

# Jie Sun

## List of Publications by Year in descending order

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Version: 2024-02-01

65  
papers

3,675  
citations

186265  
28  
h-index

144013  
57  
g-index

71  
all docs

71  
docs citations

71  
times ranked

5541  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effector T cells control lung inflammation during acute influenza virus infection by producing IL-10. <i>Nature Medicine</i> , 2009, 15, 277-284.	30.7	523
2	Regulating the adaptive immune response to respiratory virus infection. <i>Nature Reviews Immunology</i> , 2012, 12, 295-305.	22.7	291
3	Interferon Regulatory Factor 4 Sustains CD8+ T Cell Expansion and Effector Differentiation. <i>Immunity</i> , 2013, 39, 833-845.	14.3	192
4	CD4+ T cell help and innate-derived IL-27 induce Blimp-1-dependent IL-10 production by antiviral CTLs. <i>Nature Immunology</i> , 2011, 12, 327-334.	14.5	162
5	Antigen persistence and the control of local T cell memory by migrant respiratory dendritic cells after acute virus infection. <i>Journal of Experimental Medicine</i> , 2010, 207, 1161-1172.	8.5	160
6	The Transcription Factor Bhlhe40 Programs Mitochondrial Regulation of Resident CD8+ T Cell Fitness and Functionality. <i>Immunity</i> , 2019, 51, 491-507.e7.	14.3	148
7	Antiviral CD8+ T cell effector activities in situ are regulated by target cell type. <i>Journal of Experimental Medicine</i> , 2011, 208, 167-180.	8.5	118
8	Tissue-resident CD4 <sup>+</sup> T helper cells assist the development of protective respiratory B and CD8 <sup>+</sup> T cell memory responses. <i>Science Immunology</i> , 2021, 6, .	11.9	116
9	Suppression of Th2 Cell Development by Notch Ligands Delta1 and Delta4. <i>Journal of Immunology</i> , 2008, 180, 1655-1661.	0.8	99
10	Immune signatures underlying post-acute COVID-19 lung sequelae. <i>Science Immunology</i> , 2021, 6, eabk1741.	11.9	99
11	Cytokine-Dependent Induction of CD4 <sup>+</sup> T cells with Cytotoxic Potential during Influenza Virus Infection. <i>Journal of Virology</i> , 2013, 87, 11884-11893.	3.4	96
12	PD-1 <sup>hi</sup> CD8 <sup>+</sup> resident memory T cells balance immunity and fibrotic sequelae. <i>Science Immunology</i> , 2019, 4, .	11.9	95
13	Autocrine Regulation of Pulmonary Inflammation by Effector T-Cell Derived IL-10 during Infection with Respiratory Syncytial Virus. <i>PLoS Pathogens</i> , 2011, 7, e1002173.	4.7	85
14	T resident helper cells promote humoral responses in the lung. <i>Science Immunology</i> , 2021, 6, .	11.9	85
15	Role of T cell immunity in recovery from influenza virus infection. <i>Current Opinion in Virology</i> , 2013, 3, 425-429.	5.4	84
16	PPAR- $\delta$ in Macrophages Limits Pulmonary Inflammation and Promotes Host Recovery following Respiratory Viral Infection. <i>Journal of Virology</i> , 2019, 93, .	3.4	81
17	Tissue-resident CD8 <sup>+</sup> T cells drive age-associated chronic lung sequelae after viral pneumonia. <i>Science Immunology</i> , 2020, 5, .	11.9	81
18	Toll-Like Receptors Induce Signal-Specific Reprogramming of the Macrophage Lipidome. <i>Cell Metabolism</i> , 2020, 32, 128-143.e5.	16.2	78

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19	Uncoupling of macrophage inflammation from self-renewal modulates host recovery from respiratory viral infection. <i>Immunity</i> , 2021, 54, 1200-1218.e9.	14.3	68
20	The Effector T Cell Response to Influenza Infection. <i>Current Topics in Microbiology and Immunology</i> , 2014, 386, 423-455.	1.1	67
21	T cell responses during influenza infection: getting and keeping control. <i>Trends in Immunology</i> , 2011, 32, 225-231.	6.8	65
22	BCL6 modulates tissue neutrophil survival and exacerbates pulmonary inflammation following influenza virus infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 11888-11893.	7.1	58
23	Clonal expansion of vaccine-elicited T cells is independent of aerobic glycolysis. <i>Science Immunology</i> , 2018, 3, .	11.9	44
24	SARS-CoV-2 non-structural protein 13 (nsp13) hijacks host deubiquitinase USP13 and counteracts host antiviral immune response. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 119.	17.1	41
25	Neonatal hyperoxia promotes asthma-like features through IL-33-dependent ILC2 responses. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1100-1112.	2.9	39
26	Blockade of interleukin-27 signaling reduces GVHD in mice by augmenting Treg reconstitution and stabilizing Foxp3 expression. <i>Blood</i> , 2016, 128, 2068-2082.	1.4	38
27	Bcl6 promotes follicular helper T cell differentiation and PD-1 expression in a Blimp1-independent manner in mice. <i>European Journal of Immunology</i> , 2017, 47, 1136-1141.	2.9	32
28	Macrophage PPAR- $\beta$ suppresses long-term lung fibrotic sequelae following acute influenza infection. <i>PLoS ONE</i> , 2019, 14, e0223430.	2.5	32
29	Reciprocal regulation of RIG-I and XRCC4 connects DNA repair with RIG-I immune signaling. <i>Nature Communications</i> , 2021, 12, 2187.	12.8	30
30	Type I IFN signaling facilitates the development of IL-10-producing effector CD8 <sup>+</sup> T cells during murine influenza virus infection. <i>European Journal of Immunology</i> , 2016, 46, 2778-2788.	2.9	29
31	STAT5 promotes accessibility and is required for BATF-mediated plasticity at the Il9 locus. <i>Nature Communications</i> , 2020, 11, 4882.	12.8	29
32	An IL-9-pulmonary macrophage axis defines the allergic lung inflammatory environment. <i>Science Immunology</i> , 2022, 7, eabi9768.	11.9	29
33	Suppression of Early IL-4 Production Underlies the Failure of CD4 T Cells Activated by TLR-Stimulated Dendritic Cells to Differentiate into Th2 Cells. <i>Journal of Immunology</i> , 2007, 178, 1635-1644.	0.8	28
34	Stearoyl-CoA Desaturase-Mediated Monounsaturated Fatty Acid Availability Supports Humoral Immunity. <i>Cell Reports</i> , 2021, 34, 108601.	6.4	28
35	Tissue-Resident Macrophages Limit Pulmonary CD8 Resident Memory T Cell Establishment. <i>Frontiers in Immunology</i> , 2019, 10, 2332.	4.8	27
36	Canonical and noncanonical regulatory roles for JAK2 in the pathogenesis of rheumatoid arthritis-associated interstitial lung disease and idiopathic pulmonary fibrosis. <i>FASEB Journal</i> , 2022, 36, e22336.	0.5	27

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37	Pulmonary Eosinophilia Is Attenuated by Early Responding CD8 <sup>+</sup> Memory T Cells in a Murine Model of RSV Vaccine-Enhanced Disease. <i>Viral Immunology</i> , 2009, 22, 243-251.	1.3	26
38	Proteomic Signature of Host Response to SARS-CoV-2 Infection in the Nasopharynx. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100134.	3.8	25
39	Allergic airway recall responses require IL-9 from resident memory CD4 <sup>+</sup> T cells. <i>Science Immunology</i> , 2022, 7, eabg9296.	11.9	22
40	Activation of dendritic cell function by soy peptide lunasin as a novel vaccine adjuvant. <i>Vaccine</i> , 2014, 32, 5411-5419.	3.8	21
41	BCL6 represses antiviral resistance in follicular T helper cells. <i>Journal of Leukocyte Biology</i> , 2017, 102, 527-536.	3.3	21
42	Aging and respiratory viral infection: from acute morbidity to chronic sequelae. <i>Cell and Bioscience</i> , 2021, 11, 112.	4.8	20
43	BATF promotes group 2 innate lymphoid cell-mediated lung tissue protection during acute respiratory virus infection. <i>Science Immunology</i> , 2022, 7, eabc9934.	11.9	20
44	Poly(ADP-ribose) polymerase-1 promotes T helper 17 and follicular T helper development. <i>Immunology</i> , 2015, 146, 537-546.	4.4	18
45	Immune determinants of chronic sequelae after respiratory viral infection. <i>Science Immunology</i> , 2022, 7, .	11.9	18
46	Inhibition of stearoyl-CoA desaturases suppresses follicular help T and germinal center B cell responses. <i>European Journal of Immunology</i> , 2020, 50, 1067-1077.	2.9	15
47	Targeting Peroxisome Proliferator-Activated Receptor-Gamma Decreases Host Mortality After Influenza Infection in Obese Mice. <i>Viral Immunology</i> , 2019, 32, 161-169.	1.3	14
48	Age-Related Dynamics of Lung-Resident Memory CD8 <sup>+</sup> T Cells in the Age of COVID-19. <i>Frontiers in Immunology</i> , 2021, 12, 636118.	4.8	14
49	Simultaneous Inhibition of MEK and Hh Signaling Reduces Pancreatic Cancer Metastasis. <i>Cancers</i> , 2018, 10, 403.	3.7	13
50	Co-Ordination of Mucosal B Cell and CD8 T Cell Memory by Tissue-Resident CD4 Helper T Cells. <i>Cells</i> , 2021, 10, 2355.	4.1	13
51	TFAM-Dependent Mitochondrial Metabolism Is Required for Alveolar Macrophage Maintenance and Homeostasis. <i>Journal of Immunology</i> , 2022, 208, 1456-1466.	0.8	13
52	A Survey of Dental Implant Instruction in Predoctoral Dental Curricula in North America. <i>Journal of Dental Education</i> , 2017, 81, 1085-1090.	1.2	12
53	BCL6 Inhibitor-Mediated Downregulation of Phosphorylated SAMHD1 and T Cell Activation Are Associated with Decreased HIV Infection and Reactivation. <i>Journal of Virology</i> , 2019, 93, .	3.4	11
54	IRF4 Modulates CD8 <sup>+</sup> T Cell Sensitivity to IL-2 Family Cytokines. <i>ImmunoHorizons</i> , 2017, 1, 92-100.	1.8	11

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55	Mouse pulmonary interstitial macrophages mediate the pro-tumorigenic effects of IL-9. <i>Nature Communications</i> , 2022, 13, .	12.8	11
56	NMP4 regulates the innate immune response to influenza A virus infection. <i>Mucosal Immunology</i> , 2021, 14, 209-218.	6.0	9
57	Augmentation of fear extinction by theta-burst transcranial magnetic stimulation of the prefrontal cortex in humans. <i>Journal of Psychiatry and Neuroscience</i> , 2021, 46, E292-E302.	2.4	9
58	IL-23 amplifies the epithelial-mesenchymal transition of mechanically conditioned alveolar epithelial cells in rheumatoid arthritis-associated interstitial lung disease through mTOR/S6 signaling. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L1006-L1022.	2.9	8
59	Metabolic regulation of tissue-resident memory CD8+ T cells. <i>Current Opinion in Pharmacology</i> , 2021, 57, 117-124.	3.5	7
60	Circulating autoreactive proteinase 3+ B cells and tolerance checkpoints in ANCA-associated vasculitis. <i>JCI Insight</i> , 2021, 6, .	5.0	7
61	IL-33/ST2 Triggering of IL-9-Secreting T Cells Alters the Balance of Fatal Immunity and Tumor Immunity. <i>Blood</i> , 2015, 126, 231-231.	1.4	3
62	Editorial: Resident Memory T Cells “Guardians of the Balance Between Local Immunity and Pathology” The Minority Report. <i>Frontiers in Immunology</i> , 2021, 12, 745256.	4.8	0
63	Intelligent Vaccine Design: Evolution of a Principle. <i>Science Translational Medicine</i> , 2014, 6, .	12.4	0
64	Blockade of Interleukin 27 Signaling Attenuates Graft Versus Host Disease By Augmenting CD4+ and CD8+ Regulatory T Cell Reconstitution. <i>Blood</i> , 2015, 126, 150-150.	1.4	0
65	Neuroprotective effects of hyperbaric oxygen therapy in combination with Schwann cell transplantation in hippocampal fimbria transected rats. , 2018, 4, 28-38.		0