

Jianxiong Chan

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Industry Viable Electrochemical DNA Detection Sensor Architecture via a Stem-Loop Methylene Blue Redox Reporter and Rapid In Situ Probe Immobilization Method for Pharmacogenetic Biomarker Testing Application. <i>Journal of the Electrochemical Society</i> , 2022, 169, 017508.	2.9	0
2	Design and Optimisation of Elliptical-Shaped Planar Hall Sensor for Biomedical Applications. <i>Biosensors</i> , 2022, 12, 108.	4.7	2
3	Heater Integrated Lab-on-a-Chip Device for Rapid HLA Alleles Amplification towards Prevention of Drug Hypersensitivity. <i>Sensors</i> , 2021, 21, 3413.	3.8	5
4	Industry Viable Electrochemical DNA Detection Sensor Architecture Via a Stem-Loop Methylene Blue Redox Reporter and Rapid in Situ Probe Mobilization Method. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 2078-2078.	0.0	0
5	Industry Viable Electrochemical DNA Detection Sensor Architecture Via a Stem-Loop Methylene Blue Redox Reporter and Rapid in Situ Probe Mobilization Method. <i>ECS Meeting Abstracts</i> , 2021, MA2021-01, 2067-2067.	0.0	0
6	An ultra-portable, self-contained point-of-care nucleic acid amplification test for diagnosis of active COVID-19 infection. <i>Scientific Reports</i> , 2021, 11, 15176.	3.3	24
7	Meander Thin-Film Biosensor Fabrication to Investigate the Influence of Structural Parameters on the Magneto-Impedance Effect. <i>Sensors</i> , 2021, 21, 6514.	3.8	4
8	Comparative analysis of loop-mediated isothermal amplification (LAMP)-based assays for rapid detection of SARS-CoV-2 genes. <i>Scientific Reports</i> , 2021, 11, 22493.	3.3	13
9	Association between CYP2C9 polymorphisms and ischemic stroke following endovascular neurointervention. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2020, 29, 104901.	1.6	3
10	Rapid Detection of HLA-B*57:01-Expressing Cells Using a Label-Free Interdigitated Electrode Biosensor Platform for Prevention of Abacavir Hypersensitivity in HIV Treatment. <i>Sensors</i> , 2019, 19, 3543.	3.8	2
11	Development of an Ultrasensitive Impedimetric Immunosensor Platform for Detection of Plasmodium Lactate Dehydrogenase. <i>Sensors</i> , 2019, 19, 2446.	3.8	12
12	Ultrasensitive and label-free biosensor for the detection of Plasmodium falciparum histidine-rich protein II in saliva. <i>Scientific Reports</i> , 2019, 9, 17495.	3.3	19
13	An interdigitated electrode biosensor platform for rapid HLA-B*15:02 genotyping for prevention of drug hypersensitivity. <i>Biosensors and Bioelectronics</i> , 2018, 111, 174-183.	10.1	18
14	Accelerated kindling epileptogenesis in Tg4510 tau transgenic mice, but not in tau knockout mice. <i>Epilepsia</i> , 2017, 58, e136-e141.	5.1	30
15	A Label-Free, Quantitative Fecal Hemoglobin Detection Platform for Colorectal Cancer Screening. <i>Biosensors</i> , 2017, 7, 19.	4.7	9
16	Point-of-care molecular diagnostic devices: an overview. <i>Pharmacogenomics</i> , 2015, 16, 1399-1409.	1.3	8
17	A mouse model of Alzheimer's disease displays increased susceptibility to kindling and seizure-associated death. <i>Epilepsia</i> , 2015, 56, e73-7.	5.1	35