Sung-Hyuk Sunwoo

List of Publications by Year
in descending order

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

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13	720	759055 12	996849 15
papers	citations	h-index	g-index

16	16	16	440
all docs	docs citations	times ranked	citing authors

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