

Shilun L Feng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/76958/publications.pdf>

Version: 2024-02-01

23
papers

501
citations

759055

12
h-index

752573

20
g-index

24
all docs

24
docs citations

24
times ranked

681
citing authors

#	ARTICLE	IF	CITATIONS
1	The Development of a Photothermal Immunochromatographic Lateral Flow Strip for Rapid and Sensitive Detection of Bisphenol A in Food Samples. <i>Food Analytical Methods</i> , 2021, 14, 127-135.	1.3	12
2	Trapping and Detection of Single Viruses in an Optofluidic Chip. <i>ACS Sensors</i> , 2021, 6, 3445-3450.	4.0	18
3	A Review of Capillary Pressure Control Valves in Microfluidics. <i>Biosensors</i> , 2021, 11, 405.	2.3	18
4	A Review on the Use of Impedimetric Sensors for the Inspection of Food Quality. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5220.	1.2	26
5	Hydrogel Microlasers for Versatile Biomolecular Analysis Based on a Lasing Microarray. <i>Advanced Photonics Research</i> , 2020, 1, 2000041.	1.7	10
6	Biomarkers detection with magnetoresistance-based sensors. <i>Biosensors and Bioelectronics</i> , 2020, 165, 112340.	5.3	40
7	Application of microfluidic technology in food processing. <i>Food and Function</i> , 2020, 11, 5726-5737.	2.1	44
8	A 3D-printed modular magnetic digital microfluidic architecture for on-demand bioanalysis. <i>Microsystems and Nanoengineering</i> , 2020, 6, 48.	3.4	24
9	Bio-electrostatic sensitive droplet lasers for molecular detection. <i>Nanoscale Advances</i> , 2020, 2, 2713-2719.	2.2	45
10	Recent Progress in 3D Printed Mold-Based Sensors. <i>Sensors</i> , 2020, 20, 703.	2.1	37
11	The fluidic resistance of an array of obstacles and a method for improving boundaries in deterministic lateral displacement arrays. <i>Microfluidics and Nanofluidics</i> , 2020, 24, 1.	1.0	12
12	Droplets for Sampling and Transport of Chemical Signals in Biosensing: A Review. <i>Biosensors</i> , 2019, 9, 80.	2.3	16
13	Microfabricated needle for hydrogen peroxide detection. <i>RSC Advances</i> , 2019, 9, 18176-18181.	1.7	4
14	On-chip structure-switching aptamer-modified magnetic nanobeads for the continuous monitoring of interferon-gamma ex vivo. <i>Microsystems and Nanoengineering</i> , 2019, 5, 35.	3.4	27
15	A Hi-Bi Ultra-Sensitive Surface Plasmon Resonance Fiber Sensor. <i>IEEE Access</i> , 2019, 7, 79085-79094.	2.6	116
16	Significant fat reduction in deep-fried kamaboko by fish protein hydrolysates derived from common carp (<i>Cyprinus carpio</i>). <i>Journal of the Science of Food and Agriculture</i> , 2019, 99, 3255-3263.	1.7	4
17	PDMS-Embedded Conductive Fabric: A Simple Solution for Fabricating PDMS-Based Wearable Antennas with Robust Performance. , 2018, , .		2
18	Development of Novel Gold/PDMS Sensors for Medical Applications. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Development of Printed Sensors for Shoe Sensing Applications. , 2018, , .		1
20	Development of an Internet of Things Based Electrochemical Microfluidic System for Free Calcium Detection. Applied Sciences (Switzerland), 2018, 8, 1357.	1.3	10
21	Maximizing particle concentration in deterministic lateral displacement arrays. Biomicrofluidics, 2017, 11, 024121.	1.2	20
22	A microfluidic needle for sampling and delivery of chemical signals by segmented flows. Applied Physics Letters, 2017, 111, 183702.	1.5	10
23	Microfluidic Droplet Extraction by Hydrophilic Membrane. Micromachines, 2017, 8, 331.	1.4	4