Liang-Liang Fan

List of Publications by Year
in descending order

15	167	1163117 8	1125743 13
papers	citations	h-index	g-index

15	15	15	182
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Efficient microfluidic enrichment of nanoâ€submicroparticle in viscoelastic fluid. Electrophoresis, 2021, 42, 2273-2280.	2.4	7
2	Enhancement of passive mixing via arc microchannel with sharp corner structure. Journal of Micromechanics and Microengineering, 2021, 31, 055009.	2.6	8
3	The formation of droplet encapsulating particles in a Y-typed microchannel. Measurement: Sensors, 2021, 14, 100039.	1.7	0
4	Formation and capture of droplet with high volume ratio of cell to droplet. Journal of Micromechanics and Microengineering, 2021, 31, 085004.	2.6	1
5	Continuous elasto-inertial separation of microparticles using a co-flowing Newtonian-viscoelastic fluid system. Journal of Micromechanics and Microengineering, 2020, 30, 015005.	2.6	4
6	Enhanced viscoelastic focusing of particle in microchannel. Electrophoresis, 2020, 41, 973-982.	2.4	8
7	Continuous sheath-free focusing of microparticles in viscoelastic and Newtonian fluids. Microfluidics and Nanofluidics, 2019, 23, 1.	2.2	9
8	A passive microfluidic device for continuous microparticle enrichment. Electrophoresis, 2019, 40, 1000-1009.	2.4	7
9	Single particle train ordering in microchannel based on inertial and vortex effects. Journal of Micromechanics and Microengineering, 2018, 28, 065011.	2.6	12
10	Rapid microfluidic mixer utilizing sharp corner structures. Microfluidics and Nanofluidics, 2017, 21, 1.	2.2	24
11	Inertial particle focusing in microchannels with gradually changing geometrical structures. Journal of Micromechanics and Microengineering, 2017, 27, 015027.	2.6	11
12	Numerical simulation on the flow and heat transfer characteristics in the one-side heating helically coiled tubes. Applied Thermal Engineering, 2016, 106, 579-587.	6.0	27
13	Continuous 3D particle focusing in a microchannel with curved and symmetric sharp corner structures. Journal of Micromechanics and Microengineering, 2015, 25, 035020.	2.6	14
14	Continuous size-based separation of microparticles in a microchannel with symmetric sharp corner structures. Biomicrofluidics, 2014, 8, 024108.	2.4	19
15	High-throughput, single-stream microparticle focusing using a microchannel with asymmetric sharp corners. Microfluidics and Nanofluidics, 2014, 17, 639-646.	2.2	16