

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	Label-free cell separation and sorting in microfluidic systems. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 3249-3267.	3.7	789
2	Deformability-based cell classification and enrichment using inertial microfluidics. <i>Lab on A Chip</i> , 2011, 11, 912.	6.0	486
3	High-throughput single-microparticle imaging flow analyzer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11630-11635.	7.1	333
4	Sheathless inertial cell ordering for extreme throughput flow cytometry. <i>Lab on A Chip</i> , 2010, 10, 274-280.	6.0	324
5	High-throughput size-based rare cell enrichment using microscale vortices. <i>Biomicrofluidics</i> , 2011, 5, 22206.	2.4	266
6	Automated cellular sample preparation using a Centrifuge-on-a-Chip. <i>Lab on A Chip</i> , 2011, 11, 2827.	6.0	247
7	Inertial focusing of non-spherical microparticles. <i>Applied Physics Letters</i> , 2011, 99, .	3.3	105
8	Label-Free Enrichment of Adrenal Cortical Progenitor Cells Using Inertial Microfluidics. <i>PLoS ONE</i> , 2012, 7, e46550.	2.5	48
9	Inertial Microfluidics Enabling Clinical Research. <i>Micromachines</i> , 2021, 12, 257.	2.9	29
10	Sequential multi-molecule delivery using vortex-assisted electroporation. <i>Lab on A Chip</i> , 2013, 13, 2764.	6.0	26
11	Recent Advances in Microscale Electroporation. <i>Chemical Reviews</i> , 2022, 122, 11247-11286.	47.7	22
12	Microscale Symmetrical Electroporator Array as a Versatile Molecular Delivery System. <i>Scientific Reports</i> , 2017, 7, 44757.	3.3	20
13	Inositol polyphosphate multikinase is a metformin target that regulates cell migration. <i>FASEB Journal</i> , 2019, 33, 14137-14146.	0.5	16
14	Towards an Integrated Chip-Scale Plasmonic Biosensor. <i>Optics and Photonics News</i> , 2011, 22, 32.	0.5	8
15	Intra-aneurysmal flow reductions in a thin film nitinol flow diverter. <i>Smart Materials and Structures</i> , 2011, 20, 055021.	3.5	8
16	Direct Drug Cocktail Analyses Using Microscale Vortex-Assisted Electroporation. <i>Analytical Chemistry</i> , 2014, 86, 10099-10105.	6.5	8
17	Sensitizing drug-resistant cancer cells from blood using microfluidic electroporator. <i>PLoS ONE</i> , 2022, 17, e0264907.	2.5	4
18	Real-time image processor for detection of rare cells and particles in flow at 37 MHz line scans per second. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
19	Pulsed laser triggered high speed fluorescence activated microfluidic switch. , 2010, , .		2
20	Microscale Vortex-assisted Electroporator for Sequential Molecular Delivery. Journal of Visualized Experiments, 2014, , e51702.	0.3	2
21	Microscale Laminar Vortices for High-Purity Extraction and Release of Circulating Tumor Cells. Methods in Molecular Biology, 2017, 1634, 65-79.	0.9	1
22	Engineering Innovations for Fundamental Biology and Translational Medicine. SLAS Technology, 2019, 24, 455-456.	1.9	1
23	Thermal Conductivity of Cubic Mesoporous Silica Thin Films. , 2007, , 657.		0
24	A novel hyper-elastic thin film nitinol covered stent significantly decreases intra-aneurysmal flow in vitro. , 2011, , .		0
25	Editorial for the Special Issue on Inertial Microfluidics. Micromachines, 2021, 12, 587.	2.9	0