

Kong Chen

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

2,946
citations

279798

23
h-index

182427

51
g-index

73
all docs

73
docs citations

73
times ranked

5379
citing authors

#	ARTICLE	IF	CITATIONS
1	Ectopic colonization of oral bacteria in the intestine drives T _H 1 cell induction and inflammation. <i>Science</i> , 2017, 358, 359-365.	12.6	612
2	T Cell-Mediated Host Immune Defenses in the Lung. <i>Annual Review of Immunology</i> , 2013, 31, 605-633.	21.8	187
3	Treg cell-derived osteopontin promotes microglia-mediated white matter repair after ischemic stroke. <i>Immunity</i> , 2021, 54, 1527-1542.e8.	14.3	163
4	Th17 Cells Mediate Clade-Specific, Serotype-Independent Mucosal Immunity. <i>Immunity</i> , 2011, 35, 997-1009.	14.3	158
5	IL-17RA Is Required for CCL2 Expression, Macrophage Recruitment, and Emphysema in Response to Cigarette Smoke. <i>PLoS ONE</i> , 2011, 6, e20333.	2.5	142
6	MCPIP1 Endoribonuclease Activity Negatively Regulates Interleukin-17-Mediated Signaling and Inflammation. <i>Immunity</i> , 2015, 43, 475-487.	14.3	125
7	Interleukin-17A (IL17A). <i>Gene</i> , 2017, 614, 8-14.	2.2	121
8	IL-17 Receptor Signaling in the Lung Epithelium Is Required for Mucosal Chemokine Gradients and Pulmonary Host Defense against <i>K. pneumoniae</i> . <i>Cell Host and Microbe</i> , 2016, 20, 596-605.	11.0	115
9	Pulmonary Th17 Antifungal Immunity Is Regulated by the Gut Microbiome. <i>Journal of Immunology</i> , 2016, 197, 97-107.	0.8	108
10	AIM2 Inflammasome Is Critical for Influenza-Induced Lung Injury and Mortality. <i>Journal of Immunology</i> , 2017, 198, 4383-4393.	0.8	85
11	Patients with cystic fibrosis have inducible IL-17+IL-22+ memory cells in lung draining lymph nodes. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 1117-1129.e5.	2.9	66
12	Pneumocystis -Driven Inducible Bronchus-Associated Lymphoid Tissue Formation Requires Th2 and Th17 Immunity. <i>Cell Reports</i> , 2017, 18, 3078-3090.	6.4	57
13	A Bayesian mixture model for clustering droplet-based single-cell transcriptomic data from population studies. <i>Nature Communications</i> , 2019, 10, 1649.	12.8	56
14	Anti-CD20 Antibody Therapy and Susceptibility to Pneumocystis Pneumonia. <i>Infection and Immunity</i> , 2015, 83, 2043-2052.	2.2	55
15	STAT1 Represses Cytokine-Producing Group 2 and Group 3 Innate Lymphoid Cells during Viral Infection. <i>Journal of Immunology</i> , 2017, 199, 510-519.	0.8	54
16	Lipopolysaccharide-Mediated Chronic Inflammation Promotes Tobacco Carcinogen-Induced Lung Cancer and Determines the Efficacy of Immunotherapy. <i>Cancer Research</i> , 2021, 81, 144-157.	0.9	52
17	BREM-SC: a bayesian random effects mixture model for joint clustering single cell multi-omics data. <i>Nucleic Acids Research</i> , 2020, 48, 5814-5824.	14.5	50
18	Epigenetic and Transcriptomic Regulation of Lung Repair during Recovery from Influenza Infection. <i>American Journal of Pathology</i> , 2017, 187, 851-863.	3.8	47

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19	Critical Role of IL-22/IL22-RA1 Signaling in Pneumococcal Pneumonia. <i>Journal of Immunology</i> , 2016, 197, 1877-1883.	0.8	42
20	GMM-Demux: sample demultiplexing, multiplet detection, experiment planning, and novel cell-type verification in single cell sequencing. <i>Genome Biology</i> , 2020, 21, 188.	8.8	37
21	Dysregulation in lung immunity “The protective and pathologic Th17 response in infection. <i>European Journal of Immunology</i> , 2013, 43, 3116-3124.	2.9	34
22	Mucosal Pre-Exposure to Th17-Inducing Adjuvants Exacerbates Pathology after Influenza Infection. <i>American Journal of Pathology</i> , 2014, 184, 55-63.	3.8	34
23	Microbial Ligand Costimulation Drives Neutrophilic Steroid-Refractory Asthma. <i>PLoS ONE</i> , 2015, 10, e0134219.	2.5	34
24	A road map from single-cell transcriptome to patient classification for the immune response to trauma. <i>JCI Insight</i> , 2021, 6, .	5.0	29
25	CD16+CD163+ monocytes traffic to sites of inflammation during necrotizing enterocolitis in premature infants. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	28
26	Vaccine-driven lung TRM cells provide immunity against <i>Klebsiella</i> via fibroblast IL-17R signaling. <i>Science Immunology</i> , 2021, 6, eabf1198.	11.9	28
27	Transcriptomic Responses to Ivacaftor and Prediction of Ivacaftor Clinical Responsiveness. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 643-652.	2.9	23
28	Type-1 immunity and endogenous immune regulators predominate in the airway transcriptome during chronic lung allograft dysfunction. <i>American Journal of Transplantation</i> , 2021, 21, 2145-2160.	4.7	23
29	FL-CTL assay: Fluorolysometric determination of cell-mediated cytotoxicity using green fluorescent protein and red fluorescent protein expressing target cells. <i>Journal of Immunological Methods</i> , 2005, 300, 100-114.	1.4	22
30	FBXO17 promotes cell proliferation through activation of Akt in lung adenocarcinoma cells. <i>Respiratory Research</i> , 2018, 19, 206.	3.6	22
31	Insulin is expressed by enteroendocrine cells during human fetal development. <i>Nature Medicine</i> , 2021, 27, 2104-2107.	30.7	22
32	Antiinflammatory effects of bromodomain and extraterminal domain inhibition in cystic fibrosis lung inflammation. <i>JCI Insight</i> , 2016, 1, .	5.0	21
33	CD4 ⁺ T-Cell Dysfunction in Severe COVID-19 Disease Is Tumor Necrosis Factor- α /Tumor Necrosis Factor Receptor 1-Dependent. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1403-1418.	5.6	21
34	<i>Acinetobacter baumannii</i> Infection and IL-17 Mediated Immunity. <i>Mediators of Inflammation</i> , 2016, 2016, 1-5.	3.0	20
35	A resource of high-quality and versatile nanobodies for drug delivery. <i>IScience</i> , 2021, 24, 103014.	4.1	19
36	Single cell RNA sequencing identifies IGFBP5 and QKI as ciliated epithelial cell genes associated with severe COPD. <i>Respiratory Research</i> , 2021, 22, 100.	3.6	18

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37	Modulation of tissue resident memory T cells by glucocorticoids after acute cellular rejection in lung transplantation. <i>Journal of Experimental Medicine</i> , 2022, 219, .	8.5	18
38	Dose-Dependent Suppression of Cytokine production from T cells by a Novel Phosphoinositide 3-Kinase Delta Inhibitor. <i>Scientific Reports</i> , 2016, 6, 30384.	3.3	17
39	Bacterial and Pneumocystis Infections in the Lungs of Gene-Knockout Rabbits with Severe Combined Immunodeficiency. <i>Frontiers in Immunology</i> , 2018, 9, 429.	4.8	17
40	Ethanol Impairs Mucosal Immunity against <i>Streptococcus pneumoniae</i> Infection by Disrupting Interleukin 17 Gene Expression. <i>Infection and Immunity</i> , 2015, 83, 2082-2088.	2.2	16
41	Intestinal IL-17R Signaling Constrains IL-18-Driven Liver Inflammation by the Regulation of Microbiome-Derived Products. <i>Cell Reports</i> , 2019, 29, 2270-2283.e7.	6.4	16
42	Interleukin-22 (IL-22) Binding Protein Constrains IL-22 Activity, Host Defense, and Oxidative Phosphorylation Genes during Pneumococcal Pneumonia. <i>Infection and Immunity</i> , 2019, 87, .	2.2	16
43	Epigenetic Regulation of IL-17-Induced Chemokines in Lung Epithelial Cells. <i>Mediators of Inflammation</i> , 2019, 2019, 1-11.	3.0	13
44	Vaccine approaches for multidrug resistant Gram negative infections. <i>Current Opinion in Immunology</i> , 2014, 28, 84-89.	5.5	12
45	RNA-seq in Pulmonary Medicine: How Much Is Enough?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 389-391.	5.6	11
46	Artificial-cell-type aware cell-type classification in CITE-seq. <i>Bioinformatics</i> , 2020, 36, i542-i550.	4.1	10
47	Nrf2 through Aryl Hydrocarbon Receptor Regulates IL-22 Response in CD4+ T Cells. <i>Journal of Immunology</i> , 2021, 206, 1540-1548.	0.8	9
48	Simultaneous Measurement of Surface Proteins and Gene Expression from Single Cells. <i>Methods in Molecular Biology</i> , 2020, 2111, 35-46.	0.9	8
49	Analysis of Transcriptional Profiling of Immune Cells at the Single-Cell Level. <i>Methods in Molecular Biology</i> , 2020, 2111, 47-57.	0.9	8
50	Endotoxin stabilizes protein arginine methyltransferase 4 (PRMT4) protein triggering death of lung epithelia. <i>Cell Death and Disease</i> , 2021, 12, 828.	6.3	7
51	Tumor Necrosis Factor Alpha Regulates Skeletal Myogenesis by Inhibiting SP1 Interaction with <i>cis</i> -Acting Regulatory Elements within the Fbxl2 Gene Promoter. <i>Molecular and Cellular Biology</i> , 2020, 40, .	2.3	6
52	Î²-Agonist exposure preferentially impacts lung macrophage cyclic AMP-related gene expression in asthma and asthma COPD overlap syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L837-L843.	2.9	5
53	Protein arginine N-methyltransferase 4 (PRMT4) contributes to lymphopenia in experimental sepsis. <i>Thorax</i> , 2023, 78, 383-393.	5.6	5
54	Th17 Cytokines and Barrier Functions. <i>Mediators of Inflammation</i> , 2016, 2016, 1-2.	3.0	3

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55	Editorial: The IL-17 Cytokine Family in Tissue Homeostasis and Disease. <i>Frontiers in Immunology</i> , 2021, 12, 641986.	4.8	2
56	Ex Vivo Generation Of CD4+ T Cells To Prevent and Treat Infection From Antibiotic-Resistant <i>Klebsiella Pneumoniae</i> In Immunocompromised Patients. <i>Blood</i> , 2013, 122, 2022-2022.	1.4	1
57	Ex Vivo Generation of CD4+ Th17 Cells to Prevent and Treat Infection from Antibiotic-Resistant <i>Klebsiella Pneumoniae</i> in Immunocompromised Patients. <i>Blood</i> , 2014, 124, 2445-2445.	1.4	1
58	PTENTiating CFTR for Antimicrobial Immunity. <i>Immunity</i> , 2017, 47, 1014-1016.	14.3	0