Kong Chen

List of Publications by Year
in descending order

58	2,946	279798	182427
papers	citations	23 h-index	51 g-index

73	73	73	5379
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Protein arginine N-methyltransferase 4 (PRMT4) contributes to lymphopenia in experimental sepsis. Thorax, 2023, 78, 383-393.	5.6	5
2	CD4⁺T-Cell Dysfunction in Severe COVID-19 Disease Is Tumor Necrosis Factor-Î±/Tumor Necrosis Factor Receptor 1â€“Dependent. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1403-1418.	5.6	21
3	Modulation of tissue resident memory T cells by glucocorticoids after acute cellular rejection in lung transplantation. Journal of Experimental Medicine, 2022, 219, .	8.5	18
4	Lipopolysaccharide-Mediated Chronic Inflammation Promotes Tobacco Carcinogenâ€“Induced Lung Cancer and Determines the Efficacy of Immunotherapy. Cancer Research, 2021, 81, 144-157.	0.9	52
5	Type-1 immunity and endogenous immune regulators predominate in the airway transcriptome during chronic lung allograft dysfunction. American Journal of Transplantation, 2021, 21, 2145-2160.	4.7	23
6	A road map from single-cell transcriptome to patient classification for the immune response to trauma. JCI Insight, 2021, 6, .	5.0	29
7	Editorial: The IL-17 Cytokine Family in Tissue Homeostasis and Disease. Frontiers in Immunology, 2021, 12, 641986.	4.8	2
8	Nrf2 through Aryl Hydrocarbon Receptor Regulates IL-22 Response in CD4+ T Cells. Journal of Immunology, 2021, 206, 1540-1548.	0.8	9
9	Single cell RNA sequencing identifies IGFBP5 and QKI as ciliated epithelial cell genes associated with severe COPD. Respiratory Research, 2021, 22, 100.	3.6	18
10	CD16+CD163+ monocytes traffic to sites of inflammation during necrotizing enterocolitis in premature infants. Journal of Experimental Medicine, 2021, 218, .	8.5	28
11	Treg cell-derived osteopontin promotes microglia-mediated white matter repair after ischemic stroke. Immunity, 2021, 54, 1527-1542.e8.	14.3	163
12	A resource of high-quality and versatile nanobodies for drug delivery. IScience, 2021, 24, 103014.	4.1	19
13	Î²-Agonist exposure preferentially impacts lung macrophage cyclic AMP-related gene expression in asthma and asthma COPD overlap syndrome. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L837-L843.	2.9	5
14	Vaccine-driven lung TRM cells provide immunity against Klebsiella via fibroblast IL-17R signaling. Science Immunology, 2021, 6, eabf1198.	11.9	28
15	Endotoxin stabilizes protein arginine methyltransferase 4 (PRMT4) protein triggering death of lung epithelia. Cell Death and Disease, 2021, 12, 828.	6.3	7
16	Insulin is expressed by enteroendocrine cells during human fetal development. Nature Medicine, 2021, 27, 2104-2107.	30.7	22
17	Artificial-cell-type aware cell-type classification in CITE-seq. Bioinformatics, 2020, 36, i542-i550.	4.1	10
18	GMM-Demux: sample demultiplexing, multiplet detection, experiment planning, and novel cell-type verification in single cell sequencing. Genome Biology, 2020, 21, 188.	8.8	37

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19	BREM-SC: a bayesian random effects mixture model for joint clustering single cell multi-omics data. Nucleic Acids Research, 2020, 48, 5814-5824.	14.5	50
20	Tumor Necrosis Factor Alpha Regulates Skeletal Myogenesis by Inhibiting SP1 Interaction with cis-Acting Regulatory Elements within the Fbxl2 Gene Promoter. Molecular and Cellular Biology, 2020, 40, .	2.3	6
21	Simultaneous Measurement of Surface Proteins and Gene Expression from Single Cells. Methods in Molecular Biology, 2020, 2111, 35-46.	0.9	8
22	Analysis of Transcriptional Profiling of Immune Cells at the Single-Cell Level. Methods in Molecular Biology, 2020, 2111, 47-57.	0.9	8
23	Epigenetic Regulation of IL-17-Induced Chemokines in Lung Epithelial Cells. Mediators of Inflammation, 2019, 2019, 1-11.	3.0	13
24	Transcriptomic Responses to Ivacaftor and Prediction of Ivacaftor Clinical Responsiveness. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 643-652.	2.9	23
25	A Bayesian mixture model for clustering droplet-based single-cell transcriptomic data from population studies. Nature Communications, 2019, 10, 1649.	12.8	56
26	Intestinal IL-17R Signaling Constrains IL-18-Driven Liver Inflammation by the Regulation of Microbiome-Derived Products. Cell Reports, 2019, 29, 2270-2283.e7.	6.4	16
27	Interleukin-22 (IL-22) Binding Protein Constrains IL-22 Activity, Host Defense, and Oxidative Phosphorylation Genes during Pneumococcal Pneumonia. Infection and Immunity, 2019, 87, .	2.2	16
28	FBXO17 promotes cell proliferation through activation of Akt in lung adenocarcinoma cells. Respiratory Research, 2018, 19, 206.	3.6	22
29	Bacterial and Pneumocystis Infections in the Lungs of Gene-Knockout Rabbits with Severe Combined Immunodeficiency. Frontiers in Immunology, 2018, 9, 429.	4.8	17
30	Interluekin-17A (IL17A). Gene, 2017, 614, 8-14.	2.2	121
31	Epigenetic and Transcriptomic Regulation of Lung Repair during Recovery from Influenza Infection. American Journal of Pathology, 2017, 187, 851-863.	3.8	47
32	AIM2 Inflammasome Is Critical for Influenza-Induced Lung Injury and Mortality. Journal of Immunology, 2017, 198, 4383-4393.	0.8	85
33	STAT1 Represses Cytokine-Producing Group 2 and Group 3 Innate Lymphoid Cells during Viral Infection. Journal of Immunology, 2017, 199, 510-519.	0.8	54
34	Pneumocystis -Driven Inducible Bronchus-Associated Lymphoid Tissue Formation Requires Th2 and Th17 Immunity. Cell Reports, 2017, 18, 3078-3090.	6.4	57
35	Ectopic colonization of oral bacteria in the intestine drives T _H 1 cell induction and inflammation. Science, 2017, 358, 359-365.	12.6	612
36	PTENtiating CFTR for Antimicrobial Immunity. Immunity, 2017, 47, 1014-1016.	14.3	0

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37	Th17 Cytokines and Barrier Functions. Mediators of Inflammation, 2016, 2016, 1-2.	3.0	3
38	Antiinflammatory effects of bromodomain and extraterminal domain inhibition in cystic fibrosis lung inflammation. JCI Insight, 2016, 1, .	5.0	21
39	Acinetobacter baumanniiInfection and IL-17 Mediated Immunity. Mediators of Inflammation, 2016, 2016, 1-5.	3.0	20
40	Pulmonary Th17 Antifungal Immunity Is Regulated by the Gut Microbiome. Journal of Immunology, 2016, 197, 97-107.	0.8	108
41	Critical Role of IL-22/IL22-RA1 Signaling in Pneumococcal Pneumonia. Journal of Immunology, 2016, 197, 1877-1883.	0.8	42
42	IL-17 Receptor Signaling in the Lung Epithelium Is Required for Mucosal Chemokine Gradients and Pulmonary Host Defense against K.Apneumoniae. Cell Host and Microbe, 2016, 20, 596-605.	11.0	115
43	Dose-Dependent Suppression of Cytokine production from T cells by a Novel Phosphoinositide 3-Kinase Delta Inhibitor. Scientific Reports, 2016, 6, 30384.	3.3	17
44	Ethanol Impairs Mucosal Immunity against Streptococcus pneumoniae Infection by Disrupting Interleukin 17 Gene Expression. Infection and Immunity, 2015, 83, 2082-2088.	2.2	16
45	Microbial Ligand Costimulation Drives Neutrophilic Steroid-Refractory Asthma. PLoS ONE, 2015, 10, e0134219.	2.5	34
46	Anti-CD20 Antibody Therapy and Susceptibility to Pneumocystis Pneumonia. Infection and Immunity, 2015, 83, 2043-2052.	2.2	55
47	RNA-seq in Pulmonary Medicine: How Much Is Enough?. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 389-391.	5.6	11
48	MCPIP1 Endoribonuclease Activity Negatively Regulates Interleukin-17-Mediated Signaling and Inflammation. Immunity, 2015, 43, 475-487.	14.3	125
49	Vaccine approaches for multidrug resistant Gram negative infections. Current Opinion in Immunology, 2014, 28, 84-89.	5.5	12
50	Mucosal Pre-Exposure to Th17-Inducing Adjuvants Exacerbates Pathology after Influenza Infection. American Journal of Pathology, 2014, 184, 55-63.	3.8	34
51	Ex Vivo Generation of CD4+ Th17 Cells to Prevent and Treat Infection from Antibiotic-Resistant Klebsiella Pneumoniae in Immunocompromised Patients. Blood, 2014, 124, 2445-2445.	1.4	1
52	Dysregulation in lung immunity â€" The protective and pathologic Th17 response in infection. European Journal of Immunology, 2013, 43, 3116-3124.	2.9	34
53	Patients with cystic fibrosis have inducible IL-17+IL-22+ memory cells in lung draining lymph nodes. Journal of Allergy and Clinical Immunology, 2013, 131, 1117-1129.e5.	2.9	66
54	T Cellâ€"Mediated Host Immune Defenses in the Lung. Annual Review of Immunology, 2013, 31, 605-633.	21.8	187

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55	Ex Vivo Generation Of CD4+ T Cells To Prevent and Treat Infection From Antibiotic-Resistant Klebsiella Pneumoniae In Immunocompromised Patients. Blood, 2013, 122, 2022-2022.	1.4	1
56	Th17 Cells Mediate Clade-Specific, Serotype-Independent Mucosal Immunity. Immunity, 2011, 35, 997-1009.	14.3	158
57	IL-17RA Is Required for CCL2 Expression, Macrophage Recruitment, and Emphysema in Response to Cigarette Smoke. PLoS ONE, 2011, 6, e20333.	2.5	142
58	FL-CTL assay: Fluorolysometric determination of cell-mediated cytotoxicity using green fluorescent protein and red fluorescent protein expressing target cells. Journal of Immunological Methods, 2005, 300, 100-114.	1.4	22