

Kambez H Benam

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11061123/publications.pdf>

Version: 2024-02-01

17
papers

1,824
citations

758635

12
h-index

940134

16
g-index

19
all docs

19
docs citations

19
times ranked

2983
citing authors

#	ARTICLE	IF	CITATIONS
1	A human-airway-on-a-chip for the rapid identification of candidate antiviral therapeutics and prophylactics. <i>Nature Biomedical Engineering</i> , 2021, 5, 815-829.	11.6	228
2	A robotic system for real-time analysis of inhaled submicron and microparticles. <i>IScience</i> , 2021, 24, 103091.	1.9	5
3	Editorial: Accelerated Translation Using Microphysiological Organoid and Microfluidic Chip Models. <i>Frontiers in Pharmacology</i> , 2021, 12, 827172.	1.6	4
4	Biomimetic smoking robot for in vitro inhalation exposure compatible with microfluidic organ chips. <i>Nature Protocols</i> , 2020, 15, 183-206.	5.5	30
5	Where We Stand: Lung Organotypic Living Systems That Emulate Human-Relevant Host-Environment/Pathogen Interactions. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 989.	2.0	21
6	Exploring new technologies in biomedical research. <i>Drug Discovery Today</i> , 2019, 24, 1242-1247.	3.2	16
7	How the Respiratory Epithelium Senses and Reacts to Influenza Virus. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 60, 259-268.	1.4	21
8	Innovative Technologies for Advancement of WHO Risk Group 4 Pathogens Research. , 2019, , 437-469.		5
9	Advanced Microengineered Lung Models for Translational Drug Discovery. <i>SLAS Discovery</i> , 2018, 23, 777-789.	1.4	24
10	Breaking the <i>In Vitro</i> Barrier in Respiratory Medicine. Engineered Microphysiological Systems for Chronic Obstructive Pulmonary Disease and Beyond. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 869-875.	2.5	19
11	Disrupting Experimental Strategies for Inhalation Toxicology: The Emergence of Microengineered Breathing-Smoking Human Lung-on-a-Chip. <i>Applied in Vitro Toxicology</i> , 2018, 4, 107-114.	0.6	5
12	Mucociliary Defense: Emerging Cellular, Molecular, and Animal Models. <i>Annals of the American Thoracic Society</i> , 2018, 15, S210-S215.	1.5	23
13	Human Lung Small Airway-on-a-Chip Protocol. <i>Methods in Molecular Biology</i> , 2017, 1612, 345-365.	0.4	58
14	Commendation for Exposing Key Advantage of Organ Chip Approach. <i>Cell Systems</i> , 2016, 3, 411.	2.9	9
15	Matched-Comparative Modeling of Normal and Diseased Human Airway Responses Using a Microengineered Breathing Lung Chip. <i>Cell Systems</i> , 2016, 3, 456-466.e4.	2.9	227
16	Small airway-on-a-chip enables analysis of human lung inflammation and drug responses in vitro. <i>Nature Methods</i> , 2016, 13, 151-157.	9.0	620
17	Engineered In Vitro Disease Models. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2015, 10, 195-262.	9.6	442