

Ying Jiang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/300452/publications.pdf>

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23
papers

2,225
citations

394286

19
h-index

642610

23
g-index

23
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23
docs citations

23
times ranked

3273
citing authors

#	ARTICLE	IF	CITATIONS
1	Auxetic Mechanical Metamaterials to Enhance Sensitivity of Stretchable Strain Sensors. <i>Advanced Materials</i> , 2018, 30, e1706589.	11.1	349
2	Plasticizing Silk Protein for On-Skin Stretchable Electrodes. <i>Advanced Materials</i> , 2018, 30, e1800129.	11.1	230
3	Surface Strain Redistribution on Structured Microfibers to Enhance Sensitivity of Fiber-Shaped Stretchable Strain Sensors. <i>Advanced Materials</i> , 2018, 30, 1704229.	11.1	208
4	High-Adhesion Stretchable Electrodes Based on Nanopile Interlocking. <i>Advanced Materials</i> , 2017, 29, 1603382.	11.1	168
5	Honeycomb-Lantern-Inspired 3D Stretchable Supercapacitors with Enhanced Specific Areal Capacitance. <i>Advanced Materials</i> , 2018, 30, e1805468.	11.1	152
6	Highly Stretchable, Compliant, Polymeric Microelectrode Arrays for In Vivo Electrophysiological Interfacing. <i>Advanced Materials</i> , 2017, 29, 1702800.	11.1	144
7	An Artificial Somatic Reflex Arc. <i>Advanced Materials</i> , 2020, 32, e1905399.	11.1	126
8	Highly Stable and Stretchable Conductive Films through Thermal-Radiation-Assisted Metal Encapsulation. <i>Advanced Materials</i> , 2019, 31, e1901360.	11.1	96
9	3D-Structured Stretchable Strain Sensors for Out-of-Plane Force Detection. <i>Advanced Materials</i> , 2018, 30, e1707285.	11.1	86
10	A Compliant Ionic Adhesive Electrode with Ultralow Bioelectronic Impedance. <i>Advanced Materials</i> , 2020, 32, e2003723.	11.1	86
11	Bioinspired, Microstructured Silk Fibroin Adhesives for Flexible Skin Sensors. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 5601-5609.	4.0	83
12	Mechanocombinatorially Screening Sensitivity of Stretchable Strain Sensors. <i>Advanced Materials</i> , 2019, 31, e1903130.	11.1	82
13	An On-Skin Electrode with Anti-Epidermal-Surface-Lipid Function Based on a Zwitterionic Polymer Brush. <i>Advanced Materials</i> , 2020, 32, e2001130.	11.1	74
14	High-Transconductance Stretchable Transistors Achieved by Controlled Gold Microcrack Morphology. <i>Advanced Electronic Materials</i> , 2019, 5, 1900347.	2.6	70
15	Mechano-regulated metal-organic framework nanofilm for ultrasensitive and anti-jamming strain sensing. <i>Nature Communications</i> , 2018, 9, 3813.	5.8	57
16	Heterogeneous Strain Distribution of Elastomer Substrates To Enhance the Sensitivity of Stretchable Strain Sensors. <i>Accounts of Chemical Research</i> , 2019, 52, 82-90.	7.6	52
17	Locally coupled electromechanical interfaces based on cytoadhesion-inspired hybrids to identify muscular excitation-contraction signatures. <i>Nature Communications</i> , 2020, 11, 2183.	5.8	47
18	Pangolin-Inspired Stretchable, Microwave-Invisible Metascale. <i>Advanced Materials</i> , 2021, 33, e2102131.	11.1	40

#	ARTICLE	IF	CITATIONS
19	A Mechanically Interlocking Strategy Based on Conductive Microbridges for Stretchable Electronics. <i>Advanced Materials</i> , 2022, 34, e2101339.	11.1	35
20	Sliding Cyclodextrin Molecules along Polymer Chains to Enhance the Stretchability of Conductive Composites. <i>Small</i> , 2022, 18, e2200533.	5.2	15
21	Differential Homeostasis of Sessile and Pendant Epithelium Reconstituted in a 3D-Printed "GeminiChip". <i>Advanced Materials</i> , 2019, 31, e1900514.	11.1	12
22	Assemblies and composites of gold nanostructures for functional devices. <i>Aggregate</i> , 2022, 3, e57.	5.2	10
23	Artificial Visual Electronics for Closed-Loop Sensation/Action Systems. <i>Advanced Intelligent Systems</i> , 2021, 3, 2100071.	3.3	3