

Qingyu Yu

List of Publications by Year in descending order

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Version: 2024-02-01

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