

Rebecca Soffe

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8779694/publications.pdf>

Version: 2024-02-01

16
papers

480
citations

840119

11
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

834
citing authors

#	ARTICLE	IF	CITATIONS
1	Microfluidic platforms for biomarker analysis. <i>Lab on A Chip</i> , 2014, 14, 1496-1514.	3.1	116
2	Creation of Liquid Metal 3D Microstructures Using Dielectrophoresis. <i>Advanced Functional Materials</i> , 2015, 25, 4445-4452.	7.8	81
3	A multi-functional bubble-based microfluidic system. <i>Scientific Reports</i> , 2015, 5, 9942.	1.6	45
4	Towards Point-of-Care Insulin Detection. <i>ACS Sensors</i> , 2019, 4, 3-19.	4.0	41
5	Microfluidic Platforms for the Investigation of Intercellular Signalling Mechanisms. <i>Small</i> , 2014, 10, 4810-4826.	5.2	38
6	High Resolution Scanning Electron Microscopy of Cells Using Dielectrophoresis. <i>PLoS ONE</i> , 2014, 9, e104109.	1.1	27
7	Controlled Rotation and Vibration of Patterned Cell Clusters Using Dielectrophoresis. <i>Analytical Chemistry</i> , 2015, 87, 2389-2395.	3.2	24
8	Analysing calcium signalling of cells under high shear flows using discontinuous dielectrophoresis. <i>Scientific Reports</i> , 2015, 5, 11973.	1.6	18
9	Comparison of replica leaf surface materials for phyllosphere microbiology. <i>PLoS ONE</i> , 2019, 14, e0218102.	1.1	17
10	Lateral trapezoid microfluidic platform for investigating mechanotransduction of cells to spatial shear stress gradients. <i>Sensors and Actuators B: Chemical</i> , 2017, 251, 963-975.	4.0	16
11	Using dielectrophoresis to study the dynamic response of single budding yeast cells to Lyticase. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 3437-3448.	1.9	15
12	Concurrent shear stress and chemical stimulation of mechano-sensitive cells by discontinuous dielectrophoresis. <i>Biomicrofluidics</i> , 2016, 10, 024117.	1.2	9
13	Artâ€œnâ€œChip: Preserving Microfluidic Chips for Visualization and Permanent Display. <i>Small</i> , 2020, 16, e2002035.	5.2	9
14	Replicating Arabidopsis Model Leaf Surfaces for Phyllosphere Microbiology. <i>Scientific Reports</i> , 2019, 9, 14420.	1.6	8
15	Micropatterning of hybrid polydimethylsiloxane for replica leaves. <i>Japanese Journal of Applied Physics</i> , 2019, 58, SDDK01.	0.8	8
16	A hydrodynamic microchip for formation of continuous cell chains. <i>Applied Physics Letters</i> , 2014, 104, 203701.	1.5	3