016, 183, 897-903.	5.0	6
22	Determination of Triprolidine Hydrochloride in Capsules and Binding Study of Triprolidine Hydrochloride to Serum Albumins with Chemiluminescence Method. <i>Spectroscopy Letters</i> , 2015, 48, 343-350.	1.0	0
23	Metabolic engineering of <i>Bacillus subtilis</i> for redistributing the carbon flux to 2,3-butanediol by manipulating NADH levels. <i>Biotechnology for Biofuels</i> , 2015, 8, 129.	6.2	32
24	Anionic polythiophene derivative as peroxidase mimetics and their application for detection of hydrogen peroxide and glucose. <i>Talanta</i> , 2013, 115, 837-841.	5.5	22
25	Conjugated polyelectrolytes-initiated chemiluminescence: A biosensing platform for label-free and homogeneous DNA detection. <i>Biosensors and Bioelectronics</i> , 2013, 47, 26-31.	10.1	18
26	Chemiluminescence determination of trimetazidine via inducing the aggregation of gold nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 114, 33-37.	3.9	12
27	Homogeneous fluorescence-based immunoassay via inner filter effect of gold nanoparticles on fluorescence of CdTe quantum dots. <i>Analyst, The</i> , 2012, 137, 3293.	3.5	60
28	Identification and validation of novel C/EBPbeta-regulated genes in preadipocyte proliferation. <i>Chinese Medical Journal</i> , 2010, 123, 1190-4.	2.3	2
29	Molecular imprinting-chemiluminescence sensor for the determination of brucine. <i>Analytica Chimica Acta</i> , 2005, 541, 97-102.	5.4	15
30	Molecular imprinting-chemiluminescence determination of trimethoprim using trimethoprim-imprinted polymer as recognition material. <i>Analyst, The</i> , 2005, 130, 1032.	3.5	18
31	Determination of Morphine by Molecular Imprinting-Chemiluminescence Method. <i>Journal of Analytical Toxicology</i> , 2005, 29, 528-532.	2.8	13