

John McGrath

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1969497/publications.pdf>

Version: 2024-02-01

10
papers

252
citations

1163117

8
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

360
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of Parasitic Protozoa at the Single-cell Level using Microfluidic Impedance Cytometry. Scientific Reports, 2017, 7, 2601.	3.3	67
2	A neural network approach for real-time particle/cell characterization in microfluidic impedance cytometry. Analytical and Bioanalytical Chemistry, 2020, 412, 3835-3845.	3.7	62
3	Electrophysiology-based stratification of pancreatic tumorigenicity by label-free single-cell impedance cytometry. Analytica Chimica Acta, 2020, 1101, 90-98.	5.4	43
4	Minimum bactericidal concentration of ciprofloxacin to Pseudomonas aeruginosa determined rapidly based on pyocyanin secretion. Sensors and Actuators B: Chemical, 2020, 312, 127936.	7.8	20
5	High-Throughput Triggered Merging of Surfactant-Stabilized Droplet Pairs Using Traveling Surface Acoustic Waves. Analytical Chemistry, 2019, 91, 13978-13985.	6.5	14
6	Active single cell encapsulation using SAW overcoming the limitations of Poisson distribution. Lab on A Chip, 2021, 22, 193-200.	6.0	14
7	Deformability Assessment of Waterborne Protozoa Using a Microfluidic-Enabled Force Microscopy Probe. PLoS ONE, 2016, 11, e0150438.	2.5	13
8	Electrofabricated biomaterial-based capacitor on nanoporous gold for enhanced redox amplification. Electrochimica Acta, 2019, 318, 828-836.	5.2	10
9	Microfluidics as a Novel Technique for Tuberculosis: From Diagnostics to Drug Discovery. Microorganisms, 2021, 9, 2330.	3.6	8
10	Observing the Dynamics of Waterborne Pathogens for Assessing the Level of Contamination. , 2015, , .		1