

# Jin Hyun Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

462  
citations

932766

10  
h-index

996533

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

694  
citing authors

#	ARTICLE	IF	CITATIONS
1	Remote-controllable, tough, ultrastretchable, and magneto-sensitive nanocomposite hydrogels with homogeneous nanoparticle dispersion as biomedical actuators, and their tuned structure, properties, and performances. <i>Composites Part B: Engineering</i> , 2022, 236, 109802.	5.9	12
2	Magnetite/Poly(ortho-anisidine) Composite Particles and Their Electrorheological Response. <i>Materials</i> , 2021, 14, 2900.	1.3	8
3	Development of a Tough, Self-Healing Polyampholyte Terpolymer Hydrogel Patch with Enhanced Skin Adhesion via Tuning the Density and Strength of Ion-Pair Associations. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 8889-8900.	4.0	21
4	Development of reversibly compressible feather-like lightweight Chitosan/GO composite foams and their mechanical and viscoelastic properties. <i>Carbon</i> , 2020, 157, 191-200.	5.4	13
5	Development of porous fabricâ€hydrogel composite membranes with enhanced ion permeability for microalgal cultivation in the ocean. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48324.	1.3	4
6	Poly(diphenylamine)/polyaniline core/shell composite nanospheres synthesized using a reactive surfactant and their electrorheology. <i>Polymer</i> , 2020, 188, 122161.	1.8	19
7	New Surface Modification Method To Develop a PET-Based Membrane with Enhanced Ion Permeability and Organic Fouling Resistance for Efficient Production of Marine Microalgae. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 25253-25265.	4.0	9
8	Thermal analysis of cylindrical heat sinks filled with phase change material for high-power transient cooling. <i>International Journal of Heat and Mass Transfer</i> , 2020, 154, 119725.	2.5	9
9	Facile fabrication of core-shell typed silica/poly(diphenylamine) composite microparticles and their electro-response. <i>Polymer</i> , 2019, 182, 121851.	1.8	17
10	Highly Tough, Biocompatible, and Magneto-Responsive Fe <sub>3</sub> O <sub>4</sub> /Laponite/PDMAAm Nanocomposite Hydrogels. <i>Scientific Reports</i> , 2019, 9, 15024.	1.6	31
11	Stimuli-Responsive Graphene Oxide-Polymer Nanocomposites. <i>Macromolecular Research</i> , 2019, 27, 1061-1070.	1.0	17
12	Thermo-sensitive injectable glycol chitosan-based hydrogel for treatment of degenerative disc disease. <i>Carbohydrate Polymers</i> , 2018, 184, 342-353.	5.1	50
13	Injectable hydrogels delivering therapeutic agents for disease treatment and tissue engineering. <i>Biomaterials Research</i> , 2018, 22, 27.	3.2	205
14	Investigation of degradation pathways of poly(semiperfluoroalkyl methacrylate) thin films induced by electronâ€beam irradiation. <i>Journal of Polymer Science Part A</i> , 2018, 56, 2672-2680.	2.5	8
15	Magnetic Particle Filled Elastomeric Hybrid Composites and Their Magnetorheological Response. <i>Materials</i> , 2018, 11, 1040.	1.3	39
16	Numerical Study of Thermal Performance of Phase Change Material-based Heat Sinks with Three-dimensional Transient Cooling. <i>Sensors and Materials</i> , 2018, 30, 2391.	0.3	0