

Chiyu Wen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Multifunctional Pro-Healing Zwitterionic Hydrogel for Simultaneous Optical Monitoring of pH and Glucose in Diabetic Wound Treatment. <i>Advanced Functional Materials</i> , 2020, 30, 1905493.	14.9	248
2	Zwitterionic Osmolyte-Based Hydrogels with Antifreezing Property, High Conductivity, and Stable Flexibility at Subzero Temperature. <i>Advanced Functional Materials</i> , 2020, 30, 1907986.	14.9	201
3	Pro-Healing Zwitterionic Skin Sensor Enables Multi-Indicator Distinction and Continuous Real-Time Monitoring. <i>Advanced Functional Materials</i> , 2021, 31, 2106406.	14.9	72
4	Beetle-Inspired Hierarchical Antibacterial Interface for Reliable Fog Harvesting. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 34330-34337.	8.0	70
5	Exploring the Potential of Biocompatible Osmoprotectants as Highly Efficient Cryoprotectants. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 42516-42524.	8.0	60
6	Amphiphilic Marine Antifouling Coatings Based on a Hydrophilic Polyvinylpyrrolidone and Hydrophobic Fluorine-Silicon-Containing Block Copolymer. <i>Langmuir</i> , 2020, 36, 14573-14581.	3.5	49
7	Betaine Combined with Membrane Stabilizers Enables Solvent-Free Whole Blood Cryopreservation and One-Step Cryoprotectant Removal. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 1083-1091.	5.2	31
8	Environment-Resistant Organohydrogel-Based Sensor Enables Highly Sensitive Strain, Temperature, and Humidity Responses. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 23692-23700.	8.0	27
9	Advanced Biotechnology for Cell Cryopreservation. <i>Transactions of Tianjin University</i> , 2020, 26, 409-423.	6.4	25
10	A Zwitterionic-Aromatic Motif-Based ionic skin for highly biocompatible and Glucose-Responsive sensor. <i>Journal of Colloid and Interface Science</i> , 2021, 600, 561-571.	9.4	21
11	Mussel-inspired triblock functional protein coating with endothelial cell selectivity for endothelialization. <i>Journal of Colloid and Interface Science</i> , 2020, 576, 68-78.	9.4	19
12	Universal Intraductal Surface Antifouling Coating Based on an Amphiphilic Copolymer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 21051-21059.	8.0	19
13	Encapsulation of AgNPs within Zwitterionic Hydrogels for Highly Efficient and Antifouling Catalysis in Biological Environments. <i>Langmuir</i> , 2019, 35, 1563-1570.	3.5	17
14	A Degradable-Renewable Ionic Skin Based on Edible Glutinous Rice Gel. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 5122-5133.	8.0	17
15	A zwitterionic hydrogel coated titanium surface with high-efficiency endothelial cell selectivity for rapid re-endothelialization. <i>Biomaterials Science</i> , 2020, 8, 5441-5451.	5.4	16
16	A hemocompatible cryoprotectant inspired by freezing-tolerant plants. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 176, 106-114.	5.0	14
17	Nanoliposomal multi-drug delivery system with reduced toxicity and multi-drug resistance. <i>Journal of Materials Science</i> , 2019, 54, 9718-9728.	3.7	11
18	Size-Dependent Uptake and Distribution of AgNPs by Silkworms. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 460-468.	6.7	11