

# Jessie Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

1,565  
citations

623574

14  
h-index

610775

24  
g-index

33  
all docs

33  
docs citations

33  
times ranked

3160  
citing authors

#	ARTICLE	IF	CITATIONS
1	SARS-CoV-2 Infection of Pluripotent Stem Cell-Derived Human Lung Alveolar Type 2 Cells Elicits a Rapid Epithelial-Intrinsic Inflammatory Response. <i>Cell Stem Cell</i> , 2020, 27, 962-973.e7.	5.2	266
2	SARS-CoV-2 induces double-stranded RNA-mediated innate immune responses in respiratory epithelial-derived cells and cardiomyocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	159
3	Glycolysis is the primary bioenergetic pathway for cell motility and cytoskeletal remodeling in human prostate and breast cancer cells. <i>Oncotarget</i> , 2015, 6, 130-143.	0.8	151
4	Morphological cell profiling of SARS-CoV-2 infection identifies drug repurposing candidates for COVID-19. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	124
5	Reconstructed Single-Cell Fate Trajectories Define Lineage Plasticity Windows during Differentiation of Human PSC-Derived Distal Lung Progenitors. <i>Cell Stem Cell</i> , 2020, 26, 593-608.e8.	5.2	114
6	Actionable Cytopathogenic Host Responses of Human Alveolar Type 2 Cells to SARS-CoV-2. <i>Molecular Cell</i> , 2020, 80, 1104-1122.e9.	4.5	94
7	Organoids Model Transcriptional Hallmarks of Oncogenic KRAS Activation in Lung Epithelial Progenitor Cells. <i>Cell Stem Cell</i> , 2020, 27, 663-678.e8.	5.2	86
8	Defining an olfactory receptor function in airway smooth muscle cells. <i>Scientific Reports</i> , 2016, 6, 38231.	1.6	83
9	An inflammation-independent contraction mechanophenotype of airway smooth muscle in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 294-297.e4.	1.5	52
10	Asporin Restricts Mesenchymal Stromal Cell Differentiation, Alters the Tumor Microenvironment, and Drives Metastatic Progression. <i>Cancer Research</i> , 2019, 79, 3636-3650.	0.4	47
11	YAP and TAZ regulate cell volume. <i>Journal of Cell Biology</i> , 2019, 218, 3472-3488.	2.3	39
12	TGF $\beta$ 1 reinforces arterial aging in the vascular smooth muscle cell through a long-range regulation of the cytoskeletal stiffness. <i>Scientific Reports</i> , 2018, 8, 2668.	1.6	33
13	Germline Variants in Asporin Vary by Race, Modulate the Tumor Microenvironment, and Are Differentially Associated with Metastatic Prostate Cancer. <i>Clinical Cancer Research</i> , 2016, 22, 448-458.	3.2	29
14	Androgen-Regulated SPARCL1 in the Tumor Microenvironment Inhibits Metastatic Progression. <i>Cancer Research</i> , 2015, 75, 4322-4334.	0.4	23
15	Heterogeneity in Human Induced Pluripotent Stem Cell-derived Alveolar Epithelial Type II Cells Revealed with ABCA3/SFTPC Reporters. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 65, 442-460.	1.4	19
16	Human airway lineages derived from pluripotent stem cells reveal the epithelial responses to SARS-CoV-2 infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L462-L478.	1.3	17
17	Air-liquid interface culture promotes maturation and allows environmental exposure of pluripotent stem cell-derived alveolar epithelium. <i>JCI Insight</i> , 2022, 7, .	2.3	17
18	Positive End-expiratory Pressure Increments during Anesthesia in Normal Lung Result in Hysteresis and Greater Numbers of Smaller Aerated Airspaces. <i>Anesthesiology</i> , 2013, 119, 1402-1409.	1.3	14

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19	Role of Isocitrate Dehydrogenase 2 on DNA Hydroxymethylation in Human Airway Smooth Muscle Cells. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 36-45.	1.4	12
20	The odorant receptor OR2W3 on airway smooth muscle evokes bronchodilation via a cooperative chemosensory tradeoff between TMEM16A and CFTR. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28485-28495.	3.3	11
21	Recombinant Lloviu virus as a tool to study viral replication and host responses. PLoS Pathogens, 2022, 18, e1010268.	2.1	11
22	CRISPR interference interrogation of COPD GWAS genes reveals the functional significance of desmoplakin in iPSC-derived alveolar epithelial cells. Science Advances, 2022, 8, .	4.7	6
23	Induced pluripotent stem cells for generating lung alveolar epithelial cells and modelling respiratory disease. , 2021, , 205-221.		2
24	Generating 3D Spheres and 2D Air-Liquid Interface Cultures of Human Induced Pluripotent Stem Cell-Derived Type 2 Alveolar Epithelial Cells. Journal of Visualized Experiments, 2022, , .	0.2	1