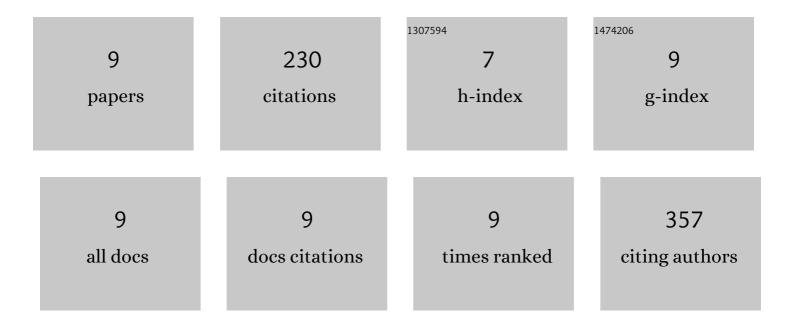
Feng Zhang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Multifunctional 3D electrode platform for real-time in situ monitoring and stimulation of cardiac tissues. Biosensors and Bioelectronics, 2018, 112, 149-155.	10.1	46
2	Electrical stimulation of neonatal rat cardiomyocytes using conductive polydopamine-reduced graphene oxide-hybrid hydrogels for constructing cardiac microtissues. Colloids and Surfaces B: Biointerfaces, 2021, 205, 111844.	5.0	46
3	Design and fabrication of an integrated heart-on-a-chip platform for construction of cardiac tissue from human iPSC-derived cardiomyocytes and in situ evaluation of physiological function. Biosensors and Bioelectronics, 2021, 179, 113080.	10.1	36
4	Easy Applied Gelatin-Based Hydrogel System for Long-Term Functional Cardiomyocyte Culture and Myocardium Formation. ACS Biomaterials Science and Engineering, 2019, 5, 3022-3031.	5.2	28
5	Gelatin-based hydrogels combined with electrical stimulation to modulate neonatal rat cardiomyocyte beating and promote maturation. Bio-Design and Manufacturing, 2021, 4, 100-110.	7.7	25
6	MicroRNA-34a modulates the Notch signaling pathway in mice with congenital heart disease and its role in heart development. Journal of Molecular and Cellular Cardiology, 2018, 114, 300-308.	1.9	21
7	High-aspect-ratio water-dispersed gold nanowires incorporated within gelatin methacrylate hydrogels for constructing cardiac tissues <i>in vitro</i> . Journal of Materials Chemistry B, 2020, 8, 7213-7224.	5.8	21
8	Optimization of Circular Waveguide Microwave Sensor for Gas-Solid Two-Phase Flow Parameters Measurement. IEEE Sensors Journal, 2021, 21, 7604-7612.	4.7	6
9	The application of next-generation sequencing techniques in studying transcriptional regulation in embryonic stem cells. Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji, 2017, 39, 717-725.	0.2	1