Junho Jang

List of Publications by Year
in descending order

18	497	1040056 9	940533 16
papers	citations	h-index	g-index

18	18	18	875
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Flexible Hard Coating: Glassâ€Like Wear Resistant, Yet Plasticâ€Like Compliant, Transparent Protective Coating for Foldable Displays. Advanced Materials, 2017, 29, 1700205.	21.0	107
2	Hybrid crystalline-ITO/metal nanowire mesh transparent electrodes and their application for highly flexible perovskite solar cells. NPG Asia Materials, 2016, 8, e282-e282.	7.9	89
3	A high-performance, flexible and robust metal nanotrough-embedded transparent conducting film for wearable touch screen panels. Nanoscale, 2016, 8, 3916-3922.	5.6	76
4	Quantum Dot/Siloxane Composite Film Exceptionally Stable against Oxidation under Heat and Moisture. Journal of the American Chemical Society, 2016, 138, 16478-16485.	13.7	73
5	Flexible Transparent Crystalline-ITO/Ag Nanowire Hybrid Electrode with High Stability for Organic Optoelectronics. ACS Applied Materials & Interfaces, 2020, 12, 56462-56469.	8.0	29
6	Preparation of high-performance transparent glass-fiber reinforced composites based on refractive index-tunable epoxy-functionalized siloxane hybrid matrix. Composites Science and Technology, 2021, 201, 108527.	7.8	26
7	Exceptionally stable quantum dot/siloxane hybrid encapsulation material for white light-emitting diodes with a wide color gamut. Nanoscale, 2019, 11, 14887-14895.	5.6	25
8	Epoxy-based siloxane composites for electronic packaging: Effect of composition and molecular structure of siloxane matrix on their properties. Composites Science and Technology, 2022, 224, 109456.	7.8	15
9	Synergistic Flame Retardant Effects of Carbon Nanotubeâ€Based Multilayer Nanocoatings. Macromolecular Materials and Engineering, 2021, 306, 2100233.	3.6	11
10	Transparent, thermally stable methyl siloxane hybrid materials using sol-gel synthesized vinyl-methyl oligosiloxane resin. Journal of Sol-Gel Science and Technology, 2017, 82, 253-260.	2.4	10
11	Flexible but Mechanically Robust Hazy Quantum Dot/Glass Fiber Reinforced Film for Efficiently Luminescent Surface Light Source. Advanced Optical Materials, 2020, 8, 1902178.	7.3	9
12	Siloxane Hybrid Material-Encapsulated Highly Robust Flexible Î¼LEDs for Biocompatible Lighting Applications. ACS Applied Materials & Interfaces, 2022, 14, 28258-28269.	8.0	9
13	Solutionâ€Processed, Photoâ€Patternable Fluorinated Solâ€“Gel Hybrid Materials as a Bioâ€Fluidic Barrier for Flexible Electronic Systems. Advanced Electronic Materials, 2020, 6, 1901065.	5.1	6
14	Flexible Coatings: Flexible Hard Coating: Glassâ€Like Wear Resistant, Yet Plasticâ€Like Compliant, Transparent Protective Coating for Foldable Displays (Adv. Mater. 19/2017). Advanced Materials, 2017, 29, .	21.0	5
15	Heat- and water-proof quantum dot/siloxane composite film: Effect of quantum dot-siloxane linkage. Journal of the Society for Information Display, 2017, 25, 108-116.	2.1	5
16	32â€2: Distinguished Student Paper: Quantum Dot/Siloxane Composite Film Exceptionally Stable Against Heat and Moisture. Digest of Technical Papers SID International Symposium, 2017, 48, 451-454.	0.3	2
17	Pâ€117: Solâ€Gel Derived and Thermally Cured Siloxane Encapsulated Quantum Dot Hybrid Material with Excellent Stabilities. Digest of Technical Papers SID International Symposium, 2018, 49, 1651-1653.	0.3	0
18	Perovskite Nanoparticles: Extremely Stable Luminescent Crosslinked Perovskite Nanoparticles under Harsh Environments over 1.5 Years (Adv. Mater. 3/2021). Advanced Materials, 2021, 33, 2170017.	21.0	0