

# Young-Joo Lee

## List of Publications by Year in descending order

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

Version: 2024-02-01

18  
papers

398  
citations

840776

11  
h-index

839539

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19  
docs citations

19  
times ranked

636  
citing authors

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