

Bin Guo

List of Publications by Year in descending order

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papers

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citations

1478505
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301
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#	ARTICLE	IF	CITATIONS
1	An integrated electrochemical biosensor based on target-triggered strand displacement amplification and a four-way DNA junction towards ultrasensitive detection of PIK3CA gene mutation. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111954.	10.1	21
2	Molybdenum disulfide@5-carboxyfluorescein-probe biosensor for unamplified specific fragment detection in long nucleic acids based on magnetic composite probe-actuated deblocking of secondary structure. <i>Analytical Methods</i> , 2020, 12, 4813-4822.	2.7	1
3	Synthesis and biological activity evaluation of azacycloheptane sulfonamide derivatives as potential orexin receptor antagonists. <i>RSC Advances</i> , 2020, 10, 30683-30691.	3.6	1
4	Label-free and ultrasensitive electrochemical biosensor for the detection of EBV-related DNA based on AgDNCs@DNA/AgNCs nanocomposites and lambda exonuclease-assisted target recycling. <i>Biosensors and Bioelectronics</i> , 2019, 143, 111610.	10.1	26
5	An Enzyme-Free ON-OFF Electrochemiluminescence Biosensor for Ultrasensitive Detection of PML/RAR \pm based on Target-Switched DNA Nanotweezer. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3715-3721.	8.0	26
6	An enzyme-free and label-free surface plasmon resonance biosensor for ultrasensitive detection of fusion gene based on DNA self-assembly hydrogel with streptavidin encapsulation. <i>Biosensors and Bioelectronics</i> , 2018, 112, 120-126.	10.1	46
7	Detection of BCR/ABL Fusion Gene Based on MNAAzyme-mediated Target recycling and ssDNA-assisted Cascade Hybridization Reaction. <i>Electroanalysis</i> , 2018, 30, 2427-2433.	2.9	5
8	A simple surface plasmon resonance biosensor for detection of PML/RAR \pm based on heterogeneous fusion gene-triggered nonlinear hybridization chain reaction. <i>Scientific Reports</i> , 2017, 7, 14037.	3.3	14
9	Collapse of DNA Tetrahedron Nanostructure for ON-OFF Fluorescence Detection of DNA Methyltransferase Activity. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 40087-40093.	8.0	54