

Deasung Jang

List of Publications by Year in descending order

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Version: 2024-02-01

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	Targeted drug delivery technology using untethered microrobots: a review. Journal of Micromechanics and Microengineering, 2019, 29, 053002.	2.6	78
2	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
3	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
4	Target drug delivery technology (Carrying, releasing, penetrating) using acoustic bubbles embedded in an electromagnetically driven microrobot. , 2018, , .		9
5	SAW-driven self-cleaning drop free glass for automotive sensors. Journal of Micromechanics and Microengineering, 2021, 31, 125007.	2.6	9
6	Bubble removal by electric and acoustic actuation for heat transfer enhancement. AIP Advances, 2021, 11, .	1.3	5
7	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
8	Underwater energy harvesting technology utilizing an optothermally pulsating microbubble. , 2018, , .		2
9	Optothermally pulsating microbubble-mediated micro-energy harvesting in underwater medium. Review of Scientific Instruments, 2019, 90, 095004.	1.3	2
10	Switchable liquid shutter operated by electrowetting for security of mobile electronics. Review of Scientific Instruments, 2021, 92, 055009.	1.3	2
11	Physical cleaning technology for semiconductor chips using arrays of acoustically oscillating bubbles. , 2019, , .		1