

Kyoung Won Cho

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

2,048
citations

516710

16
h-index

839539

18
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18
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18
docs citations

18
times ranked

2671
citing authors

#	ARTICLE	IF	CITATIONS
1	Human eye-inspired soft optoelectronic device using high-density MoS ₂ -graphene curved image sensor array. <i>Nature Communications</i> , 2017, 8, 1664.	12.8	381
2	Wearable and Implantable Devices for Cardiovascular Healthcare: from Monitoring to Therapy Based on Flexible and Stretchable Electronics. <i>Advanced Functional Materials</i> , 2019, 29, 1808247.	14.9	345
3	Highly conductive and elastic nanomembrane for skin electronics. <i>Science</i> , 2021, 373, 1022-1026.	12.6	186
4	Curved neuromorphic image sensor array using a MoS ₂ -organic heterostructure inspired by the human visual recognition system. <i>Nature Communications</i> , 2020, 11, 5934.	12.8	182
5	Thermally Controlled, Patterned Graphene Transfer Printing for Transparent and Wearable Electronic/Optoelectronic System. <i>Advanced Functional Materials</i> , 2015, 25, 7109-7118.	14.9	155
6	Wearable and Implantable Soft Bioelectronics Using Two-Dimensional Materials. <i>Accounts of Chemical Research</i> , 2019, 52, 73-81.	15.6	143
7	Stretchable and Transparent Biointerface Using Cellâ€‘Sheetâ€‘Graphene Hybrid for Electrophysiology and Therapy of Skeletal Muscle. <i>Advanced Functional Materials</i> , 2016, 26, 3207-3217.	14.9	123
8	An aquatic-vision-inspired camera based on a monocentric lens and a silicon nanorod photodiode array. <i>Nature Electronics</i> , 2020, 3, 546-553.	26.0	100
9	Facilitated Transdermal Drug Delivery Using Nanocarriers-Embedded Electroconductive Hydrogel Coupled with Reverse Electrodialysis-Driven Iontophoresis. <i>ACS Nano</i> , 2020, 14, 4523-4535.	14.6	83
10	Multifunctional Cell-Culture Platform for Aligned Cell Sheet Monitoring, Transfer Printing, and Therapy. <i>ACS Nano</i> , 2015, 9, 2677-2688.	14.6	72
11	Soft Bioelectronics Based on Nanomaterials. <i>Chemical Reviews</i> , 2022, 122, 5068-5143.	47.7	72
12	Advances in drug delivery technology for the treatment of glioblastoma multiforme. <i>Journal of Controlled Release</i> , 2020, 328, 350-367.	9.9	58
13	Multifunctional Injectable Hydrogel for <i>In Vivo</i> Diagnostic and Therapeutic Applications. <i>ACS Nano</i> , 2022, 16, 554-567.	14.6	49
14	A Biodegradable Secondary Battery and its Biodegradation Mechanism for Ecoâ€‘Friendly Energyâ€‘Storage Systems. <i>Advanced Materials</i> , 2021, 33, e2004902.	21.0	42
15	Sensors in heart-on-a-chip: A review on recent progress. <i>Talanta</i> , 2020, 219, 121269.	5.5	34
16	Large scale and integrated platform for digital mass culture of anchorage dependent cells. <i>Nature Communications</i> , 2019, 10, 4824.	12.8	17
17	Stretchable Electronics: Stretchable and Transparent Biointerface Using Cellâ€‘Sheetâ€‘Graphene Hybrid for Electrophysiology and Therapy of Skeletal Muscle (Adv. Funct. Mater. 19/2016). <i>Advanced Functional Materials</i> , 2016, 26, 3182-3182.	14.9	4