

# Zhongrong Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4314483/publications.pdf>

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