

Soojung Claire C Hur

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,753
citations

759233

12
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

3234
citing authors

#	ARTICLE	IF	CITATIONS
1	Sensitizing drug-resistant cancer cells from blood using microfluidic electroporator. PLoS ONE, 2022, 17, e0264907.	2.5	4
2	Recent Advances in Microscale Electroporation. Chemical Reviews, 2022, 122, 11247-11286.	47.7	22
3	Inertial Microfluidics Enabling Clinical Research. Micromachines, 2021, 12, 257.	2.9	29
4	Editorial for the Special Issue on Inertial Microfluidics. Micromachines, 2021, 12, 587.	2.9	0
5	Inositol polyphosphate multikinase is a metformin target that regulates cell migration. FASEB Journal, 2019, 33, 14137-14146.	0.5	16
6	Engineering Innovations for Fundamental Biology and Translational Medicine. SLAS Technology, 2019, 24, 455-456.	1.9	1
7	Microscale Laminar Vortices for High-Purity Extraction and Release of Circulating Tumor Cells. Methods in Molecular Biology, 2017, 1634, 65-79.	0.9	1
8	Microscale Symmetrical Electroporator Array as a Versatile Molecular Delivery System. Scientific Reports, 2017, 7, 44757.	3.3	20
9	Direct Drug Cocktail Analyses Using Microscale Vortex-Assisted Electroporation. Analytical Chemistry, 2014, 86, 10099-10105.	6.5	8
10	Microscale Vortex-assisted Electroporator for Sequential Molecular Delivery. Journal of Visualized Experiments, 2014, , e51702.	0.3	2
11	Sequential multi-molecule delivery using vortex-assisted electroporation. Lab on A Chip, 2013, 13, 2764.	6.0	26
12	Real-time image processor for detection of rare cells and particles in flow at 37 MHz line scans per second. , 2013, , .		3
13	Label-Free Enrichment of Adrenal Cortical Progenitor Cells Using Inertial Microfluidics. PLoS ONE, 2012, 7, e46550.	2.5	48
14	High-throughput single-microparticle imaging flow analyzer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11630-11635.	7.1	333
15	Deformability-based cell classification and enrichment using inertial microfluidics. Lab on A Chip, 2011, 11, 912.	6.0	486
16	Automated cellular sample preparation using a Centrifuge-on-a-Chip. Lab on A Chip, 2011, 11, 2827.	6.0	247
17	Towards an Integrated Chip-Scale Plasmonic Biosensor. Optics and Photonics News, 2011, 22, 32.	0.5	8
18	A novel hyper-elastic thin film nitinol covered stent significantly decreases intra-aneurysmal flow in vitro. , 2011, , .		0

#	ARTICLE	IF	CITATIONS
19	Inertial focusing of non-spherical microparticles. Applied Physics Letters, 2011, 99, .	3.3	105
20	High-throughput size-based rare cell enrichment using microscale vortices. Biomicrofluidics, 2011, 5, 22206.	2.4	266
21	Intra-aneurysmal flow reductions in a thin film nitinol flow diverter. Smart Materials and Structures, 2011, 20, 055021.	3.5	8
22	Label-free cell separation and sorting in microfluidic systems. Analytical and Bioanalytical Chemistry, 2010, 397, 3249-3267.	3.7	789
23	Pulsed laser triggered high speed fluorescence activated microfluidic switch. , 2010, , .		2
24	Sheathless inertial cell ordering for extreme throughput flow cytometry. Lab on A Chip, 2010, 10, 274-280.	6.0	324
25	Thermal Conductivity of Cubic Mesoporous Silica Thin Films. , 2007, , 657.		0