Qing Zhang

List of Publications by Year in descending order

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ΟιΝΟ ΖΗΛΝΟ

#	Article	IF	CITATIONS
1	CdSe/ZnS quantum dot-encoded maleic anhydride-grafted PLA microspheres prepared through membrane emulsification for multiplexed immunoassays of tumor markers. Analyst, The, 2022, 147, 1873-1880.	3.5	8
2	Quantum-dot-functionalized paper-based device for simultaneous visual detection of Cu(II), Mn(II), and Hg(II). Talanta Open, 2022, 5, 100099.	3.7	6
3	Analyte-enhanced photocatalytic activity of CdSe/ZnS quantum dots for paper-based colorimetric sensing of Hg2+ under visible light. Microchemical Journal, 2021, 164, 106037.	4.5	16
4	Electrochemical paper-based microfluidic device for on-line isolation of proteins and direct detection of lead in urine. Biosensors and Bioelectronics, 2021, 187, 113310.	10.1	29
5	Optical lateral flow test strip biosensors for pesticides: Recent advances and future trends. TrAC - Trends in Analytical Chemistry, 2021, 144, 116427.	11.4	38
6	Rapid detection of Shiga toxin type II using lateral flow immunochromatography test strips of colorimetry and fluorimetry. Analyst, The, 2020, 145, 76-82.	3.5	16
7	Miniaturized device with a detachable three-electrode system and vibration motor for electrochemical analysis based on disposable electrodes. Sensors and Actuators B: Chemical, 2019, 297, 126719.	7.8	13
8	Simultaneous determination of lead, arsenic, and mercury in cosmetics using a plastic based disposable electrochemical sensor. Microchemical Journal, 2019, 148, 240-247.	4.5	46
9	Voltammetric aptasensor for bisphenol A based on double signal amplification via gold-coated multiwalled carbon nanotubes and an ssDNA–dye complex. Mikrochimica Acta, 2019, 186, 860.	5.0	16
10	Ultrasensitive Detection of Severe Fever with Thrombocytopenia Syndrome Virus Based on Immunofluorescent Carbon Dots/SiO ₂ Nanosphere-Based Lateral Flow Assay. ACS Omega, 2019, 4, 21431-21438.	3.5	49
11	A disposable electrochemical aptasensor using single-stranded DNA–methylene blue complex as signal-amplification platform for sensitive sensing of bisphenol A. Sensors and Actuators B: Chemical, 2019, 284, 73-80.	7.8	51
12	A new colorimetric sensor for visible detection of Cu(II) based on photoreductive ability of quantum dots. Analytica Chimica Acta, 2018, 1021, 140-146.	5.4	28
13	Disposable plastic electrode for electrochemical determination of total chromium and hexavalent chromium. Journal of Electroanalytical Chemistry, 2017, 794, 148-155.	3.8	27
14	Disposable paper-based electrochemical sensor based on stacked gold nanoparticles supported carbon nanotubes for the determination of bisphenol A. Electrochemistry Communications, 2016, 68, 104-107.	4.7	101
15	Carbon tape coated with gold film as stickers for bulk fabrication of disposable gold electrodes to detect Cr(VI). Sensors and Actuators B: Chemical, 2016, 236, 218-225.	7.8	27
16	Using nanostructured conductive carbon tape modified with bismuth as the disposable working electrode for stripping analysis in paper-based analytical devices. Talanta, 2013, 115, 235-240.	5.5	37