

Qing Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

508
citations

686830

13
h-index

940134

16
g-index

16
all docs

16
docs citations

16
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	Disposable paper-based electrochemical sensor based on stacked gold nanoparticles supported carbon nanotubes for the determination of bisphenol A. <i>Electrochemistry Communications</i> , 2016, 68, 104-107.	2.3	101
2	A disposable electrochemical aptasensor using single-stranded DNA-methylene blue complex as signal-amplification platform for sensitive sensing of bisphenol A. <i>Sensors and Actuators B: Chemical</i> , 2019, 284, 73-80.	4.0	51
3	Ultrasensitive Detection of Severe Fever with Thrombocytopenia Syndrome Virus Based on Immunofluorescent Carbon Dots/SiO ₂ Nanosphere-Based Lateral Flow Assay. <i>ACS Omega</i> , 2019, 4, 21431-21438.	1.6	49
4	Simultaneous determination of lead, arsenic, and mercury in cosmetics using a plastic based disposable electrochemical sensor. <i>Microchemical Journal</i> , 2019, 148, 240-247.	2.3	46
5	Optical lateral flow test strip biosensors for pesticides: Recent advances and future trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 144, 116427.	5.8	38
6	Using nanostructured conductive carbon tape modified with bismuth as the disposable working electrode for stripping analysis in paper-based analytical devices. <i>Talanta</i> , 2013, 115, 235-240.	2.9	37
7	Electrochemical paper-based microfluidic device for on-line isolation of proteins and direct detection of lead in urine. <i>Biosensors and Bioelectronics</i> , 2021, 187, 113310.	5.3	29
8	A new colorimetric sensor for visible detection of Cu(II) based on photoreductive ability of quantum dots. <i>Analytica Chimica Acta</i> , 2018, 1021, 140-146.	2.6	28
9	Carbon tape coated with gold film as stickers for bulk fabrication of disposable gold electrodes to detect Cr(VI). <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 218-225.	4.0	27
10	Disposable plastic electrode for electrochemical determination of total chromium and hexavalent chromium. <i>Journal of Electroanalytical Chemistry</i> , 2017, 794, 148-155.	1.9	27
11	Voltammetric aptasensor for bisphenol A based on double signal amplification via gold-coated multiwalled carbon nanotubes and an ssDNA-dye complex. <i>Mikrochimica Acta</i> , 2019, 186, 860.	2.5	16
12	Rapid detection of Shiga toxin type II using lateral flow immunochromatography test strips of colorimetry and fluorimetry. <i>Analyst</i> , The, 2020, 145, 76-82.	1.7	16
13	Analyte-enhanced photocatalytic activity of CdSe/ZnS quantum dots for paper-based colorimetric sensing of Hg ²⁺ under visible light. <i>Microchemical Journal</i> , 2021, 164, 106037.	2.3	16
14	Miniaturized device with a detachable three-electrode system and vibration motor for electrochemical analysis based on disposable electrodes. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126719.	4.0	13
15	CdSe/ZnS quantum dot-encoded maleic anhydride-grafted PLA microspheres prepared through membrane emulsification for multiplexed immunoassays of tumor markers. <i>Analyst</i> , The, 2022, 147, 1873-1880.	1.7	8
16	Quantum-dot-functionalized paper-based device for simultaneous visual detection of Cu(II), Mn(II), and Hg(II). <i>Talanta Open</i> , 2022, 5, 100099.	1.7	6