Ivo Leibacher

List of Publications by Year
in descending order

14	610	933447 10	1199594 12
papers	citations	h-index	g-index

14	14	14	818
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microfluidic droplet handling by bulk acoustic wave (BAW) acoustophoresis. Lab on A Chip, 2015, 15, 2896-2905.	6.0	136
2	Numerical simulation of acoustofluidic manipulation by radiation forces and acoustic streaming for complex particles. Lab on A Chip, 2015, 15, 4302-4313.	6.0	85
3	Impedance matched channel walls in acoustofluidic systems. Lab on A Chip, 2014, 14, 463-470.	6.0	72
4	Acoustofluidics 19: Ultrasonic microrobotics in cavities: devices and numerical simulation. Lab on A Chip, 2012, 12, 4010.	6.0	59
5	Acoustophoretic cell and particle trapping on microfluidic sharp edges. Microfluidics and Nanofluidics, 2015, 19, 923-933.	2.2	58
6	Tandem emulsification for high-throughput production of double emulsions. Lab on A Chip, 2017, 17, 936-942.	6.0	57
7	Acoustofluidics 6: Experimental characterization of ultrasonic particle manipulation devices. Lab on A Chip, 2012, 12, 852.	6.0	38
8	Acoustophoresis of disk-shaped microparticles: A numerical and experimental study of acoustic radiation forces and torques. Journal of the Acoustical Society of America, 2015, 138, 2759-2769.	1.1	36
9	Multibody dynamics in acoustophoresis. Journal of the Acoustical Society of America, 2017, 141, 1664-1674.	1.1	35
10	Acoustophoresis of hollow and core-shell particles in two-dimensional resonance modes. Microfluidics and Nanofluidics, 2014, 16, 513-524.	2.2	28
11	Temperature Controlled Viscosity and Density Measurements on a Microchip with High Resolution and Low Cost. Procedia Engineering, 2011, 25, 587-590.	1.2	3
12	Experimental Characterization of Ultrasonic Particle Manipulation Devices. , 2014, , 520-544.		2
13	Acoustophoresis of Disks. Physics Procedia, 2015, 70, 21-24.	1.2	1
14	Pattern Formation of Full, Hollow and Core-Shell Particles in Two-Dimensional Acoustophoresis. , 0, , .		0