

Qiang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

849
citations

516710

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docs citations

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times ranked

895
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#	ARTICLE	IF	CITATIONS
1	Electrochemiluminescence Detection of <i>Escherichia coli</i> O157:H7 Based on a Novel Polydopamine Surface Imprinted Polymer Biosensor. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 5430-5436.	8.0	150
2	Recent advances in quantum dot-based electrochemiluminescence sensors. <i>Journal of Materials Chemistry C</i> , 2018, 6, 942-959.	5.5	104
3	Recent developments in electrochemiluminescence nanosensors for cancer diagnosis applications. <i>Nanoscale</i> , 2020, 12, 13879-13898.	5.6	81
4	Wavelength-Dependent Surface Plasmon Coupling Electrochemiluminescence Biosensor Based on Sulfur-Doped Carbon Nitride Quantum Dots for K-RAS Gene Detection. <i>Analytical Chemistry</i> , 2019, 91, 13780-13786.	6.5	67
5	Sulfur Regulated Boron Nitride Quantum Dots Electrochemiluminescence with Amplified Surface Plasmon Coupling Strategy for BRAF Gene Detection. <i>Analytical Chemistry</i> , 2019, 91, 6250-6258.	6.5	58
6	Fluorescence detection of dopamine based on nitrogen-doped graphene quantum dots and visible paper-based test strips. <i>Analytical Methods</i> , 2017, 9, 2246-2251.	2.7	49
7	A visual electrochemiluminescence resonance energy transfer/surface plasmon coupled electrochemiluminescence nanosensor for Shiga toxin-producing <i>Escherichia coli</i> detection. <i>Green Chemistry</i> , 2018, 20, 5520-5527.	9.0	45
8	Polarized-Electrochemiluminescence Biosensor Based on Surface Plasmon Coupling Strategy and Fluorine-Doped BN Quantum Dots. <i>Analytical Chemistry</i> , 2020, 92, 9223-9229.	6.5	41
9	Multiplex Electrochemiluminescence Polarization Assay Based on the Surface Plasmon Coupling Effect of Au NPs and Ag@Au NPs. <i>Analytical Chemistry</i> , 2021, 93, 7491-7498.	6.5	37
10	DNA-Mediated Au-Au Dimer-Based Surface Plasmon Coupling Electrochemiluminescence Sensor for BRCA1 Gene Detection. <i>Analytical Chemistry</i> , 2021, 93, 3308-3314.	6.5	36
11	MXene-Derived Quantum Dot@Gold Nanobones Heterostructure-Based Electrochemiluminescence Sensor for Triple-Negative Breast Cancer Diagnosis. <i>Analytical Chemistry</i> , 2021, 93, 17086-17093.	6.5	29
12	Recent Advances in Visual Electrochemiluminescence Analysis. <i>Journal of Analysis and Testing</i> , 2020, 4, 92-106.	5.1	22
13	Magnetic-plasmonic yolk-shell nanostructure-based plasmon-enhanced electrochemiluminescence sensor. <i>Sensors and Actuators B: Chemical</i> , 2020, 319, 128245.	7.8	21
14	Fe ₃ O ₄ NP@ZIF-8/MoS ₂ QD-based electrochemiluminescence with nanosurface energy transfer strategy for point-of-care determination of ATP. <i>Analytica Chimica Acta</i> , 2020, 1127, 190-197.	5.4	21
15	A novel CuZnInS quantum dot-based ECL sensing system for lysophosphatidic acid detection. <i>Analyst</i> , 2017, 142, 4142-4149.	3.5	17
16	Fluorometric enhancement of the detection of H ₂ O ₂ using different organic substrates and a peroxidase-mimicking polyoxometalate. <i>RSC Advances</i> , 2019, 9, 12209-12217.	3.6	17
17	Gold Nanorod Vertical Array-Based Electrochemiluminescence Polarization Assay for Triple-Negative Breast Cancer Detection. <i>Analytical Chemistry</i> , 2022, 94, 1221-1229.	6.5	17
18	Polarization-Resolved Electrochemiluminescence Sensor Based on the Surface Plasmon Coupling Effect of a Au Nanotriangle-Patterned Structure. <i>Analytical Chemistry</i> , 2021, 93, 15785-15793.	6.5	11

#	ARTICLE	IF	CITATIONS
19	A novel L-cysteine regulated polydopamine nanoparticle-based electrochemiluminescence image application. <i>Journal of Materials Chemistry C</i> , 2020, 8, 8592-8600.	5.5	10
20	Rational Fabrication of a Smart Electrochemiluminescent Sensor: Synergistic Effect of a Self-Luminous Faraday Cage and Biomimetic Magnetic Vesicles. <i>Analytical Chemistry</i> , 2021, 93, 7508-7515.	6.5	10
21	An efficient microwave-assisted hydrothermal synthesis of high-quality CuInZnS/ZnS quantum dots. <i>New Journal of Chemistry</i> , 2018, 42, 4102-4108.	2.8	6