

Yongmin Jeon

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

912
citations

567144

15
h-index

552653

26
g-index

28
all docs

28
docs citations

28
times ranked

946
citing authors

#	ARTICLE	IF	CITATIONS
1	Textile-based washable polymer solar cells for optoelectronic modules: toward self-powered smart clothing. <i>Energy and Environmental Science</i> , 2019, 12, 1878-1889.	15.6	136
2	Sandwich-structure transferable free-form OLEDs for wearable and disposable skin wound photomedicine. <i>Light: Science and Applications</i> , 2019, 8, 114.	7.7	86
3	Recent Progress of Fiber Shaped Lighting Devices for Smart Display Applications—A Fibertronic Perspective. <i>Advanced Materials</i> , 2020, 32, e1903488.	11.1	81
4	A Wearable Photobiomodulation Patch Using a Flexible Red-Wavelength OLED and Its In Vitro Differential Cell Proliferation Effects. <i>Advanced Materials Technologies</i> , 2018, 3, 1700391.	3.0	68
5	Design of Highly Water Resistant, Impermeable, and Flexible Thin-Film Encapsulation Based on Inorganic/Organic Hybrid Layers. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 3251-3261.	4.0	68
6	Parallel-Stacked Flexible Organic Light-Emitting Diodes for Wearable Photodynamic Therapeutics and Color-Tunable Optoelectronics. <i>ACS Nano</i> , 2020, 14, 15688-15699.	7.3	62
7	Functional Design of Highly Robust and Flexible Thin-Film Encapsulation Composed of Quasi-Perfect Sublayers for Transparent, Flexible Displays. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43983-43992.	4.0	58
8	Functional Design of Dielectric-Metal-Dielectric-Based Thin-Film Encapsulation with Heat Transfer and Flexibility for Flexible Displays. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 27062-27072.	4.0	52
9	Two-Dimensionally Stretchable Organic Light-Emitting Diode with Elastic Pillar Arrays for Stress Relief. <i>Nano Letters</i> , 2020, 20, 1526-1535.	4.5	48
10	Multi-directionally wrinkle-able textile OLEDs for clothing-type displays. <i>Npj Flexible Electronics</i> , 2020, 4, .	5.1	41
11	Flexible organic light-emitting diode-based photonic skin for attachable phototherapeutics. <i>Journal of the Society for Information Display</i> , 2020, 28, 324-332.	0.8	38
12	Low-Temperature Fabrication of Robust, Transparent, and Flexible Thin-Film Transistors with a Nanolaminated Insulator. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 15829-15840.	4.0	27
13	Foldable and washable textile-based OLEDs with a multi-functional near-room-temperature encapsulation layer for smart e-textiles. <i>Npj Flexible Electronics</i> , 2021, 5, .	5.1	27
14	Color Purifying Optical Nanothin Film for Three Primary Colors in Optoelectronics. <i>ACS Photonics</i> , 2018, 5, 3322-3330.	3.2	21
15	Robust Transparent and Conductive Gas Diffusion Multibarrier Based on Mg- and Al-Doped ZnO as Indium Tin Oxide-Free Electrodes for Organic Electronics. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 32387-32396.	4.0	21
16	Low-Temperature and Corrosion-Resistant Gas Diffusion Multibarrier with UV and Heat Rejection Capability—A Strategy to Ensure Reliability of Organic Electronics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 16776-16784.	4.0	15
17	Synergistic gas diffusion multilayer architecture based on the nanolaminate and inorganic-organic hybrid organic layer. <i>Journal of Information Display</i> , 2018, 19, 135-142.	2.1	13
18	Thienothiophenyl Isoquinoline Iridium Complex-Based Deep Red to Near-Infrared Organic Light-Emitting Diodes with Low Driving Voltage and High Radiant Emittance for Practical Biomedical Applications. <i>Advanced Photonics Research</i> , 2021, 2, 2100121.	1.7	13

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19	22â€4: Wearable Photobiomodulation Patch using Attachable Flexible Organic Lightâ€Emitting Diodes for Human Keratinocyte Cells. Digest of Technical Papers SID International Symposium, 2018, 49, 279-282.	0.1	10
20	Cell proliferation effect of deep-penetrating microcavity tandem NIR OLEDs with therapeutic trend analysis. Scientific Reports, 2022, 12, .	1.6	8
21	A Flexible and Wavelengthâ€Designable Polymer Lightâ€Emitting Diode Employing Sandwichâ€Encapsulation for Wearable Skin Rejuvenation Photomedicine. Advanced Materials Interfaces, 2021, 8, 2100856.	1.9	7
22	38â€4: Clothingâ€shaped Organic Lightâ€Emitting Devices (OLEDs) for Wearable Displays. Digest of Technical Papers SID International Symposium, 2018, 49, 486-488.	0.1	6
23	24â€2: Stressâ€minimized and Robust Thin Film Encapsulation based on Mechanically Improved Nanolaminate and Organic Layers. Digest of Technical Papers SID International Symposium, 2018, 49, 302-305.	0.1	1
24	Pâ€66: A Bilayer Encapsulation with High Chemical Stability in Harsh Environments for Environmentally Robust OLEDs. Digest of Technical Papers SID International Symposium, 2021, 52, 1325-1328.	0.1	1
25	Pâ€98: Improved Cell Proliferation Effect on the Human Fibroblast by the Irradiation of Aging Processed PLEDs. Digest of Technical Papers SID International Symposium, 2019, 50, 1624-1626.	0.1	0
26	70â€4: Distinguished Student Paper: Flexible OLEDâ€based Photonic Skin for Attachable Phototherapeutics. Digest of Technical Papers SID International Symposium, 2020, 51, 1052-1055.	0.1	0