Minzhe Guo

List of Publications by Year in descending order

20 papers	1,834 citations	687363 13 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	3536 citing authors

#	Article	IF	Citations
1	SINCERA: A Pipeline for Single-Cell RNA-Seq Profiling Analysis. PLoS Computational Biology, 2015, 11, e1004575.	3.2	313
2	Single-cell meta-analysis of SARS-CoV-2 entry genes across tissues and demographics. Nature Medicine, 2021, 27, 546-559.	30.7	261
3	The Cellular and Physiological Basis for Lung Repair and Regeneration: Past, Present, and Future. Cell Stem Cell, 2020, 26, 482-502.	11.1	230
4	Single cell RNA analysis identifies cellular heterogeneity and adaptive responses of the lung at birth. Nature Communications, 2019, 10, 37.	12.8	165
5	'LungGENS': a web-based tool for mapping single-cell gene expression in the developing lung: FigureÂ1. Thorax, 2015, 70, 1092-1094.	5.6	133
6	Overexpression of Tbx20 in Adult Cardiomyocytes Promotes Proliferation and Improves Cardiac Function After Myocardial Infarction. Circulation, 2016, 133, 1081-1092.	1.6	133
7	Single-cell multiomic profiling of human lungs reveals cell-type-specific and age-dynamic control of SARS-CoV2 host genes. ELife, 2020, 9, .	6.0	129
8	Lung Gene Expression Analysis (LGEA): an integrative web portal for comprehensive gene expression data analysis in lung development. Thorax, 2017, 72, 481-484.	5.6	122
9	SLICE: determining cell differentiation and lineage based on single cell entropy. Nucleic Acids Research, 2017, 45, gkw1278.	14.5	102
10	A census of the lung: CellCards from LungMAP. Developmental Cell, 2022, 57, 112-145.e2.	7.0	67
11	Postnatal Alveologenesis Depends on FOXF1 Signaling in c-KIT[+] Endothelial Progenitor Cells. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1164-1176.	5.6	49
12	SOX2 suppresses CDKN1A to sustain growth of lung squamous cell carcinoma. Scientific Reports, 2016, 6, 20113.	3.3	32
13	Glucocorticoid regulates mesenchymal cell differentiation required for perinatal lung morphogenesis and function. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2020, 319, L239-L255.	2.9	19
14	iPSC–endothelial cell phenotypic drug screening and in silico analyses identify tyrphostin-AG1296 for pulmonary arterial hypertension. Science Translational Medicine, 2021, 13, .	12.4	17
15	The balance between protective and pathogenic immune responses to pneumonia in the neonatal lung is enforced by gut microbiota. Science Translational Medicine, 2022, 14, .	12.4	17
16	Single-Cell Transcriptome Analysis Using SINCERA Pipeline. Methods in Molecular Biology, 2018, 1751, 209-222.	0.9	13
17	Inflammatory blockade prevents injury to the developing pulmonary gas exchange surface in preterm primates. Science Translational Medicine, 2022, 14, eabl8574.	12.4	10
18	CRISPRi-mediated functional analysis of lung disease-associated loci at non-coding regions. NAR Genomics and Bioinformatics, 2020, 2, lqaa036.	3.2	7

#	Article	IF	Citations
19	Web Service-Enabled Spam Filtering with Na&#x00EF;ve Bayes Classification. , 2015, , .		6
20	Mechanism design for Data Replica Placement (DRP) problem in strategic settings. Journal of Information Privacy and Security, 2016, 12, 32-54.	0.4	0