

Lingxiao Shen

List of Publications by Year in descending order

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citing authors

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