Deasung Jang

List of Publications by Year
in descending order

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11 papers	185 citations	1684188 5 h-index	1588992 8 g-index
11 all docs	11 docs citations	11 times ranked	234 citing authors

#	Article	IF	Citations
1	Switchable liquid shutter operated by electrowetting for security of mobile electronics. Review of Scientific Instruments, 2021, 92, 055009.	1.3	2
2	Bubble removal by electric and acoustic actuation for heat transfer enhancement. AIP Advances, 2021, 11, .	1.3	5
3	Acoustic Bubble-Induced Microstreaming for Biochemical Droplet Mixing Enhancement in Electrowetting (EW) Microfluidic Platforms. Journal of Microelectromechanical Systems, 2021, 30, 783-790.	2.5	5
4	SAW-driven self-cleaning drop free glass for automotive sensors. Journal of Micromechanics and Microengineering, 2021, 31, 125007.	2.6	9
5	Acoustic bubble-based drug manipulation: Carrying, releasing and penetrating for targeted drug delivery using an electromagnetically actuated microrobot. Sensors and Actuators A: Physical, 2020, 306, 111973.	4.1	52
6	Physical cleaning technology for semiconductor chips using arrays of acoustically oscillating bubbles. , 2019, , .		1
7	Optothermally pulsating microbubble-mediated micro-energy harvesting in underwater medium. Review of Scientific Instruments, 2019, 90, 095004.	1.3	2
8	Targeted drug delivery technology using untethered microrobots: a review. Journal of Micromechanics and Microengineering, 2019, 29, 053002.	2.6	78
9	Acoustic bubble-powered miniature rotor for wireless energy harvesting in a liquid medium. Sensors and Actuators A: Physical, 2018, 276, 296-303.	4.1	20
10	Target drug delivery technology (Carrying, releasing, penetrating) using acoustic bubbles embedded in an electromagnetically driven microrobot. , 2018, , .		9
11	Underwater energy harvesting technology utilizing an optothermally pulsating microbubble. , 2018, , .		2