

Erika Yan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

960
citations

759233

12
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

1314
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Fabrication of Biological Wires for Cardiac Fibrosis Disease Modeling. <i>Methods in Molecular Biology</i> , 2022, , 175-190.	0.9	4
2	Heart-on-a-Chip Platform for Assessing Toxicity of Air Pollution Related Nanoparticles. <i>Advanced Materials Technologies</i> , 2021, 6, 2000726.	5.8	22
3	A well plate-based multiplexed platform for incorporation of organoids into an organ-on-a-chip system with a perfusable vasculature. <i>Nature Protocols</i> , 2021, 16, 2158-2189.	12.0	51
4	An organ-on-a-chip model for pre-clinical drug evaluation in progressive non-genetic cardiomyopathy. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 160, 97-110.	1.9	23
5	Towards chamber specific heart-on-a-chip for drug testing applications. <i>Advanced Drug Delivery Reviews</i> , 2020, 165-166, 60-76.	13.7	52
6	Mapping signalling perturbations in myocardial fibrosis via the integrative phosphoproteomic profiling of tissue from diverse sources. <i>Nature Biomedical Engineering</i> , 2020, 4, 889-900.	22.5	17
7	Recapitulating Pancreatic Tumor Microenvironment through Synergistic Use of Patient Organoids and Organ-on-a-Chip Vasculature. <i>Advanced Functional Materials</i> , 2020, 30, 2000545.	14.9	62
8	A Platform for Generation of Chamber-Specific Cardiac Tissues and Disease Modeling. <i>Cell</i> , 2019, 176, 913-927.e18.	28.9	398
9	Biowire Model of Interstitial and Focal Cardiac Fibrosis. <i>ACS Central Science</i> , 2019, 5, 1146-1158.	11.3	78
10	Rapid Wire Casting: A Multimaterial Microphysiological Platform Enabled by Rapid Casting of Elastic Microwires (<i>Adv. Healthcare Mater.</i> 5/2019). <i>Advanced Healthcare Materials</i> , 2019, 8, 1970019.	7.6	1
11	A Multimaterial Microphysiological Platform Enabled by Rapid Casting of Elastic Microwires. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801187.	7.6	26
12	Cardiovascular disease models: A game changing paradigm in drug discovery and screening. <i>Biomaterials</i> , 2019, 198, 3-26.	11.4	149
13	High-Content Assessment of Cardiac Function Using Heart-on-a-Chip Devices as Drug Screening Model. <i>Stem Cell Reviews and Reports</i> , 2017, 13, 335-346.	5.6	59
14	Biophysical stimulation for <i>in vitro</i> engineering of functional cardiac tissues. <i>Clinical Science</i> , 2017, 131, 1393-1404.	4.3	18