Qingyu Yu

List of Publications by Year
in descending order

16 papers	1,292 citations	759233 12 h-index	940533 16 g-index
16 all docs	16 docs citations	16 times ranked	1091 citing authors

#	Article	IF	Citations
1	Carbon nanotubes reinforced hydrogel as flexible strain sensor with high stretchability and mechanically toughness. Chemical Engineering Journal, 2020, 382, 122832.	12.7	328
2	Carbon Nanotubes/Hydrophobically Associated Hydrogels as Ultrastretchable, Highly Sensitive, Stable Strain, and Pressure Sensors. ACS Applied Materials & Interfaces, 2020, 12, 4944-4953.	8.0	250
3	Freezing-Tolerant Supramolecular Organohydrogel with High Toughness, Thermoplasticity, and Healable and Adhesive Properties. ACS Applied Materials & Interfaces, 2019, 11, 21184-21193.	8.0	161
4	A transparent, ultrastretchable and fully recyclable gelatin organohydrogel based electronic sensor with broad operating temperature. Journal of Materials Chemistry A, 2020, 8, 4447-4456.	10.3	152
5	Low-temperature tolerant strain sensors based on triple crosslinked organohydrogels with ultrastretchability. Chemical Engineering Journal, 2021, 404, 126559.	12.7	108
6	Ionically Conductive Hydrogel with Fast Selfâ€Recovery and Low Residual Strain as Strain and Pressure Sensors. Macromolecular Rapid Communications, 2020, 41, e2000185.	3.9	62
7	Fully physically crosslinked pectin-based hydrogel with high stretchability and toughness for biomedical application. International Journal of Biological Macromolecules, 2020, 149, 707-716.	7.5	56
8	Dual physically cross-linked carboxymethyl cellulose-based hydrogel with high stretchability and toughness as sensitive strain sensors. Cellulose, 2020, 27, 9975-9989.	4.9	53
9	Facile preparation of a thermosensitive and antibiofouling physically crosslinked hydrogel/powder for wound healing. Journal of Materials Chemistry B, 2022, 10, 2215-2229.	5.8	24
10	Highly biocompatible zwitterionic dendrimer-encapsulated platinum nanoparticles for sensitive detection of glucose in complex medium. New Journal of Chemistry, 2019, 43, 9076-9083.	2.8	21
11	A robust polyacrylic acid/chitosan cryogel for rapid hemostasis. Science China Technological Sciences, 2022, 65, 1029-1042.	4.0	16
12	Highly stable and biocompatible zwitterionic dendrimer-encapsulated palladium nanoparticles that maintain their catalytic activity in bacterial solution. New Journal of Chemistry, 2018, 42, 19740-19748.	2.8	15
13	Partially fluorinated, multication cross-linked poly(arylene piperidinium) membranes with improved conductivity and reduced swelling for fuel cell application. Ionics, 2020, 26, 5617-5627.	2.4	15
14	Ionic Conductive Organohydrogel With Ultrastretchability, Self-Healable and Freezing-Tolerant Properties for Wearable Strain Sensor. Frontiers in Chemistry, 2021, 9, 758844.	3.6	14
15	Enhanced glucose detection using dendrimer encapsulated gold nanoparticles benefiting from their zwitterionic surface. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 2267-2280.	3.5	10
16	Bioâ€Inspired Antibacterial Hydrogel Adhesives with High Adhesion Strength. Macromolecular Rapid Communications, 2022, 43, .	3.9	7