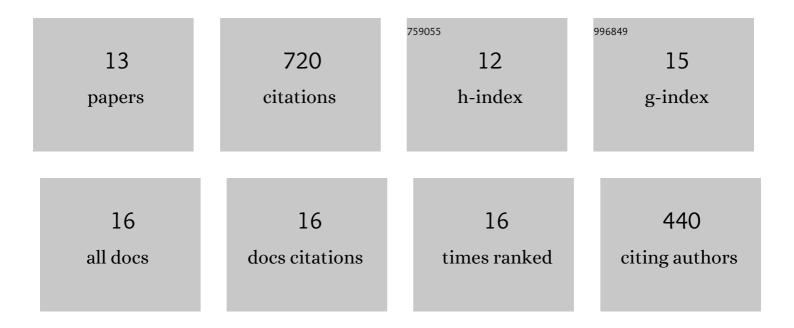
Sung-Hyuk Sunwoo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/11885630/publications.pdf Version: 2024-02-01



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