

# Feng Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6294512/publications.pdf>

Version: 2024-02-01

9  
papers

230  
citations

1307594

7  
h-index

1474206

9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

357  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multifunctional 3D electrode platform for real-time in situ monitoring and stimulation of cardiac tissues. <i>Biosensors and Bioelectronics</i> , 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. <i>Colloids and Surfaces B: Biointerfaces</i> , 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. <i>Biosensors and Bioelectronics</i> , 2021, 179, 113080.	10.1	36
4	Easy Applied Gelatin-Based Hydrogel System for Long-Term Functional Cardiomyocyte Culture and Myocardium Formation. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 3022-3031.	5.2	28
5	Gelatin-based hydrogels combined with electrical stimulation to modulate neonatal rat cardiomyocyte beating and promote maturation. <i>Bio-Design and Manufacturing</i> , 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. <i>Journal of Molecular and Cellular Cardiology</i> , 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> . <i>Journal of Materials Chemistry B</i> , 2020, 8, 7213-7224.	5.8	21
8	Optimization of Circular Waveguide Microwave Sensor for Gas-Solid Two-Phase Flow Parameters Measurement. <i>IEEE Sensors Journal</i> , 2021, 21, 7604-7612.	4.7	6
9	The application of next-generation sequencing techniques in studying transcriptional regulation in embryonic stem cells. <i>Yi Chuan = Hereditas / Zhongguo Yi Chuan Xue Hui Bian Ji</i> , 2017, 39, 717-725.	0.2	1