Young-Joo Lee

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10077111/publications.pdf

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18	398	840776 11	839539 18
papers	citations	h-index	g-index

19	19	19	636
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Broadband and pixelated camouflage in inflating chiral nematic liquid crystalline elastomers. Nature Materials, 2022, 21, 41-46.	27.5	89
2	Tendonâ€Driven Auxetic Tubular Springs for Resilient Hopping Robots. Advanced Intelligent Systems, 2022, 4, .	6.1	6
3	Recent Progress in Shape-Transformable Materials and Their Applications. Electronic Materials Letters, 2022, 18, 215-231.	2.2	2
4	Determination of Genotoxicity Attributed to Diesel Exhaust Particles in Normal Human Embryonic Lung Cell (WI-38) Line. Biomolecules, 2021, 11, 291.	4.0	4
5	Responsive and Foldable Soft Materials. Trends in Chemistry, 2020, 2, 107-122.	8.5	46
6	Computational wrapping: A universal method to wrap 3D-curved surfaces with nonstretchable materials for conformal devices. Science Advances, 2020, 6, eaax6212.	10.3	39
7	Auxetic elastomers: Mechanically programmable meta-elastomers with an unusual Poissonâ€™s ratio overcome the gauge limit of a capacitive type strain sensor. Extreme Mechanics Letters, 2019, 31, 100516.	4.1	46
8	Extremely Versatile Deformability beyond Materiality: A New Material Platform through Simple Cutting for Rugged Batteries. Advanced Engineering Materials, 2019, 21, 1900206.	3.5	15
9	PEDOT:PSS/Polyacrylamide Nanoweb: Highly Reliable Soft Conductors with Swelling Resistance. ACS Applied Materials & Interfaces, 2019, 11, 10099-10107.	8.0	13
10	Effect of twisting fatigue on the electrical reliability of a metal interconnect on a flexible substrate. Journal of Materials Research, 2018, 33, 138-148.	2.6	9
11	pH-Dependent In-Cell Self-Assembly of Peptide Inhibitors Increases the Anti-Prion Activity While Decreasing the Cytotoxicity. Biomacromolecules, 2017, 18, 943-950.	5.4	16
12	Gaseous Nanocarvingâ€Mediated Carbon Framework with Spontaneous Metal Assembly for Structureâ€Tunable Metal/Carbon Nanofibers. Advanced Materials, 2017, 29, 1702958.	21.0	13
13	Structural-relaxation-driven electron doping of amorphous oxide semiconductors by increasing the concentration of oxygen vacancies in shallow-donor states. NPG Asia Materials, 2016, 8, e250-e250.	7.9	35
14	Improvements of mechanical fatigue reliability of Cu interconnects on flexible substrates through MoTi alloy under-layer. Electronic Materials Letters, 2015, 11, 149-154.	2.2	8
15	Effects of film thickness and deposition rate on the diffusion barrier performance of titanium nitride in Cu-through silicon vias. Electronic Materials Letters, 2014, 10, 275-279.	2.2	7
16	Influences of semiconductor morphology on the mechanical fatigue behavior of flexible organic electronics. Applied Physics Letters, 2013, 103, .	3.3	15
17	High performance Znâ€“Snâ€“O thin film transistors with Cu source/drain electrode. Physica Status Solidi - Rapid Research Letters, 2013, 7, 196-198.	2.4	30
18	Reverseâ€Engineered Highly Conformable, Leak and Pressure Reducing Cushion for Neonatal Resuscitation Mask. Advanced Materials Technologies, 0, , 2101364.	5.8	1