

Ke He

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8108524/publications.pdf>

Version: 2024-02-01

15
papers

2,149
citations

706676

14
h-index

1113639

15
g-index

15
all docs

15
docs citations

15
times ranked

3595
citing authors

#	ARTICLE	IF	CITATIONS
1	Assemblies and composites of gold nanostructures for functional devices. <i>Aggregate</i> , 2022, 3, e57.	5.2	10
2	Artificial Neural Pathway Based on a Memristor Synapse for Optically Mediated Motion Learning. <i>ACS Nano</i> , 2022, 16, 9691-9700.	7.3	47
3	Artificial Skin Perception. <i>Advanced Materials</i> , 2021, 33, e2003014.	11.1	203
4	Fusing Stretchable Sensing Technology with Machine Learning for Human-Machine Interfaces. <i>Advanced Functional Materials</i> , 2021, 31, 2008807.	7.8	84
5	A Morphable Ionic Electrode Based on Thermogel for Non-Invasive Hairy Plant Electrophysiology. <i>Advanced Materials</i> , 2021, 33, e2007848.	11.1	51
6	Conformal electrodes for on-skin digitalization. <i>SmartMat</i> , 2021, 2, 252-262.	6.4	28
7	An Artificial Somatic Reflex Arc. <i>Advanced Materials</i> , 2020, 32, e1905399.	11.1	126
8	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
9	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
10	Gesture recognition using a bioinspired learning architecture that integrates visual data with somatosensory data from stretchable sensors. <i>Nature Electronics</i> , 2020, 3, 563-570.	13.1	298
11	Mechanically Interlocked Hydrogel-Elastomer Hybrids for On-skin Electronics. <i>Advanced Functional Materials</i> , 2020, 30, 1909540.	7.8	120
12	Tactile Chemomechanical Transduction Based on an Elastic Microstructured Array to Enhance the Sensitivity of Portable Biosensors. <i>Advanced Materials</i> , 2019, 31, e1803883.	11.1	45
13	Nature-Inspired Structural Materials for Flexible Electronic Devices. <i>Chemical Reviews</i> , 2017, 117, 12893-12941.	23.0	578
14	Stretchable Motion Memory Devices Based on Mechanical Hybrid Materials. <i>Advanced Materials</i> , 2017, 29, 1701780.	11.1	68
15	3D Printed Photoresponsive Devices Based on Shape Memory Composites. <i>Advanced Materials</i> , 2017, 29, 1701627.	11.1	370