Yulin Zhang

List of Publications by Year
in descending order

16	805	840776 11	996975 15
papers	citations	h-index	g-index

16	16	16	1095
all docs	docs citations	times ranked	citing authors

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