

Zhongrong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

394
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

318
citing authors

#	ARTICLE	IF	CITATIONS
1	Coaxial structured drug loaded dressing combined with induced stem cell differentiation for enhanced wound healing. <i>Materials Science and Engineering C</i> , 2022, 134, 112542.	7.3	8
2	The Group 3 LEA proteins of <i>Artemia franciscana</i> for cryopreservation. <i>Cryobiology</i> , 2022, 106, 1-12.	0.7	2
3	Hydrogel Microencapsulation Enhances Cryopreservation of Red Blood Cells with Trehalose. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2066-2075.	5.2	6
4	Electrospun nanofibers promote wound healing: theories, techniques, and perspectives. <i>Journal of Materials Chemistry B</i> , 2021, 9, 3106-3130.	5.8	109
5	Stencil Printing of Liquid Metal upon Electrospun Nanofibers Enables High-Performance Flexible Electronics. <i>ACS Nano</i> , 2021, 15, 19364-19376.	14.6	97
6	Hydrogel-Based Multifunctional Dressing Combining Magnetothermally Responsive Drug Delivery and Stem Cell Therapy for Enhanced Wound Healing. <i>Advanced Therapeutics</i> , 2020, 3, 2000001.	3.2	16
7	Multifunctional Photo- and Magneto-responsive Graphene Oxide- Fe_3O_4 Nanocomposite-Alginate Hydrogel Platform for Ice Recrystallization Inhibition. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 12379-12388.	8.0	35
8	The Unusual Properties of Polytetrafluoroethylene Enable Massive Volume Vitrification of Stem Cells with Low Concentration Cryoprotectants. <i>Advanced Materials Technologies</i> , 2019, 4, 1800289.	5.8	20
9	Dual Suppression Effect of Magnetic Induction Heating and Microencapsulation on Ice Crystallization Enables Low-Cryoprotectant Vitrification of Stem Cell-Alginate Hydrogel Constructs. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 16822-16835.	8.0	67
10	Near-infrared laser mediated modulation of ice crystallization by two-dimensional nanosheets enables high-survival recovery of biological cells from cryogenic temperatures. <i>Nanoscale</i> , 2018, 10, 11760-11774.	5.6	33
11	Recent progress of mechanism of mineralization process induced by Ta_2O_5 / PCL scaffolds. <i>Journal of Applied Polymer Science</i> , 0, , .	2.6	1