

# Lingxiao Shen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7967231/publications.pdf>

Version: 2024-02-01

9  
papers

72  
citations

1684188

5  
h-index

1588992

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g-index

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9  
docs citations

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times ranked

53  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine-tuned dehydration by trehalose enables the cryopreservation of RBCs with unusually low concentrations of glycerol. <i>Journal of Materials Chemistry B</i> , 2021, 9, 295-306.	5.8	23
2	Effect of hydroxyapatite nanoparticles on osmotic responses of pig iliac endothelial cells. <i>Cryobiology</i> , 2014, 69, 273-280.	0.7	12
3	Hydrogel Microfiber Encapsulation Enhances Cryopreservation of Human Red Blood Cells with Low Concentrations of Glycerol. <i>Biopreservation and Biobanking</i> , 2020, 18, 228-234.	1.0	11
4	Label-Free and Noninvasive Single-Cell Characterization for the Viscoelastic Properties of Cryopreserved Human Red Blood Cells Using a Dielectrophoresis-On-a-Chip Approach. <i>Analytical Chemistry</i> , 2022, 94, 10245-10255.	6.5	9
5	Heat transfer analysis of a self-designed cooling rate controllable device and its application for cryopreservation of biological cells. <i>Applied Thermal Engineering</i> , 2019, 148, 768-776.	6.0	7
6	Hydrogel Microencapsulation Enhances Cryopreservation of Red Blood Cells with Trehalose. <i>ACS Biomaterials Science and Engineering</i> , 2022, 8, 2066-2075.	5.2	6
7	Water-transport and intracellular ice formation of human adipose-derived stem cells during freezing. <i>Journal of Thermal Biology</i> , 2020, 93, 102689.	2.5	3
8	Improvement of a Simple and Cost-Effective Passive Cooling Rate-Controlled Device for Cell/Tissue Cryopreservation. <i>Biopreservation and Biobanking</i> , 2017, 15, 432-437.	1.0	1
9	A multi-emitter ultrasonic flatness detecting device. <i>Applied Acoustics</i> , 2020, 167, 107414.	3.3	0