

# Ivo Leibacher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5932889/publications.pdf>

Version: 2024-02-01

14  
papers

610  
citations

933447

10  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

818  
citing authors

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