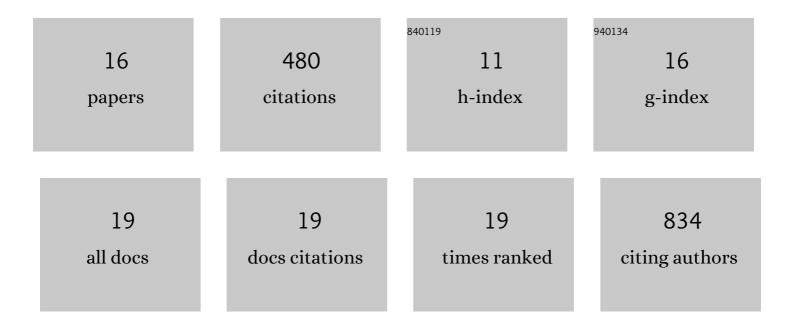
## Rebecca Soffe

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8779694/publications.pdf Version: 2024-02-01



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