

Chenyan Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Progressive Myofibril Reorganization of Human Cardiomyocytes on a Dynamic Nanotopographic Substrate. ACS Applied Materials & Interfaces, 2020, 12, 21450-21462.	8.0	20
2	Stimuli-responsive biomaterials for cardiac tissue engineering and dynamic mechanobiology. APL Bioengineering, 2021, 5, 011506.	6.2	20
3	Micro-engineered architected metamaterials for cell and tissue engineering. Materials Today Advances, 2022, 13, 100206.	5.2	15
4	Maladaptive Contractility of 3D Human Cardiac Microtissues to Mechanical Nonuniformity. Advanced Healthcare Materials, 2020, 9, e1901373.	7.6	12
5	Inhibitors of the ubiquitin proteasome system block myofibril assembly in cardiomyocytes derived from chick embryos and human pluripotent stem cells. Cytoskeleton, 2021, 78, 461-491.	2.0	6
6	Serum-Free Manufacturing of Mesenchymal Stem Cell Tissue Rings Using Human-Induced Pluripotent Stem Cells. Stem Cells International, 2019, 2019, 1-11.	2.5	4
7	Profiling the responsiveness of focal adhesions of human cardiomyocytes to extracellular dynamic nano-topography. Bioactive Materials, 2022, 10, 367-377.	15.6	4
8	Remodeling of Architected Mesenchymal Microtissues Generated on Mechanical Metamaterials. 3D Printing and Additive Manufacturing, 2022, 9, 483-489.	2.9	3
9	Architected mechanical designs in tissue engineering. MRS Communications, 2020, 10, 379-390.	1.8	2
10	Cardiac Microtissues: Maladaptive Contractility of 3D Human Cardiac Microtissues to Mechanical Nonuniformity (Adv. Healthcare Mater. 8/2020). Advanced Healthcare Materials, 2020, 9, 2070024.	7.6	1