

Bin Guo

List of Publications by Year in descending order

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papers

194
citations

1478505

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1474206

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9
docs citations

9
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301
citing authors

#	ARTICLE	IF	CITATIONS
1	Collapse of DNA Tetrahedron Nanostructure for "On-Off" Fluorescence Detection of DNA Methyltransferase Activity. ACS Applied Materials & Interfaces, 2017, 9, 40087-40093.	8.0	54
2	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. Biosensors and Bioelectronics, 2018, 112, 120-126.	10.1	46
3	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. Biosensors and Bioelectronics, 2019, 143, 111610.	10.1	26
4	An Enzyme-Free "ON-OFF" Electrochemiluminescence Biosensor for Ultrasensitive Detection of PML/RAR± based on Target-Switched DNA Nanotweezer. ACS Applied Materials & Interfaces, 2019, 11, 3715-3721.	8.0	26
5	An integrated electrochemical biosensor based on target-triggered strand displacement amplification and "four-way" DNA junction towards ultrasensitive detection of PIK3CA gene mutation. Biosensors and Bioelectronics, 2020, 150, 111954.	10.1	21
6	A simple surface plasmon resonance biosensor for detection of PML/RAR± based on heterogeneous fusion gene-triggered nonlinear hybridization chain reaction. Scientific Reports, 2017, 7, 14037.	3.3	14
7	Detection of BCR/ABL Fusion Gene Based on MNzyme-mediated Target-cycling and ssDNA-assisted Cascade Hybridization Reaction. Electroanalysis, 2018, 30, 2427-2433.	2.9	5
8	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. Analytical Methods, 2020, 12, 4813-4822.	2.7	1
9	Synthesis and biological activity evaluation of azacycloheptane sulfonamide derivatives as potential orexin receptor antagonists. RSC Advances, 2020, 10, 30683-30691.	3.6	1