

Ardi Wiranata

List of Publications by Year in descending order

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14
papers

108
citations

1684188

5
h-index

1588992

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14
all docs

14
docs citations

14
times ranked

25
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft Robotic Gripper Based on Multi-Layers of Dielectric Elastomer Actuators. Journal of Robotics and Mechatronics, 2021, 33, 968-974.	1.0	26
2	Eccentric actuator driven by stacked electrohydrodynamic pumps. Journal of Zhejiang University: Science A, 2022, 23, 329-334.	2.4	24
3	Simple and Reliable Fabrication Method for Polydimethylsiloxane Dielectric Elastomer Actuators Using Carbon Nanotube Powder Electrodes. Advanced Engineering Materials, 2021, 23, 2001181.	3.5	22
4	A Deformable Linear Dielectric Elastomer Actuator. Key Engineering Materials, 0, 884, 430-436.	0.4	8
5	High-Frequency, low-voltage oscillations of dielectric elastomer actuators. Applied Physics Express, 2022, 15, 011002.	2.4	8
6	A DIY Fabrication Approach of Stretchable Sensors Using Carbon Nano Tube Powder for Wearable Device. Frontiers in Robotics and AI, 2021, 8, 773056.	3.2	8
7	A DIY Fabrication Approach for Ultra-Thin Focus-Tunable Liquid Lens Using Electrohydrodynamic Pump. Micromachines, 2021, 12, 1452.	2.9	5
8	Electromechanical tensile test equipment for stretchable conductive materials. HardwareX, 2022, 11, e00287.	2.2	3
9	Dynamic characteristics of a dielectric elastomer actuator fabricated using a stretchable CNT powder electrode. , 2021, , .		2
10	Experimental study on the effect of surface temperature and Weber number to spreading ratio of multiple droplets on a horizontal surface. AIP Conference Proceedings, 2016, , .	0.4	1
11	The Implementation of Fast Fourier Transform and Coherence Function to Detect the Millimetric Hole on Strip Iron Plate. Key Engineering Materials, 0, 840, 430-437.	0.4	1
12	Study on the heat transfer improvement of double pipe concentric heat exchanger enhancement using twisted tape and nanofluids. AIP Conference Proceedings, 2018, , .	0.4	0
13	Improvement performance of the double-concentric pipes heat exchanger using twisted tape insertions and nanofluids TiO ₂ /TermoXT 32. AIP Conference Proceedings, 2018, , .	0.4	0
14	Experimental study on the effect of multiple droplet frequency and Weber number to spreading ratio of multiple droplets on a horizontal surface. , 2016, , .		0