

Shubhi Bansal

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

161
citations

1307594

7
h-index

1588992

8
g-index

11
all docs

11
docs citations

11
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabricating and Assembling Acoustic Metamaterials and Phononic Crystals. <i>Advanced Engineering Materials</i> , 2021, 23, 2000988.	3.5	34
2	Mixing enhancement by degenerate modes in electrically actuated sessile droplets. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 318-326.	7.8	26
3	Axisymmetric and Nonaxisymmetric Oscillations of Sessile Compound Droplets in an Open Digital Microfluidic Platform. <i>Langmuir</i> , 2017, 33, 11047-11058.	3.5	25
4	Effect of electrowetting induced capillary oscillations on coalescence of compound droplets. <i>Journal of Colloid and Interface Science</i> , 2018, 530, 223-232.	9.4	18
5	Electrically Induced Liquid Metal Droplet Bouncing. <i>Langmuir</i> , 2022, 38, 6996-7004.	3.5	16
6	A Microfluidic Acoustic Metamaterial using Electrowetting: Enabling Active Broadband Tunability. <i>Advanced Materials Technologies</i> , 2021, 6, 2100491.	5.8	12
7	HapBead: On-Skin Microfluidic Haptic Interface using Tunable Bead. , 2020, , .		12
8	Electrowetting based local sensing of liquid properties using relaxation dynamics of stretched liquid interface. <i>Journal of Colloid and Interface Science</i> , 2020, 568, 8-15.	9.4	10
9	Fabricating and Assembling Acoustic Metamaterials and Phononic Crystals. <i>Advanced Engineering Materials</i> , 2021, 23, 2170008.	3.5	7
10	Frequency response of a liquid interface segment actuated using AC EWOD. , 2016, , .		1
11	On-Chip Magnetic Bead and Nanoparticle Separation in Compound Droplet EWOD. , 2018, , .		0