

Ian Gralinski

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11111141/publications.pdf>

Version: 2024-02-01

13
papers

205
citations

1478505

6
h-index

1281871

11
g-index

13
all docs

13
docs citations

13
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous flow ultrasonic particle trapping in a glass capillary. Journal of Applied Physics, 2014, 115, .	2.5	25
2	Nanoscale Environment Sensing Scheme with Brownian Nanorod and Plasmon Resonator. Plasmonics, 2014, 9, 367-374.	3.4	1
3	Separation of particles using acoustic streaming and radiation forces in an open microfluidic channel. Microfluidics and Nanofluidics, 2014, 17, 879-890.	2.2	84
4	Selective particle and cell clustering at air-liquid interfaces within ultrasonic microfluidic systems. Microfluidics and Nanofluidics, 2013, 14, 469-477.	2.2	32
5	Ultrasonic manipulation of particles in an open fluid film. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2013, 60, 1964-1970.	3.0	5
6	Non-contact acoustic trapping in circular cross-section glass capillaries: A numerical study. Journal of the Acoustical Society of America, 2012, 132, 2978-2987.	1.1	12
7	Finite element modeling of free surface particle clustering. , 2012, , .		0
8	Particle trapping in a capillary tube. , 2012, , .		0
9	Nanoparticle manipulation within a microscale acoustofluidic droplet. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	14
10	Particle manipulation using an ultrasonic micro-gripper. Applied Physics Letters, 2012, 101, 163504.	3.3	20
11	Brownian rod scheme in microenvironment sensing. AIP Advances, 2012, 2, .	1.3	3
12	Tailored leaky plasmon waves from a subwavelength aperture for optical particle trapping on a chip. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 602.	2.1	5
13	Sorting of Brownian rods by the use of an asymmetric potential. Journal of Chemical Physics, 2011, 134, 064514.	3.0	4