

Ruxiu Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6269061/publications.pdf>

Version: 2024-02-01

21
papers

284
citations

932766

10
h-index

940134

16
g-index

22
all docs

22
docs citations

22
times ranked

222
citing authors

#	ARTICLE	IF	CITATIONS
1	Centrifugation-Assisted Three-Dimensional Printing of Devices Embedded with Fully Enclosed Microchannels. 3D Printing and Additive Manufacturing, 2023, 10, 609-618.	1.4	1
2	Electronic measurement of cell antigen expression in whole blood. Lab on A Chip, 2022, 22, 296-312.	3.1	5
3	High throughput, label-free isolation of circulating tumor cell clusters in meshed microwells. Nature Communications, 2022, 13, .	5.8	33
4	Integrated sensor networks with error correction for multiplexed particle tracking in microfluidic chips. Biosensors and Bioelectronics, 2021, 174, 112818.	5.3	6
5	Closed-loop feedback control of microfluidic cell manipulation <i>via</i> deep-learning integrated sensor networks. Lab on A Chip, 2021, 21, 1916-1928.	3.1	23
6	Capillary flow control in lateral flow assays via delaminating timers. Science Advances, 2021, 7, eabf9833.	4.7	18
7	Negative enrichment of circulating tumor cells from unmanipulated whole blood with a 3D printed device. Scientific Reports, 2021, 11, 20583.	1.6	3
8	Electronic Immunoaffinity Assay for Differential Leukocyte Counts. Journal of Microelectromechanical Systems, 2020, 29, 942-947.	1.7	9
9	Combinatorial Immunophenotyping of Cell Populations with an Electronic Antibody Microarray. Small, 2019, 15, e1904732.	5.2	12
10	Processing code-multiplexed Coulter signals <i>via</i> deep convolutional neural networks. Lab on A Chip, 2019, 19, 3292-3304.	3.1	31
11	High Throughput Cell Mechanophenotyping via Microfluidic Constrictions with Multiplexed Electrical Sensors. , 2019, , .		0
12	Electronic profiling of membrane antigen expression<i>via</i>immunomagnetic cell manipulation. Lab on A Chip, 2019, 19, 2444-2455.	3.1	13
13	Analysis and Characterization of Soft-Lithography-Compatible Parallel-Electrode-Sensors in Microfluidic Devices. , 2019, , .		0
14	Quantitative Measurement of Cell Surface Expression Via Magnetophoretic Cytometry. , 2019, , .		1
15	Hybrid negative enrichment of circulating tumor cells from whole blood in a 3D-printed monolithic device. Lab on A Chip, 2019, 19, 3427-3437.	3.1	33
16	Scaling code-multiplexed electrode networks for distributed Coulter detection in microfluidics. Biosensors and Bioelectronics, 2018, 120, 30-39.	5.3	14
17	Code-division multiplexed resistive pulse sensor networks for spatio-temporal detection of particles in microfluidic devices. , 2017, , .		1
18	Microfluidic Platform with Multiplexed Electronic Detection for Spatial Tracking of Particles. Journal of Visualized Experiments, 2017, , .	0.2	6

#	ARTICLE	IF	CITATIONS
19	Design and modeling of electrode networks for code-division multiplexed resistive pulse sensing in microfluidic devices. Lab on A Chip, 2017, 17, 2650-2666.	3.1	23
20	A microfluidic device for electronic cell surface expression profiling using magnetophoresis. , 2017, , .		3
21	Microfluidic CODES: a scalable multiplexed electronic sensor for orthogonal detection of particles in microfluidic channels. Lab on A Chip, 2016, 16, 1350-1357.	3.1	49