

Morteza Amjadi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8573243/publications.pdf>

Version: 2024-02-01

26
papers

6,738
citations

516215

16
h-index

752256

20
g-index

27
all docs

27
docs citations

27
times ranked

8158
citing authors

#	ARTICLE	IF	CITATIONS
1	Unidirectional, highly linear strain sensors with thickness-engineered conductive films for precision control of soft machines. <i>Journal of Materials Chemistry A</i> , 2022, 10, 13673-13684.	5.2	13
2	A Review of Recent Advances in Electrically Driven Polymer-Based Flexible Actuators: Smart Materials, Structures, and Their Applications. <i>Advanced Materials Technologies</i> , 2022, 7, .	3.0	24
3	Ultra-Wide Range Pressure Sensor Based on a Microstructured Conductive Nanocomposite for Wearable Workout Monitoring. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001461.	3.9	33
4	Dynamic thermoelectromechanical characterization of carbon nanotube nanocomposite strain sensors. <i>Sensors and Actuators A: Physical</i> , 2021, 332, 113122.	2.0	13
5	Wearable and Stretchable Strain Sensors: Materials, Sensing Mechanisms, and Applications. <i>Advanced Intelligent Systems</i> , 2020, 2, 2000039.	3.3	327
6	Highly stretchable and sensitive strain sensors based on carbon nanotube-elastomer nanocomposites: the effect of environmental factors on strain sensing performance. <i>Journal of Materials Chemistry C</i> , 2020, 8, 6185-6195.	2.7	60
7	Wide Range-Sensitive, Bending-Insensitive Pressure Detection and Application to Wearable Healthcare Device. , 2019, , .		2
8	Wearable, Ultrawide-Range, and Bending-Insensitive Pressure Sensor Based on Carbon Nanotube Network-Coated Porous Elastomer Sponges for Human Interface and Healthcare Devices. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23639-23648.	4.0	155
9	Recent Advances in Wearable Transdermal Delivery Systems. <i>Advanced Materials</i> , 2018, 30, 1704530.	11.1	151
10	Self-Sensing Paper Actuators Based on Graphite-Carbon Nanotube Hybrid Films. <i>Advanced Science</i> , 2018, 5, 1800239.	5.6	147
11	Bioinspired Composite Microfibers for Skin Adhesion and Signal Amplification of Wearable Sensors. <i>Advanced Materials</i> , 2017, 29, 1701353.	11.1	208
12	Microfibers: Bioinspired Composite Microfibers for Skin Adhesion and Signal Amplification of Wearable Sensors (<i>Adv. Mater.</i> 28/2017). <i>Advanced Materials</i> , 2017, 29, .	11.1	0
13	Recent Advances in Skin Penetration Enhancers for Transdermal Gene and Drug Delivery. <i>Current Gene Therapy</i> , 2017, 17, 139-146.	0.9	44
14	Stretchable, Skin-Mountable, and Wearable Strain Sensors and Their Potential Applications: A Review. <i>Advanced Functional Materials</i> , 2016, 26, 1678-1698.	7.8	2,340
15	Thin Circular Diamond Membrane with Embedded Nitrogen-Vacancy Centers for Hybrid Spin-Mechanical Quantum Systems. <i>Physical Review Applied</i> , 2016, 6, .	1.5	25
16	High-Performance Multiresponsive Paper Actuators. <i>ACS Nano</i> , 2016, 10, 10202-10210.	7.3	184
17	Parallel Microcracks-based Ultrasensitive and Highly Stretchable Strain Sensors. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 5618-5626.	4.0	267
18	Computational analysis of metallic nanowire-elastomer nanocomposite based strain sensors. <i>AIP Advances</i> , 2015, 5, 117233.	0.6	16

#	ARTICLE	IF	CITATIONS
19	Carbon nanotubes-ecoflex nanocomposite for strain sensing with ultra-high stretchability. , 2015, , .		11
20	Finger motion detection glove toward human-machine interface. , 2015, , .		3
21	Ultra-stretchable and skin-mountable strain sensors using carbon nanotubesâ€Ecoflex nanocomposites. Nanotechnology, 2015, 26, 375501.	1.3	646
22	Sensitive and stable strain sensors based on the wavy structured electrodes. , 2014, , .		5
23	Flexible and sensitive foot pad for sole distributed force detection. , 2014, , .		6
24	Highly Stretchable and Sensitive Strain Sensor Based on Silver Nanowireâ€Elastomer Nanocomposite. ACS Nano, 2014, 8, 5154-5163.	7.3	1,957
25	Ag@Ni Coreâ€Shell Nanowire Network for Robust Transparent Electrodes Against Oxidation and Sulfurization. Small, 2014, 10, 4171-4181.	5.2	89
26	Piezoresistivity of AC NWS-PDMS nanocomposite. , 2014, , .		10