

Li Zou

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

381
citations

840776

11
h-index

839539

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all docs

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docs citations

18
times ranked

448
citing authors

#	ARTICLE	IF	CITATIONS
1	Target-induced activation of DNAzyme for highly sensitive colorimetric detection of bleomycin via DNA scission. <i>RSC Advances</i> , 2022, 12, 18296-18300.	3.6	3
2	Colorimetric aptasensor for sensitive detection of kanamycin based on target-triggered catalytic hairpin assembly amplification and DNA-gold nanoparticle probes. <i>Microchemical Journal</i> , 2021, 162, 105858.	4.5	26
3	Smartphone-Assisted Colorimetric Detection of Glutathione and Glutathione Reductase Activity in Human Serum and Mouse Liver Using Hemin/G-Quadruplex DNAzyme. <i>Molecules</i> , 2021, 26, 5016.	3.8	12
4	Smartphone-assisted colorimetric sensing of enzyme-substrate system using pH-responsive gold nanoparticle assembly. <i>Analytica Chimica Acta</i> , 2021, 1178, 338804.	5.4	11
5	Smartphone-assisted colorimetric detection of BRCA-1 gene based on catalytic hairpin assembly amplification and G-quadruplex DNAzyme. <i>Chinese Journal of Analytical Chemistry</i> , 2021, 49, 41-46.	1.7	3
6	A Highly Sensitive Catalytic Hairpin Assembly-Based Dynamic Light-Scattering Biosensors for Telomerase Detection in Bladder Cancer Diagnosis. <i>Analytical Chemistry</i> , 2020, 92, 12656-12662.	6.5	36
7	A novel label-free fluorescent detection of histidine based upon Cu ²⁺ -specific DNAzyme and hybridization chain reaction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 213, 42-47.	3.9	18
8	Non-invasive diagnosis of bladder cancer by detecting telomerase activity in human urine using hybridization chain reaction and dynamic light scattering. <i>Analytica Chimica Acta</i> , 2019, 1065, 90-97.	5.4	26
9	Peroxidase-like activity of palladium nanoparticles on hydrogen-bond supramolecular structures over a broader pH range and their application in glucose sensing. <i>Canadian Journal of Chemistry</i> , 2019, 97, 317-323.	1.1	7
10	Hairpin probe for sequence-specific recognition of double-stranded DNA on simian virus 40. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 28-32.	2.6	3
11	Ultrasensitive Detection of HIV DNA with Polymerase Chain Reaction via Dynamic Light Scattering. <i>Analytical Chemistry</i> , 2018, 90, 13373-13377.	6.5	46
12	A label-free light-up fluorescent sensing platform based upon hybridization chain reaction amplification and DNA triplex assembly. <i>Talanta</i> , 2018, 189, 137-142.	5.5	22
13	Sensitive DNA detection by polymerase chain reaction with gold nanoparticles. <i>Analytica Chimica Acta</i> , 2018, 1038, 105-111.	5.4	43
14	A colorimetric sensing platform based upon recognizing hybridization chain reaction products with oligonucleotide modified gold nanoparticles through triplex formation. <i>Nanoscale</i> , 2017, 9, 1986-1992.	5.6	63
15	Fluorometric determination of Simian virus 40 based on strand displacement amplification and triplex DNA using a molecular beacon probe with a guanine-rich fragment of the stem region. <i>Mikrochimica Acta</i> , 2017, 184, 557-562.	5.0	12
16	Sequence specific recognition of HIV-1 dsDNA in the large amount of normal dsDNA based upon nicking enzyme signal amplification and triplex DNA. <i>Talanta</i> , 2017, 173, 9-13.	5.5	14
17	Ultrasensitive colorimetric detection of circulating tumor DNA using hybridization chain reaction and the pivot of triplex DNA. <i>Scientific Reports</i> , 2017, 7, 44212.	3.3	32
18	An Ag ⁺ -stabilized triplex DNA molecular switch controlled hybridization chain reaction. <i>Science China Chemistry</i> , 2017, 60, 1575-1580.	8.2	4