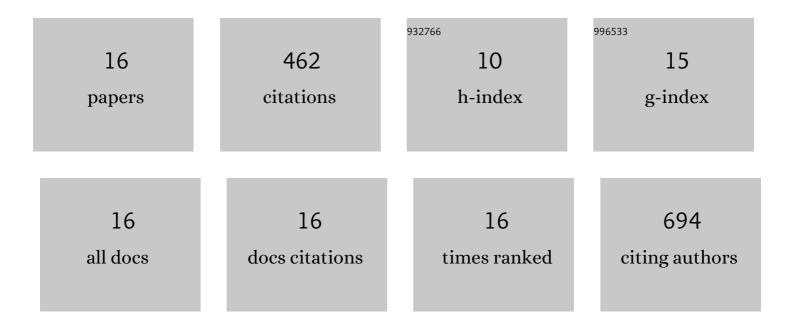
Jin Hyun Lee

List of Publications by Year in descending order

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#	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. Composites Part B: Engineering, 2022, 236, 109802.	5.9	12
2	Magnetite/Poly(ortho-anisidine) Composite Particles and Their Electrorheological Response. Materials, 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. ACS Applied Materials & Interfaces, 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. Carbon, 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. Journal of Applied Polymer Science, 2020, 137, 48324.	1.3	4
6	Poly(diphenylamine)/polyaniline core/shell composite nanospheres synthesized using a reactive surfactant and their electrorheology. Polymer, 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. ACS Applied Materials & Interfaces, 2020, 12, 25253-25265.	4.0	9
8	Thermal analysis of cylindrical heat sinks filled with phase change material for high-power transient cooling. International Journal of Heat and Mass Transfer, 2020, 154, 119725.	2.5	9
9	Facile fabrication of core-shell typed silica/poly(diphenylamine) composite microparticles and their electro-response. Polymer, 2019, 182, 121851.	1.8	17
10	Highly Tough, Biocompatible, and Magneto-Responsive Fe3O4/Laponite/PDMAAm Nanocomposite Hydrogels. Scientific Reports, 2019, 9, 15024.	1.6	31
11	Stimuli-Responsive Graphene Oxide-Polymer Nanocomposites. Macromolecular Research, 2019, 27, 1061-1070.	1.0	17
12	Thermo-sensitive injectable glycol chitosan-based hydrogel for treatment of degenerative disc disease. Carbohydrate Polymers, 2018, 184, 342-353.	5.1	50
13	Injectable hydrogels delivering therapeutic agents for disease treatment and tissue engineering. Biomaterials Research, 2018, 22, 27.	3.2	205
14	Investigation of degradation pathways of poly(semiperfluoroalkyl methacrylate) thin films induced by electronâ€beam irradiation. Journal of Polymer Science Part A, 2018, 56, 2672-2680.	2.5	8
15	Magnetic Particle Filled Elastomeric Hybrid Composites and Their Magnetorheological Response. Materials, 2018, 11, 1040.	1.3	39
16	Numerical Study of Thermal Performance of Phase Change Material-based Heat Sinks with Three-dimensional Transient Cooling. Sensors and Materials, 2018, 30, 2391.	0.3	0