

Umar Farooq

List of Publications by Year in descending order

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7
papers

135
citations

1684188

5
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

200
citing authors

#	ARTICLE	IF	CITATIONS
1	Non-Cavitation Targeted Microbubble-Mediated Single-Cell Sonoporation. <i>Micromachines</i> , 2022, 13, 113.	2.9	4
2	High-Performance, Mechanically and Thermally Compliant Silica-Based Solid Polymer Electrolyte for Triboelectric Nanogenerators Application. <i>Advanced Materials Technologies</i> , 2020, 5, 2000303.	5.8	13
3	Cell Lysis Based on an Oscillating Microbubble Array. <i>Micromachines</i> , 2020, 11, 288.	2.9	18
4	Stretchable Optical Sensing Patch System Integrated Heart Rate, Pulse Oxygen Saturation, and Sweat pH Detection. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 1000-1005.	4.2	28
5	Surface-Acoustic-Wave-Based Lab-on-a-Chip for Rapid Transport of Cryoprotectants across Cell Membrane for Cryopreservation with Significantly Improved Cell Viability. <i>Small</i> , 2019, 15, e1805361.	10.0	17
6	Droplet movement control using fuzzy logic controller and image processing along with pin valves inside microfluidic device. <i>Measurement and Control</i> , 2019, 52, 1517-1531.	1.8	6
7	Flexible surface acoustic wave strain sensor based on single crystalline LiNbO ₃ thin film. <i>Applied Physics Letters</i> , 2018, 112, .	3.3	49