

Yuejun Zhao

List of Publications by Year in descending order

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15
papers

769
citations

1040056

9
h-index

1474206

9
g-index

16
all docs

16
docs citations

16
times ranked

930
citing authors

#	ARTICLE	IF	CITATIONS
1	Planar jumping-drop thermal diodes. Applied Physics Letters, 2011, 99, .	3.3	195
2	Concentration and binary separation of micro particles for droplet-based digital microfluidics. Lab on A Chip, 2007, 7, 490.	6.0	159
3	Microparticle sampling by electrowetting-actuated droplet sweeping. Lab on A Chip, 2006, 6, 137-144.	6.0	89
4	Efficient in-droplet separation of magnetic particles for digital microfluidics. Journal of Micromechanics and Microengineering, 2007, 17, 2148-2156.	2.6	84
5	Micro air bubble manipulation by electrowetting on dielectric (EWOD): transporting, splitting, merging and eliminating of bubbles. Lab on A Chip, 2007, 7, 273-280.	6.0	72
6	Microparticle Concentration and Separation by Traveling-Wave Dielectrophoresis (twDEP) for Digital Microfluidics. Journal of Microelectromechanical Systems, 2007, 16, 1472-1481.	2.5	61
7	Droplet manipulation and microparticle sampling on perforated microfilter membranes. Journal of Micromechanics and Microengineering, 2008, 18, 025030.	2.6	32
8	On-chip creation and elimination of microbubbles for a micro-object manipulator. Journal of Micromechanics and Microengineering, 2008, 18, 095009.	2.6	30
9	Thermocapillary actuation of binary drops on solid surfaces. Applied Physics Letters, 2011, 99, .	3.3	30
10	Micro bubble fluidics by EWOD and ultrasonic excitation for micro bubble tweezers. , 2007, , .		6
11	Highly efficient in-droplet particle concentration and separation by twDEP and EWOD for digital microfluidics. , 2007, , .		4
12	A micro particle sampler using electrowetting-actuated droplet sweeping. , 0, , .		3
13	Micro bubble manipulation towards single cell handling tool. , 2005, , .		2
14	In-Droplet Magnetic Beads Concentration and Separation for Digital Microfluidics. , 2007, , .		2
15	Opening Ratio Effect on Electrowetting Droplet Actuation on Perforated Membranes. , 2009, , .		0