

# Yulin Zhang

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Copolymerization of Aniline, Melamine and <i>p</i> -Phenylenediamine for Enhanced Pseudocapacitance Hydrogel Supercapacitor Electrodes. <i>Macromolecular Materials and Engineering</i> , 2022, 307, .	3.6	6
2	Shape-Stable Hydrated Salts/Polyacrylamide Phase-Change Organohydrogels for Smart Temperature Management. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 21810-21821.	8.0	45
3	Near-Infrared Laser "Weldable" Hydrogen-Bonded Hydrogel Sensor Based on Photothermal Gel "Sol Transition. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 16241-16250.	6.7	6
4	Healing, flexible, high thermal sensitive dual-network ionic conductive hydrogels for 3D linear temperature sensor. <i>Materials Science and Engineering C</i> , 2020, 107, 110310.	7.3	51
5	Tough hydrophobic association hydrogels with self-healing and reforming capabilities achieved by polymeric core-shell nanoparticles. <i>Materials Science and Engineering C</i> , 2019, 99, 460-467.	7.3	41
6	Strain-sensitivity conductive MWCNTs composite hydrogel for wearable device and near-infrared photosensor. <i>Journal of Materials Science</i> , 2019, 54, 8515-8530.	3.7	59
7	High-Strength, Self-Healable, Temperature-Sensitive, MXene-Containing Composite Hydrogel as a Smart Compression Sensor. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 47350-47357.	8.0	168
8	Self-assembling GO/modified HEC hybrid stabilized pickering emulsions and template polymerization for biomedical hydrogels. <i>Carbohydrate Polymers</i> , 2019, 207, 694-703.	10.2	32
9	A mechanically robust double-network hydrogel with high thermal responses via doping hydroxylated boron nitride nanosheets. <i>Journal of Materials Science</i> , 2019, 54, 3368-3382.	3.7	27
10	Robust and Self-Healing Hydrophobic Association Hydrogels Using Poly(styrene-co-acrylonitrile) Macromolecule Microspheres as Cross-Linking Centers. <i>ChemistrySelect</i> , 2018, 3, 418-427.	1.5	5
11	Stable, Strain-Sensitive Conductive Hydrogel with Antifreezing Capability, Remoldability, and Reusability. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 44000-44010.	8.0	234
12	Novel Self-Healing, Shape-Memory, Tunable Double-Layer Actuators Based on Semi-CPN and Physical Double-Network Hydrogels. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800505.	3.6	24
13	Tough, High stretched, Self-Healing /Hydrophobically Associated Compositing Hydrogels and Their Use for a Fluorescence Sensing Platform. <i>ChemistrySelect</i> , 2018, 3, 5756-5765.	1.5	3
14	Self-healable, tough and highly stretchable hydrophobic association/ionic dual physically cross-linked hydrogels. <i>RSC Advances</i> , 2017, 7, 12063-12073.	3.6	48
15	Preparation and properties of polyacrylamide/polyvinyl alcohol physical double network hydrogel. <i>RSC Advances</i> , 2016, 6, 112468-112476.	3.6	56
16	RAFT polymerization of acrylamide manipulated with trithiocarbonates in poly(ethylene glycol) solution. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	0