

Shubhi Bansal

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

161
citations

1307594

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1588992

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11
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11
times ranked

106
citing authors

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