Mengmeng Yao

List of Publications by Year
in descending order

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14	806	759233 12	1058476 14
papers	citations	h-index	g-index

14	14	14	749
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Freezing-Tolerant Supramolecular Organohydrogel with High Toughness, Thermoplasticity, and Healable and Adhesive Properties. ACS Applied Materials & Interfaces, 2019, 11, 21184-21193.	8.0	161
3	Low-temperature tolerant strain sensors based on triple crosslinked organohydrogels with ultrastretchability. Chemical Engineering Journal, 2021, 404, 126559.	12.7	108
4	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
5	In Situ Clickable Purely Zwitterionic Hydrogel for Peritoneal Adhesion Prevention. Chemistry of Materials, 2020, 32, 6347-6357.	6.7	48
6	A starch-based zwitterionic hydrogel coating for blood-contacting devices with durability and bio-functionality. Chemical Engineering Journal, 2021, 421, 129702.	12.7	36
7	Fully-physically crosslinked silk fibroin/poly(hydroxyethyl acrylamide) hydrogel with high transparency and adhesive properties for wireless sensing and low-temperature strain sensing. Journal of Materials Chemistry C, 2021, 9, 1880-1887.	5.5	34
8	Synthesis of waterborne epoxy/polyacrylate composites via miniemulsion polymerization and corrosion resistance of coatings. Progress in Organic Coatings, 2017, 113, 143-150.	3.9	27
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	Zwitterionic Unimolecular Micelles with pH and Temperature Response: Enhanced In Vivo Circulation Stability and Tumor Therapeutic Efficiency. Langmuir, 2020, 36, 3356-3366.	3.5	23
11	A robust polyacrylic acid/chitosan cryogel for rapid hemostasis. Science China Technological Sciences, 2022, 65, 1029-1042.	4.0	16
12	Antibacterial and UVâ€Blocking Bioelectronics Based on Transparent, Adhesive, and Strainâ€Sensitive Multifunctional Hydrogel. Advanced Materials Technologies, 2022, 7, .	5.8	14
13	Bioâ€Inspired Antibacterial Hydrogel Adhesives with High Adhesion Strength. Macromolecular Rapid Communications, 2022, 43, .	3.9	7
14	Synthesis and dynamic mechanical study of coreâ€“shell structure epoxy/polyacrylate composite particle. Journal of Polymer Research, 2016, 23, 1.	2.4	5