

Junho Jang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Epoxy-based siloxane composites for electronic packaging: Effect of composition and molecular structure of siloxane matrix on their properties. <i>Composites Science and Technology</i> , 2022, 224, 109456.	7.8	15
2	Siloxane Hybrid Material-Encapsulated Highly Robust Flexible $\frac{1}{4}$ LEDs for Biocompatible Lighting Applications. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 28258-28269.	8.0	9
3	Preparation of high-performance transparent glass-fiber reinforced composites based on refractive index-tunable epoxy-functionalized siloxane hybrid matrix. <i>Composites Science and Technology</i> , 2021, 201, 108527.	7.8	26
4	Synergistic Flame Retardant Effects of Carbon Nanotube-Based Multilayer Nanocoatings. <i>Macromolecular Materials and Engineering</i> , 2021, 306, 2100233.	3.6	11
5	Perovskite Nanoparticles: Extremely Stable Luminescent Crosslinked Perovskite Nanoparticles under Harsh Environments over 1.5 Years (<i>Adv. Mater.</i> 3/2021). <i>Advanced Materials</i> , 2021, 33, 2170017.	21.0	0
6	Flexible Transparent Crystalline-ITO/Ag Nanowire Hybrid Electrode with High Stability for Organic Optoelectronics. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56462-56469.	8.0	29
7	Flexible but Mechanically Robust Hazy Quantum Dot/Glass Fiber Reinforced Film for Efficiently Luminescent Surface Light Source. <i>Advanced Optical Materials</i> , 2020, 8, 1902178.	7.3	9
8	Solution-Processed, Photo-Patternable Fluorinated Sol-Gel Hybrid Materials as a Bio-Fluidic Barrier for Flexible Electronic Systems. <i>Advanced Electronic Materials</i> , 2020, 6, 1901065.	5.1	6
9	Exceptionally stable quantum dot/siloxane hybrid encapsulation material for white light-emitting diodes with a wide color gamut. <i>Nanoscale</i> , 2019, 11, 14887-14895.	5.6	25
10	Patent: Sol-Gel Derived and Thermally Cured Siloxane Encapsulated Quantum Dot Hybrid Material with Excellent Stabilities. <i>Digest of Technical Papers SID International Symposium</i> , 2018, 49, 1651-1653.	0.3	0
11	Flexible Coatings: Flexible Hard Coating: Glass-Like Wear Resistant, Yet Plastic-Like Compliant, Transparent Protective Coating for Foldable Displays (<i>Adv. Mater.</i> 19/2017). <i>Advanced Materials</i> , 2017, 29, .	21.0	5
12	Heat- and water-proof quantum dot/siloxane composite film: Effect of quantum dot-siloxane linkage. <i>Journal of the Society for Information Display</i> , 2017, 25, 108-116.	2.1	5
13	32 nd : Distinguished Student Paper: Quantum Dot/Siloxane Composite Film Exceptionally Stable Against Heat and Moisture. <i>Digest of Technical Papers SID International Symposium</i> , 2017, 48, 451-454.	0.3	2
14	Flexible Hard Coating: Glass-Like Wear Resistant, Yet Plastic-Like Compliant, Transparent Protective Coating for Foldable Displays. <i>Advanced Materials</i> , 2017, 29, 1700205.	21.0	107
15	Transparent, thermally stable methyl siloxane hybrid materials using sol-gel synthesized vinyl-methyl oligosiloxane resin. <i>Journal of Sol-Gel Science and Technology</i> , 2017, 82, 253-260.	2.4	10
16	Quantum Dot/Siloxane Composite Film Exceptionally Stable against Oxidation under Heat and Moisture. <i>Journal of the American Chemical Society</i> , 2016, 138, 16478-16485.	13.7	73
17	Hybrid crystalline-ITO/metal nanowire mesh transparent electrodes and their application for highly flexible perovskite solar cells. <i>NPG Asia Materials</i> , 2016, 8, e282-e282.	7.9	89
18	A high-performance, flexible and robust metal nanotrough-embedded transparent conducting film for wearable touch screen panels. <i>Nanoscale</i> , 2016, 8, 3916-3922.	5.6	76