

Sung-Hyuk Sunwoo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11885630/publications.pdf>

Version: 2024-02-01

13
papers

720
citations

759055

12
h-index

996849

15
g-index

16
all docs

16
docs citations

16
times ranked

440
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly conductive and elastic nanomembrane for skin electronics. <i>Science</i> , 2021, 373, 1022-1026.	6.0	186
2	Wearable and Implantable Soft Bioelectronics: Device Designs and Material Strategies. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2021, 12, 359-391.	3.3	81
3	Soft Bioelectronics Based on Nanomaterials. <i>Chemical Reviews</i> , 2022, 122, 5068-5143.	23.0	72
4	Material Design and Fabrication Strategies for Stretchable Metallic Nanocomposites. <i>Small</i> , 2020, 16, e1906270.	5.2	55
5	Bio-Inspired Artificial Vision and Neuromorphic Image Processing Devices. <i>Advanced Materials Technologies</i> , 2022, 7, 2100144.	3.0	53
6	Advances in Soft Bioelectronics for Brain Research and Clinical Neuroengineering. <i>Matter</i> , 2020, 3, 1923-1947.	5.0	48
7	Stretchable Low-Impedance Nanocomposite Comprised of Ag-Au Core-Shell Nanowires and Pt Black for Epicardial Recording and Stimulation. <i>Advanced Materials Technologies</i> , 2020, 5, 1900768.	3.0	43
8	Stretchable colour-sensitive quantum dot nanocomposites for shape-tunable multiplexed phototransistor arrays. <i>Nature Nanotechnology</i> , 2022, 17, 849-856.	15.6	42
9	Wireless Power Transfer and Telemetry for Implantable Bioelectronics. <i>Advanced Healthcare Materials</i> , 2021, 10, e2100614.	3.9	41
10	Functionalized Elastomers for Intrinsically Soft and Biointegrated Electronics. <i>Advanced Healthcare Materials</i> , 2021, 10, e2002105.	3.9	36
11	Stretchable conductive nanocomposites and their applications in wearable devices. <i>Applied Physics Reviews</i> , 2022, 9, .	5.5	27
12	Nanoscale Materials and Deformable Device Designs for Bioinspired and Biointegrated Electronics. <i>Accounts of Materials Research</i> , 2021, 2, 266-281.	5.9	18
13	Facile and Scalable Synthesis of Whiskered Gold Nanosheets for Stretchable, Conductive, and Biocompatible Nanocomposites. <i>ACS Nano</i> , 2022, 16, 10431-10442.	7.3	14