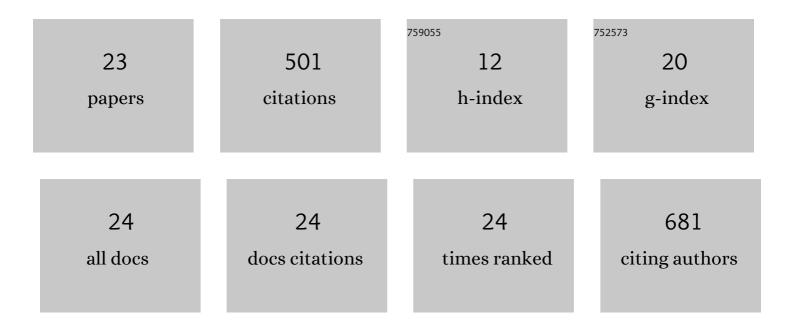
Shilun L Feng

List of Publications by Year in descending order

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SHILLIN L FENC

#	Article	IF	CITATIONS
1	A Hi-Bi Ultra-Sensitive Surface Plasmon Resonance Fiber Sensor. IEEE Access, 2019, 7, 79085-79094.	2.6	116
2	Bio-electrostatic sensitive droplet lasers for molecular detection. Nanoscale Advances, 2020, 2, 2713-2719.	2.2	45
3	Application of microfluidic technology in food processing. Food and Function, 2020, 11, 5726-5737.	2.1	44
4	Biomarkers detection with magnetoresistance-based sensors. Biosensors and Bioelectronics, 2020, 165, 112340.	5.3	40
5	Recent Progress in 3D Printed Mold-Based Sensors. Sensors, 2020, 20, 703.	2.1	37
6	On-chip structure-switching aptamer-modified magnetic nanobeads for the continuous monitoring of interferon-gamma ex vivo. Microsystems and Nanoengineering, 2019, 5, 35.	3.4	27
7	A Review on the Use of Impedimetric Sensors for the Inspection of Food Quality. International Journal of Environmental Research and Public Health, 2020, 17, 5220.	1.2	26
8	A 3D-printed modular magnetic digital microfluidic architecture for on-demand bioanalysis. Microsystems and Nanoengineering, 2020, 6, 48.	3.4	24
9	Maximizing particle concentration in deterministic lateral displacement arrays. Biomicrofluidics, 2017, 11, 024121.	1.2	20
10	Trapping and Detection of Single Viruses in an Optofluidic Chip. ACS Sensors, 2021, 6, 3445-3450.	4.0	18
11	A Review of Capillary Pressure Control Valves in Microfluidics. Biosensors, 2021, 11, 405.	2.3	18
12	Droplets for Sampling and Transport of Chemical Signals in Biosensing: A Review. Biosensors, 2019, 9, 80.	2.3	16
13	The fluidic resistance of an array of obstacles and a method for improving boundaries in deterministic lateral displacement arrays. Microfluidics and Nanofluidics, 2020, 24, 1.	1.0	12
14	The Development of a Photothermal Immunochromatographic Lateral Flow Strip for Rapid and Sensitive Detection of Bisphenol A in Food Samples. Food Analytical Methods, 2021, 14, 127-135.	1.3	12
15	A microfluidic needle for sampling and delivery of chemical signals by segmented flows. Applied Physics Letters, 2017, 111, 183702.	1.5	10
16	Development of an Internet of Things Based Electrochemical Microfluidic System for Free Calcium Detection. Applied Sciences (Switzerland), 2018, 8, 1357.	1.3	10
17	Hydrogel Microlasers for Versatile Biomolecular Analysis Based on a Lasing Microarray. Advanced Photonics Research, 2020, 1, 2000041.	1.7	10
18	Microfluidic Droplet Extraction by Hydrophilic Membrane. Micromachines, 2017, 8, 331.	1.4	4

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