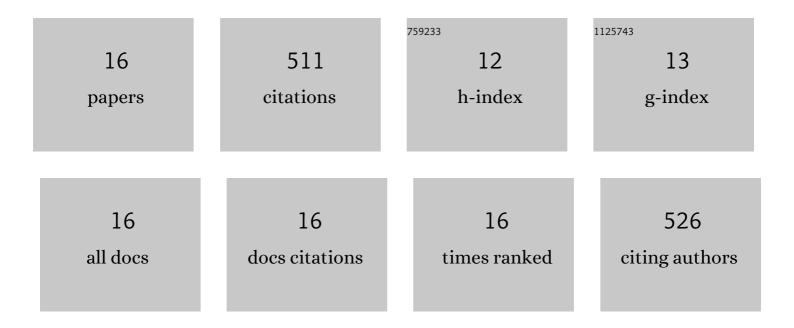
Jimin Gu

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11159131/publications.pdf Version: 2024-02-01



IDMINI CU

#	Article	IF	CITATIONS
1	A Review of Recent Advances in Electrically Driven Polymerâ€Based Flexible Actuators: Smart Materials, Structures, and Their Applications. Advanced Materials Technologies, 2022, 7, .	5.8	24
2	Allâ€Recyclable Triboelectric Nanogenerator for Sustainable Ocean Monitoring Systems. Advanced Energy Materials, 2022, 12, .	19.5	26
3	Ultraâ€Wide Range Pressure Sensor Based on a Microstructured Conductive Nanocomposite for Wearable Workout Monitoring. Advanced Healthcare Materials, 2021, 10, e2001461.	7.6	33
4	Morphology-controllable wrinkled hierarchical structure and its application to superhydrophobic triboelectric nanogenerator. Nano Energy, 2021, 85, 105978.	16.0	54
5	Biocompatible Nanotransfer Printing Based on Water Bridge Formation in Hyaluronic Acid and Its Application to Smart Contact Lenses. ACS Applied Materials & Interfaces, 2021, 13, 35069-35078.	8.0	10
6	Sensitivity-Controllable Liquid-Metal-Based Pressure Sensor for Wearable Applications. ACS Applied Electronic Materials, 2021, 3, 4027-4036.	4.3	23
7	Self-powered strain sensor based on the piezo-transmittance of a mechanical metamaterial. Nano Energy, 2021, 89, 106447.	16.0	30
8	Biopsy needle integrated with multi-modal physical/chemical sensor array. Biosensors and Bioelectronics, 2020, 148, 111822.	10.1	19
9	Wearable Strain Sensors Using Light Transmittance Change of Carbon Nanotube-Embedded Elastomers with Microcracks. ACS Applied Materials & Interfaces, 2020, 12, 10908-10917.	8.0	64
10	Synergetic Effect of Porous Elastomer and Percolation of Carbon Nanotube Filler toward High Performance Capacitive Pressure Sensors. ACS Applied Materials & Interfaces, 2020, 12, 1698-1706.	8.0	113
11	Microdome-Induced Strain Localization for Biaxial Strain Decoupling toward Stretchable and Wearable Human Motion Detection. Langmuir, 2020, 36, 8939-8946.	3.5	26
12	Microscale Biosensor Array Based on Flexible Polymeric Platform toward Lab-on-a-Needle: Real-Time Multiparameter Biomedical Assays on Curved Needle Surfaces. ACS Sensors, 2020, 5, 1363-1373.	7.8	37
13	Wearable self-powered pressure sensor by integration of piezo-transmittance microporous elastomer with organic solar cell. Nano Energy, 2020, 74, 104749.	16.0	49
14	Stretchable fabric heater based on silver nanowire, carbon nanotube composites. , 2019, , .		0
15	Strain Sensor Based on Optical Intensity Change Through the Carbon Nanotube Embedded Elastomer. , 2019, , .		2
16	Optical type strain sensor based on variable-transmittance of carbon nanotube embedded elastomer thin film. , 2018, , .		1