

Qi Yan

List of Publications by Year in descending order

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12
papers

212
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1307594

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1125743

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348
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#	ARTICLE	IF	CITATIONS
1	A novel fluorescence amplification strategy combining cascade primer exchange reaction with CRISPR/Cas12a system for ultrasensitive detection of RNase H activity. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114135.	10.1	12
2	The fluorescence amplification strategy based on 3D DNA walker and CRISPR/Cas12a for the rapid detection of BRAF V600E. <i>Analytical Sciences</i> , 2022, 38, 1057-1066.	1.6	2
3	Polymerase/Nicking Enzyme Powered Dual-template Multi-cycle G-Triplex Machine for HIV-1 Determination. <i>Analytical Sciences</i> , 2021, 37, 1087-1093.	1.6	4
4	Ultra-sensitive detection of DNA N6-adenine methyltransferase based on a 3D tetrahedral fluorescence scaffold assisted by symmetrical double-ring dumbbells. <i>Analytica Chimica Acta</i> , 2021, 1184, 339018.	5.4	3
5	Multifunctional electrochemical biosensor with tetrahedral tripods-assisted multiple tandem hairpins assembly for ultra-sensitive detection of target DNA. <i>RSC Advances</i> , 2021, 11, 20046-20056.	3.6	3
6	Ginsenoside Rg3 Inhibits the Growth of Osteosarcoma and Attenuates Metastasis through the Wnt/ β -Catenin and EMT Signaling Pathway. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-12.	1.2	15
7	Two-layer three-dimensional DNA walker with highly integrated entropy-driven and enzyme-powered reactions for HIV detection. <i>Biosensors and Bioelectronics</i> , 2019, 133, 243-249.	10.1	39
8	Symmetric exponential amplification reaction-based DNA nanomachine for the fluorescent detection of nucleic acids. <i>RSC Advances</i> , 2019, 9, 41305-41310.	3.6	4
9	An electrochemical biosensor for microRNA-196a detection based on cyclic enzymatic signal amplification and template-free DNA extension reaction with the adsorption of methylene blue. <i>Biosensors and Bioelectronics</i> , 2018, 105, 103-108.	10.1	61
10	Ultrasensitive electrochemical biosensor for specific detection of DNA based on molecular beacon mediated circular strand displacement polymerization and hyperbranched rolling circle amplification. <i>Analytica Chimica Acta</i> , 2016, 934, 52-58.	5.4	43
11	Electrochemical Aptasensor for Rapid and Sensitive Determination of <i>Salmonella</i> Based on Target-Induced Strand Displacement and Gold Nanoparticle Amplification. <i>Analytical Letters</i> , 2016, 49, 2405-2417.	1.8	16
12	A Hairpin Electrochemical Aptasensor for Sensitive and Specific Detection of Thrombin Based on Homogenous Target Recognition. <i>Electroanalysis</i> , 2013, 25, 1223-1229.	2.9	9