

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