

Yan-Jie Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Tough and Stiff Hydrogel with Tunable Water Content and Mechanical Properties Based on the Synergistic Effect of Hydrogen Bonding and Hydrophobic Interaction. <i>Macromolecules</i> , 2018, 51, 8136-8146.	4.8	179
2	Bacteria activated-macrophage membrane-coated tough nanocomposite hydrogel with targeted photothermal antibacterial ability for infected wound healing. <i>Chemical Engineering Journal</i> , 2021, 420, 127638.	12.7	52
3	Hydrogen bond-reinforced double-network hydrogels with ultrahigh elastic modulus and shape memory property. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2018, 56, 1281-1286.	2.1	42
4	Polymer Pressure-Sensitive Adhesive with A Temperature-Insensitive Loss Factor Operating Under Water and Oil. <i>Advanced Functional Materials</i> , 2021, 31, 2104296.	14.9	34
5	Carbon Dot/Poly(methylacrylic acid) Nanocomposite Hydrogels with High Toughness and Strong Fluorescence. <i>ACS Applied Polymer Materials</i> , 2020, 2, 1043-1052.	4.4	25
6	Chondroitin sulfate hydrogels based on electrostatic interactions with enhanced adhesive properties: exploring the bulk and interfacial contributions. <i>Soft Matter</i> , 2020, 16, 6128-6137.	2.7	22
7	A tough and self-fusing elastomer tape. <i>Chemical Engineering Journal</i> , 2021, 417, 127967.	12.7	10
8	Robust and Antiswelling Hollow Hydrogel Tube with Antibacterial and Antithrombotic Ability for Emergency Vascular Replacement. <i>ACS Applied Bio Materials</i> , 2021, 4, 3598-3607.	4.6	9
9	Interpenetrating thermophobic and thermophilic dual responsive networks. <i>Journal of Polymer Science Part A</i> , 2019, 57, 539-544.	2.3	4