

Liping Zhu

List of Publications by Year in descending order

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12
papers

443
citations

840776

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1199594

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445
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitive and Programmable "Signal-Off" Electrochemiluminescence Sensing Platform Based on Cascade Amplification and Multiple Quenching Mechanisms. <i>Analytical Chemistry</i> , 2021, 93, 2644-2651.	6.5	30
2	A ratiometric electrochemiluminescence strategy based on two-dimensional nanomaterial-nucleic acid interactions for biosensing and logic gates operation. <i>Biosensors and Bioelectronics</i> , 2021, 178, 113022.	10.1	23
3	An intensive and glow-type chemiluminescence of luminol-embedded, guanosine-derived hydrogel. <i>Talanta</i> , 2021, 230, 122351.	5.5	16
4	Electrochemical-Based DNA Logic Devices Regulated by the Diffusion and Intercalation of Electroactive Dyes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 42250-42257.	8.0	14
5	Contrary Logic Pair Library, Parity Generator/Checker and Various Concatenated Logic Circuits Engineered by a Label-Free and Immobilization-Free Electrochemiluminescence Resonance Energy Transfer System. <i>Small</i> , 2021, 17, e2102881.	10.0	20
6	Ratiometric Electrochemiluminescent/Electrochemical Strategy for Sensitive Detection of MicroRNA Based on Duplex-Specific Nuclease and Multilayer Circuit of Catalytic Hairpin Assembly. <i>Analytical Chemistry</i> , 2020, 92, 8614-8622.	6.5	70
7	Novel electrochemiluminescence solid-state pH sensor based on an i-motif forming sequence and rolling circle amplification. <i>Chemical Communications</i> , 2020, 56, 8786-8789.	4.1	7
8	Electrochemiluminescence Immunosensor Based on Au Nanocluster and Hybridization Chain Reaction Signal Amplification for Ultrasensitive Detection of Cardiac Troponin I. <i>ACS Sensors</i> , 2019, 4, 2778-2785.	7.8	48
9	Dual amplification ratiometric biosensor based on a DNA tetrahedron nanostructure and hybridization chain reaction for the ultrasensitive detection of microRNA-133a. <i>Chemical Communications</i> , 2019, 55, 11551-11554.	4.1	50
10	Highly Luminescent and Self-Enhanced Electrochemiluminescence of Tris(bipyridine) Ruthenium(II) Nanohybrid and Its Sensing Application for Label-Free Detection of MicroRNA. <i>Analytical Chemistry</i> , 2019, 91, 13237-13243.	6.5	47
11	A wavelength-resolved electrochemiluminescence resonance energy transfer ratiometric immunosensor for detection of cardiac troponin I. <i>Analyst</i> , 2019, 144, 6554-6560.	3.5	13
12	Dual-Wavelength Ratiometric Electrochemiluminescence Immunosensor for Cardiac Troponin I Detection. <i>Analytical Chemistry</i> , 2019, 91, 1524-1531.	6.5	105