

Yeongin Kim

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

7,868
citations

304743

22
h-index

642732

23
g-index

23
all docs

23
docs citations

23
times ranked

9993
citing authors

#	ARTICLE	IF	CITATIONS
1	Skin electronics from scalable fabrication of an intrinsically stretchable transistor array. <i>Nature</i> , 2018, 555, 83-88.	27.8	1,588
2	Intrinsically stretchable and healable semiconducting polymer for organic transistors. <i>Nature</i> , 2016, 539, 411-415.	27.8	1,030
3	A bioinspired flexible organic artificial afferent nerve. <i>Science</i> , 2018, 360, 998-1003.	12.6	982
4	Tough and Water-Insensitive Self-Healing Elastomer for Robust Electronic Skin. <i>Advanced Materials</i> , 2018, 30, e1706846.	21.0	798
5	An integrated self-healable electronic skin system fabricated via dynamic reconstruction of a nanostructured conducting network. <i>Nature Nanotechnology</i> , 2018, 13, 1057-1065.	31.5	736
6	Soft and elastic hydrogel-based microelectronics for localized low-voltage neuromodulation. <i>Nature Biomedical Engineering</i> , 2019, 3, 58-68.	22.5	499
7	Stretchable organic optoelectronic sensorimotor synapse. <i>Science Advances</i> , 2018, 4, eaat7387.	10.3	359
8	Efficient Blue Electroluminescence Using Quantum-Confined Two-Dimensional Perovskites. <i>ACS Nano</i> , 2016, 10, 9720-9729.	14.6	299
9	Multi-scale ordering in highly stretchable polymer semiconducting films. <i>Nature Materials</i> , 2019, 18, 594-601.	27.5	251
10	Inkjet-printed stretchable and low voltage synaptic transistor array. <i>Nature Communications</i> , 2019, 10, 2676.	12.8	194
11	Understanding Polymorphism in Organic Semiconductor Thin Films through Nanoconfinement. <i>Journal of the American Chemical Society</i> , 2014, 136, 17046-17057.	13.7	179
12	Stretchable self-healable semiconducting polymer film for active-matrix strain-sensing array. <i>Science Advances</i> , 2019, 5, eaav3097.	10.3	179
13	Bulky End-Capped [1]Benzo[3,2-b]benzothiophenes: Reaching High-Mobility Organic Semiconductors by Fine Tuning of the Crystalline Solid-State Order. <i>Advanced Materials</i> , 2015, 27, 3066-3072.	21.0	155
14	Long-term reliable physical health monitoring by sweat pore-inspired perforated electronic skins. <i>Science Advances</i> , 2021, 7, .	10.3	89
15	Deformable Organic Nanowire Field-Effect Transistors. <i>Advanced Materials</i> , 2018, 30, 1704401.	21.0	82
16	Organic electronic synapses with low energy consumption. <i>Joule</i> , 2021, 5, 794-810.	24.0	79
17	A Process for Topographically Selective Deposition on 3D Nanostructures by Ion Implantation. <i>ACS Nano</i> , 2016, 10, 4451-4458.	14.6	78
18	High-Transconductance Stretchable Transistors Achieved by Controlled Gold Microcrack Morphology. <i>Advanced Electronic Materials</i> , 2019, 5, 1900347.	5.1	70

#	ARTICLE	IF	CITATIONS
19	Thienoacene dimers based on the thieno[3,2-b]thiophene moiety: synthesis, characterization and electronic properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 674-685.	5.5	62
20	Partially-Screened Field Effect and Selective Carrier Injection at Organic Semiconductor/Graphene Heterointerface. <i>Nano Letters</i> , 2015, 15, 7587-7595.	9.1	58
21	Electric Field Tuning Molecular Packing and Electrical Properties of Solution-Shearing Coated Organic Semiconducting Thin Films. <i>Advanced Functional Materials</i> , 2017, 27, 1605503.	14.9	47
22	Modular and Reconfigurable Stretchable Electronic Systems. <i>Advanced Materials Technologies</i> , 2019, 4, 1800417.	5.8	42
23	Reducing the contact resistance in bottom-contact-type organic field-effect transistors using an AgO _x interface layer. <i>Applied Physics Express</i> , 2017, 10, 091601.	2.4	12