

Ningquan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

200
citations

1163117

8
h-index

1199594

12
g-index

17
all docs

17
docs citations

17
times ranked

153
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic CODES: a scalable multiplexed electronic sensor for orthogonal detection of particles in microfluidic channels. Lab on A Chip, 2016, 16, 1350-1357.	6.0	49
2	Processing code-multiplexed Coulter signals <i>via</i> deep convolutional neural networks. Lab on A Chip, 2019, 19, 3292-3304.	6.0	31
3	Design and modeling of electrode networks for code-division multiplexed resistive pulse sensing in microfluidic devices. Lab on A Chip, 2017, 17, 2650-2666.	6.0	23
4	Closed-loop feedback control of microfluidic cell manipulation <i>via</i> deep-learning integrated sensor networks. Lab on A Chip, 2021, 21, 1916-1928.	6.0	23
5	Scaling code-multiplexed electrode networks for distributed Coulter detection in microfluidics. Biosensors and Bioelectronics, 2018, 120, 30-39.	10.1	14
6	Electronic profiling of membrane antigen expression<i>via</i>immunomagnetic cell manipulation. Lab on A Chip, 2019, 19, 2444-2455.	6.0	13
7	Combinatorial Immunophenotyping of Cell Populations with an Electronic Antibody Microarray. Small, 2019, 15, e1904732.	10.0	12
8	Electronic Immunoaffinity Assay for Differential Leukocyte Counts. Journal of Microelectromechanical Systems, 2020, 29, 942-947.	2.5	9
9	Microfluidic Platform with Multiplexed Electronic Detection for Spatial Tracking of Particles. Journal of Visualized Experiments, 2017, , .	0.3	6
10	Integrated sensor networks with error correction for multiplexed particle tracking in microfluidic chips. Biosensors and Bioelectronics, 2021, 174, 112818.	10.1	6
11	Electronic measurement of cell antigen expression in whole blood. Lab on A Chip, 2022, 22, 296-312.	6.0	5
12	Automated lightless cytometry on a microchip with adaptive immunomagnetic manipulation. Biosensors and Bioelectronics, 2022, 203, 114014.	10.1	4
13	A microfluidic device for electronic cell surface expression profiling using magnetophoresis. , 2017, , .		3
14	Code-division multiplexed resistive pulse sensor networks for spatio-temporal detection of particles in microfluidic devices. , 2017, , .		1
15	Quantitative Measurement of Cell Surface Expression Via Magnetophoretic Cytometry. , 2019, , .		1
16	High Throughput Cell Mechanophenotyping via Microfluidic Constrictions with Multiplexed Electrical Sensors. , 2019, , .		0