

Hongfang Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

208
citations

1163117
8
h-index

1474206
9
g-index

9
all docs

9
docs citations

9
times ranked

314
citing authors

#	ARTICLE	IF	CITATIONS
1	Ferrofluids transport in bioinspired nanochannels: Application to electrochemical biosensing with magnetic-controlled detection. <i>Biosensors and Bioelectronics</i> , 2022, 201, 113963.	10.1	6
2	Novel electrochemical biosensing platform for microRNA detection based on G-quadruplex formation in nanochannels. <i>Sensors and Actuators B: Chemical</i> , 2021, 327, 128898.	7.8	25
3	A label-free ratiometric immunoassay using bioinspired nanochannels and a smart modified electrode. <i>Analytica Chimica Acta</i> , 2021, 1162, 338476.	5.4	8
4	Novel electrochemical biosensing platform for microRNA: Bivalent recognition-induced nanoparticle amplification occurred in nanochannels. <i>Sensors and Actuators B: Chemical</i> , 2021, 344, 130209.	7.8	11
5	C ₆₀ Mediated Ion Pair Interaction for Label-Free Electrochemical Immunosensing with Nanoporous Anodic Alumina Nanochannels. <i>Analytical Chemistry</i> , 2019, 91, 5125-5132.	6.5	22
6	Ultrasensitive Electrochemical Immunoassay Based on Cargo Release from Nanosized PbS Colloidosomes. <i>Analytical Chemistry</i> , 2019, 91, 2224-2230.	6.5	16
7	Fullerene-based anodic stripping voltammetry for simultaneous determination of Hg(II), Cu(II), Pb(II) and Cd(II) in foodstuff. <i>Mikrochimica Acta</i> , 2018, 185, 274.	5.0	40
8	A novel electrochemical immunosensor based on nonenzymatic Ag@Au-Fe ₃ O ₄ nanoelectrocatalyst for protein biomarker detection. <i>Biosensors and Bioelectronics</i> , 2016, 85, 343-350.	10.1	55
9	Sensitive detection of hydroxylamine at a simple baicalin carbon nanotubes modified electrode. <i>Talanta</i> , 2012, 93, 67-71.	5.5	25