

Sahba Sadir

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Microfluidic Impedance Biosensor Chips Using Sensing Layers Based on DNA-Based Self-Assembled Monolayers for Label-Free Detection of Proteins. <i>Biosensors</i> , 2021, 11, 80.	4.7	16
2	Local Heat Transfer Analysis in a Single Microchannel with Boiling DI-Water and Correlations with Impedance Local Sensors. <i>Energies</i> , 2020, 13, 6473.	3.1	3
3	Microfluidic impedance biosensor chip with DNA-based self-assembled monolayers for label-free detection of cardiac biomarker troponin I. , 2020, 60, .		0
4	Investigation of water microchannel boiling flow regimes using electrical sensing elements along a single microchannel. <i>Measurement Science and Technology</i> , 2019, 30, 125301.	2.6	2
5	Cotton fiber-based assay with time-based microfluidic absorption sampling for point-of-care applications. <i>Bioanalysis</i> , 2019, 11, 855-873.	1.5	2
6	Investigation of Slug Flow in Microchannel Boiling by Impedimetric Sensing. , 2019, , .		1
7	Heat Transfer Modeling of Confined Bubble Evaporation in a Microchannel. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2019, 19, e201900449.	0.2	1
8	<i>In Situ</i> Synthesis of Silver Nanoparticles for Ag@NP/Cotton Nanocomposite and Its Bactericidal Effect. <i>Journal of the Chinese Chemical Society</i> , 2017, 64, 1286-1293.	1.4	21
9	Cotton Thread for Size-Based Blood Cells Sorting. <i>Advanced Materials Research</i> , 2015, 1112, 437-440.	0.3	4
10	Saliva-Based Biosensors: Noninvasive Monitoring Tool for Clinical Diagnostics. <i>BioMed Research International</i> , 2014, 2014, 1-20.	1.9	150
11	Fiber based enzyme-linked immunosorbent assay for C-reactive protein. <i>Sensors and Actuators B: Chemical</i> , 2014, 205, 50-60.	7.8	28