

Rick Lu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6398638/publications.pdf>

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11
papers

630
citations

933447

10
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

969
citing authors

#	ARTICLE	IF	CITATIONS
1	Organ-on-a-Chip Platforms: A Convergence of Advanced Materials, Cells, and Microscale Technologies. <i>Advanced Healthcare Materials</i> , 2018, 7, 1700506.	7.6	227
2	InVADE: Integrated Vasculature for Assessing Dynamic Events. <i>Advanced Functional Materials</i> , 2017, 27, 1703524.	14.9	62
3	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
4	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
5	h-FIBER: Microfluidic Topographical Hollow Fiber for Studies of Glomerular Filtration Barrier. <i>ACS Central Science</i> , 2020, 6, 903-912.	11.3	59
6	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
7	Organ-on-a-chip platforms for evaluation of environmental nanoparticle toxicity. <i>Bioactive Materials</i> , 2021, 6, 2801-2819.	15.6	37
8	Vasculature-on-a-chip platform with innate immunity enables identification of angiotensin-1 derived peptide as a therapeutic for SARS-CoV-2 induced inflammation. <i>Lab on A Chip</i> , 2022, 22, 1171-1186.	6.0	27
9	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
10	Heart-on-a-Chip Platform for Assessing Toxicity of Air Pollution Related Nanoparticles. <i>Advanced Materials Technologies</i> , 2021, 6, 2000726.	5.8	22
11	Organ-on-a-Chip: InVADE: Integrated Vasculature for Assessing Dynamic Events (<i>Adv. Funct. Mater.</i>)	14.9	62