

Prateek Benhal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5704087/publications.pdf>

Version: 2024-02-01

10
papers

181
citations

1307366

7
h-index

1474057

9
g-index

10
all docs

10
docs citations

10
times ranked

211
citing authors

#	ARTICLE	IF	CITATIONS
1	AC electric field induced dipole-based on-chip 3D cell rotation. Lab on A Chip, 2014, 14, 2717-2727.	3.1	91
2	Insulator Based Dielectrophoresis: Micro, Nano, and Molecular Scale Biological Applications. Sensors, 2020, 20, 5095.	2.1	23
3	Toxicology study for magnetic injection of prednisolone into the rat cochlea. European Journal of Pharmaceutical Sciences, 2019, 126, 33-48.	1.9	17
4	Magnetic bio-hybrid micro actuators. Nanoscale, 2022, 14, 4364-4379.	2.8	14
5	Propulsion of magnetically actuated achiral planar microswimmers in Newtonian and non-Newtonian fluids. Scientific Reports, 2021, 11, 21190.	1.6	10
6	On-chip testing of the speed of magnetic nano- and micro-particles under a calibrated magnetic gradient. Journal of Magnetism and Magnetic Materials, 2019, 474, 187-198.	1.0	9
7	Multiple-Cylindrical Electrode System for Rotational Electric Field Generation in Particle Rotation Applications. International Journal of Advanced Robotic Systems, 2015, 12, 84.	1.3	7
8	Magnetic Delivery of Therapy to the Cochlea. Hearing Journal, 2017, 70, 14,16,20.	0.1	4
9	Propulsion kinematics of achiral microswimmers in viscous fluids. Applied Physics Letters, 2021, 118, .	1.5	4
10	System identification and stochastic estimation of dielectric properties of a spherical particle using AC-induced electro-rotation. , 2015, , .		2