

Maria Antfolk

List of Publications by Year in descending order

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19
papers

1,491
citations

567281

15
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1943
citing authors

#	ARTICLE	IF	CITATIONS
1	Confocal imaging dataset to assess endothelial cell orientation during extreme glucose conditions. <i>Scientific Data</i> , 2022, 9, 26.	5.3	1
2	Brain microvasculature endothelial cell orientation on micropatterned hydrogels is affected by glucose level variations. <i>Scientific Reports</i> , 2021, 11, 19608.	3.3	4
3	A bioengineering perspective on modelling the intestinal epithelial physiology in vitro. <i>Nature Communications</i> , 2020, 11, 6244.	12.8	20
4	A practical guide to microfabrication and patterning of hydrogels for biomimetic cell culture scaffolds. <i>Organs-on-a-Chip</i> , 2020, 2, 100003.	3.2	51
5	Acoustofluidic Blood Component Sample Preparation and Processing in Medical Applications. <i>Bioanalysis</i> , 2019, , 1-25.	0.1	3
6	Continuous flow microfluidic separation and processing of rare cells and bioparticles found in blood – A review. <i>Analytica Chimica Acta</i> , 2017, 965, 9-35.	5.4	153
7	Label-free single-cell separation and imaging of cancer cells using an integrated microfluidic system. <i>Scientific Reports</i> , 2017, 7, 46507.	3.3	70
8	Thousand-Fold Volumetric Concentration of Live Cells with a Recirculating Acoustofluidic Device. <i>Analytical Chemistry</i> , 2015, 87, 8497-8502.	6.5	39
9	In Vitro Blood – Brain Barrier Models – An Overview of Established Models and New Microfluidic Approaches. <i>Journal of Pharmaceutical Sciences</i> , 2015, 104, 2727-2746.	3.3	156
10	A single inlet two-stage acoustophoresis chip enabling tumor cell enrichment from white blood cells. <i>Lab on A Chip</i> , 2015, 15, 2102-2109.	6.0	92
11	Highly efficient single cell arraying by integrating acoustophoretic cell pre-concentration and dielectrophoretic cell trapping. <i>Lab on A Chip</i> , 2015, 15, 4356-4363.	6.0	41
12	Acoustofluidic, Label-Free Separation and Simultaneous Concentration of Rare Tumor Cells from White Blood Cells. <i>Analytical Chemistry</i> , 2015, 87, 9322-9328.	6.5	131
13	Variability in the precore and core promoter region of the hepatitis B virus genome. <i>Journal of Medical Virology</i> , 2014, 86, 437-445.	5.0	12
14	Acoustic actuated fluorescence activated sorting of microparticles. <i>Lab on A Chip</i> , 2014, 14, 1943-1950.	6.0	80
15	Focusing of sub-micrometer particles and bacteria enabled by two-dimensional acoustophoresis. <i>Lab on A Chip</i> , 2014, 14, 2791-2799.	6.0	124
16	Continuous Flow Two-Dimensional Acoustic Orientation of Nonspherical Cells. <i>Analytical Chemistry</i> , 2014, 86, 6111-6114.	6.5	47
17	Microchannel Acoustophoresis does not Impact Survival or Function of Microglia, Leukocytes or Tumor Cells. <i>PLoS ONE</i> , 2013, 8, e64233.	2.5	101
18	Microfluidic, Label-Free Enrichment of Prostate Cancer Cells in Blood Based on Acoustophoresis. <i>Analytical Chemistry</i> , 2012, 84, 7954-7962.	6.5	287

#	ARTICLE	IF	CITATIONS
19	Two-hundredfold volume concentration of dilute cell and particle suspensions using chip integrated multistage acoustophoresis. Lab on A Chip, 2012, 12, 4610.	6.0	79