

Hao Lin

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15
papers

409
citations

11
h-index

18
g-index

18
ext. papers

498
ext. citations

4.6
avg, IF

3.39
L-index

#	Paper	IF	Citations
15	Novel suction-based in vivo cutaneous DNA transfection platform. <i>Science Advances</i> , 2021 , 7, eabj0611	14.3	3
14	E and Gamma distributions in polygonal networks.. <i>Physical Review Research</i> , 2021 , 3,	3.9	2
13	Single-cell mechanical analysis and tension quantification via electrodeformation relaxation. <i>Physical Review E</i> , 2021 , 103, 032409	2.4	1
12	The effects of electroporation buffer composition on cell viability and electro-transfection efficiency. <i>Scientific Reports</i> , 2020 , 10, 3053	4.9	25
11	Coherent Timescales and Mechanical Structure of Multicellular Aggregates. <i>Biophysical Journal</i> , 2018 , 114, 2703-2716	2.9	14
10	Morphological bubble evolution induced by air diffusion on submerged hydrophobic structures. <i>Physics of Fluids</i> , 2017 , 29, 032001	4.4	12
9	Hydrodynamically controlled cell rotation in an electroporation microchip to circumferentially deliver molecules into single cells. <i>Microfluidics and Nanofluidics</i> , 2016 , 20, 1	2.8	11
8	Transport, resealing, and re-poration dynamics of two-pulse electroporation-mediated molecular delivery. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2015 , 1848, 1706-14	3.8	36
7	Ellipsoidal Relaxation of Deformed Vesicles. <i>Physical Review Letters</i> , 2015 , 115, 128303	7.4	31
6	Nanoscale characterization of PM2.5 airborne pollutants reveals high adhesiveness and aggregation capability of soot particles. <i>Scientific Reports</i> , 2015 , 5, 11232	4.9	49
5	Morphology of gas cavities on patterned hydrophobic surfaces under reduced pressure. <i>Physics of Fluids</i> , 2015 , 27, 092003	4.4	24
4	Scaling relationship and optimization of double-pulse electroporation. <i>Biophysical Journal</i> , 2014 , 106, 801-12	2.9	20
3	Metastable states and wetting transition of submerged superhydrophobic structures. <i>Physical Review Letters</i> , 2014 , 112, 196101	7.4	144
2	A transient solution for vesicle electrodeformation and relaxation. <i>Physics of Fluids</i> , 2013 , 25, 071903	4.4	19
1	Finite sample effect in temperature gradient focusing. <i>Lab on A Chip</i> , 2008 , 8, 969-78	7.2	18