

Bin Zhou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Novel Single-Cell Analysis Platform Based on a Solid-State Zinc-Coadsorbed Carbon Quantum Dots Electrochemiluminescence Probe for the Evaluation of CD44 Expression on Breast Cancer Cells. ACS Applied Materials & Interfaces, 2017, 9, 16848-16856.	8.0	56
2	Potential-Resolved Electrochemiluminescence for Simultaneous Determination of Triple Latent Tuberculosis Infection Markers. ACS Applied Materials & Interfaces, 2017, 9, 30536-30542.	8.0	48
3	Dual Electrochemiluminescence Signal System for <i>In Situ</i> and Simultaneous Evaluation of Multiple Cell-Surface Receptors. ACS Applied Materials & Interfaces, 2017, 9, 2074-2082.	8.0	41
4	Novel Electrochemiluminescence-Sensing Platform for the Precise Analysis of Multiple Latent Tuberculosis Infection Markers. ACS Applied Materials & Interfaces, 2017, 9, 18493-18500.	8.0	29
5	Real-time quartz crystal microbalance cytosensor based on a signal recovery strategy for in-situ and continuous monitoring of multiple cell membrane glycoproteins. Biosensors and Bioelectronics, 2018, 111, 90-96.	10.1	23
6	A single-cell analysis platform for electrochemiluminescent detection of platelets adhesion to endothelial cells based on Au@DL-ZnCQDs nanoprobe. Biosensors and Bioelectronics, 2018, 102, 553-559.	10.1	18
7	Real-Time Monitoring of the Regulatory Volume Decrease of Cancer Cells: A Model for the Evaluation of Cell Migration. Analytical Chemistry, 2019, 91, 8078-8084.	6.5	14
8	Erythrocytes-based quartz crystal microbalance cytosensor for in situ detection of cell surface sialic acid. Analyst, The, 2017, 142, 2169-2176.	3.5	12
9	Dynamical and noninvasive monitoring of curcumin effect on the changes in the viscoelasticity of human breast cancer cells: A novel model to assess cell apoptosis. Talanta, 2022, 236, 122899.	5.5	3
10	Dual-functional aluminum(III)-based electrochemiluminescent detection of gene mutation. Mikrochimica Acta, 2017, 184, 4611-4618.	5.0	0
11	Novel quartz crystal microbalance cytosensor for real-time monitoring of polystyrene nanospheres effect on cell apoptosis. Chinese Journal of Analytical Chemistry, 2023, 51, 100149.	1.7	0