Rebecca Soffe

List of Publications by Year
in descending order

16	480	840119 11	940134 16
papers	citations	h-index	g-index

19	19	19	834
all docs	docs citations	times ranked	citing authors

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