

Yuzhang Wu

List of Publications by Year in descending order

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Version: 2024-02-01

78
papers

5,652
citations

201575

27
h-index

85498

71
g-index

80
all docs

80
docs citations

80
times ranked

13457
citing authors

#	ARTICLE	IF	CITATIONS
1	Reduction and Functional Exhaustion of T Cells in Patients With Coronavirus Disease 2019 (COVID-19). <i>Frontiers in Immunology</i> , 2020, 11, 827.	2.2	1,924
2	Follicular CXCR5-expressing CD8+ T cells curtail chronic viral infection. <i>Nature</i> , 2016, 537, 412-416.	13.7	514
3	Human kidney is a target for novel severe acute respiratory syndrome coronavirus 2 infection. <i>Nature Communications</i> , 2021, 12, 2506.	5.8	365
4	Human monoclonal antibodies block the binding of SARS-CoV-2 spike protein to angiotensin converting enzyme 2 receptor. <i>Cellular and Molecular Immunology</i> , 2020, 17, 647-649.	4.8	331
5	The transcription factor TCF-1 initiates the differentiation of TFH cells during acute viral infection. <i>Nature Immunology</i> , 2015, 16, 991-999.	7.0	200
6	Atg5-independent autophagy regulates mitochondrial clearance and is essential for iPSC reprogramming. <i>Nature Cell Biology</i> , 2015, 17, 1379-1387.	4.6	153
7	Erythropoietin Signaling in Macrophages Promotes Dying Cell Clearance and Immune Tolerance. <i>Immunity</i> , 2016, 44, 287-302.	6.6	151
8	Accuracy of a nucleocapsid protein antigen rapid test in the diagnosis of SARS-CoV-2 infection. <i>Clinical Microbiology and Infection</i> , 2021, 27, 289.e1-289.e4.	2.8	147
9	VSIG4 inhibits proinflammatory macrophage activation by reprogramming mitochondrial pyruvate metabolism. <i>Nature Communications</i> , 2017, 8, 1322.	5.8	126
10	Thymosin Alpha 1 Reduces the Mortality of Severe Coronavirus Disease 2019 by Restoration of Lymphocytopenia and Reversion of Exhausted T Cells. <i>Clinical Infectious Diseases</i> , 2020, 71, 2150-2157.	2.9	117
11	Liver-Resident NK Cells Control Antiviral Activity of Hepatic T Cells via the PD-1-PD-L1 Axis. <i>Immunity</i> , 2019, 50, 403-417.e4.	6.6	114
12	The Kinase mTORC1 Promotes the Generation and Suppressive Function of Follicular Regulatory T Cells. <i>Immunity</i> , 2017, 47, 538-551.e5.	6.6	93
13	SARS-CoV-2 Induces Lymphocytopenia by Promoting Inflammation and Decimates Secondary Lymphoid Organs. <i>Frontiers in Immunology</i> , 2021, 12, 661052.	2.2	77
14	VSIG4 mediates transcriptional inhibition of <i>Nlrp3</i> and <i>Il-1β</i> in macrophages. <i>Science Advances</i> , 2019, 5, eaau7426.	4.7	71
15	The Transcription Factor TCF1 Preserves the Effector Function of Exhausted CD8 T Cells During Chronic Viral Infection. <i>Frontiers in Immunology</i> , 2019, 10, 169.	2.2	66
16	The NLRP3 Inflammasome and IL-1 β Accelerate Immunologically Mediated Pathology in Experimental Viral Fulminant Hepatitis. <i>PLoS Pathogens</i> , 2015, 11, e1005155.	2.1	59
17	B7H1 Expression and Epithelial-To-Mesenchymal Transition Phenotypes on Colorectal Cancer Stem-Like Cells. <i>PLoS ONE</i> , 2015, 10, e0135528.	1.1	57
18	Noncoding RNAs in multiple sclerosis. <i>Clinical Epigenetics</i> , 2018, 10, 149.	1.8	47

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19	The kinase complex mTORC2 promotes the longevity of virus-specific memory CD4+ T cells by preventing ferroptosis. <i>Nature Immunology</i> , 2022, 23, 303-317.	7.0	45
20	TGF- β 2 induces ST2 and programs ILC2 development. <i>Nature Communications</i> , 2020, 11, 35.	5.8	43
21	Analysis of the Rab GTPase Interactome in Dendritic Cells Reveals Anti-microbial Functions of the Rab32 Complex in Bacterial Containment. <i>Immunity</i> , 2016, 44, 422-437.	6.6	42
22	HBx Protein Contributes to Liver Carcinogenesis by H3K4me3 Modification Through Stabilizing WD Repeat Domain 5 Protein. <i>Hepatology</i> , 2020, 71, 1678-1695.	3.6	42
23	Liver X receptor β is essential for the capillarization of liver sinusoidal endothelial cells in liver injury. <i>Scientific Reports</i> , 2016, 6, 21309.	1.6	38
24	The histone methyltransferase EZH2 primes the early differentiation of follicular helper T cells during acute viral infection. <i>Cellular and Molecular Immunology</i> , 2020, 17, 247-260.	4.8	38
25	Analysis of T cell receptor repertoire in monozygotic twins concordant and discordant for chronic hepatitis B infection. <i>Biochemical and Biophysical Research Communications</i> , 2018, 497, 153-159.	1.0	34
26	Aberrant dysregulated circular RNAs in the peripheral blood mononuclear cells of patients with rheumatoid arthritis revealed by RNA sequencing: novel diagnostic markers for RA. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2019, 79, 551-559.	0.6	31
27	NKG2D+CD4+ T Cells Kill Regulatory T Cells in a NKG2D-NKG2D Ligand- Dependent Manner in Systemic Lupus Erythematosus. <i>Scientific Reports</i> , 2017, 7, 1288.	1.6	28
28	The TLR2 is activated by sporozoites and suppresses intrahepatic rodent malaria parasite development. <i>Scientific Reports</i> , 2015, 5, 18239.	1.6	27
29	The Transcription Factor T-Bet Is Required for Optimal Type I Follicular Helper T Cell Maintenance During Acute Viral Infection. <i>Frontiers in Immunology</i> , 2019, 10, 606.	2.2	27
30	Sodium Butyrate Promotes the Differentiation of Rat Bone Marrow Mesenchymal Stem Cells to Smooth Muscle Cells through Histone Acetylation. <i>PLoS ONE</i> , 2014, 9, e116183.	1.1	27
31	The Kinase Complex mTOR Complex 2 Promotes the Follicular Migration and Functional Maturation of Differentiated Follicular Helper CD4+ T Cells During Viral Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1127.	2.2	26
32	The lncRNA Snhg1-Vps13D vesicle trafficking system promotes memory CD8 T cell establishment via regulating the dual effects of IL-7 signaling. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 126.	7.1	25
33	Astagalus Polysaccharide Attenuates Murine Colitis through Inhibition of the NLRP3 Inflammasome. <i>Planta Medica</i> , 2017, 83, 70-77.	0.7	24
34	Critical Role of Alternative M2 Skewing in miR-155 Deletion-Mediated Protection of Colitis. <i>Frontiers in Immunology</i> , 2018, 9, 904.	2.2	24
35	Cutting Edge: Transcription Factor BCL6 Is Required for the Generation, but Not Maintenance, of Memory CD8+ T Cells in Acute Viral Infection. <i>Journal of Immunology</i> , 2019, 203, 323-327.	0.4	24
36	CD1d1 intrinsic signaling in macrophages controls NLRP3 inflammasome expression during inflammation. <i>Science Advances</i> , 2020, 6, .	4.7	24

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37	Immunoproteomics to identify tumor-associated antigens eliciting humoral response. <i>Cancer Letters</i> , 2009, 278, 123-129.	3.2	23
38	Patient-shared TCR α -CDR3 clonotypes correlate with favorable prognosis in chronic hepatitis B. <i>European Journal of Immunology</i> , 2018, 48, 1539-1549.	1.6	19
39	Inhibition of Replication and Infection of Severe Acute Respiratory Syndrome-Associated Coronavirus with Plasmid-Mediated Interference RNA. <i>Antiviral Therapy</i> , 2005, 10, 527-533.	0.6	19
40	Efficacy and safety of a nanoparticle therapeutic vaccine in patients with chronic hepatitis B: A randomized clinical trial. <i>Hepatology</i> , 2022, 75, 182-195.	3.6	18
41	Frequencies of epitope-specific cytotoxic T lymphocytes in active chronic viral hepatitis B infection by using MHC class I peptide tetramers. <i>Immunology Letters</i> , 2004, 92, 253-258.	1.1	17
42	Role of Ets Proteins in Development, Differentiation, and Function of T Cell Subsets. <i>Medicinal Research Reviews</i> , 2016, 36, 193-220.	5.0	17
43	Innate lymphoid cells involve in tumorigenesis. <i>International Journal of Cancer</i> , 2016, 138, 22-29.	2.3	17
44	The global response to the COVID-19 pandemic: how have immunology societies contributed?. <i>Nature Reviews Immunology</i> , 2020, 20, 594-602.	10.6	17
45	Increased hepatocellular carcinoma risk in chronic hepatitis B patients with persistently elevated serum total bile acid: a retrospective cohort study. <i>Scientific Reports</i> , 2016, 6, 38180.	1.6	16
46	Telbivudine decreases proportion of peripheral blood CD4+CD25+CD127 ^{low} T cells in parallel with inhibiting hepatitis B virus DNA. <i>Molecular Medicine Reports</i> , 2014, 9, 2024-2030.	1.1	15
47	Innate lymphoid cell-derived cytokines in autoimmune diseases. <i>Journal of Autoimmunity</i> , 2017, 83, 62-72.	3.0	15
48	Activation and Role of NACHT, LRR, and PYD Domains-Containing Protein 3 Inflammasome in RNA Viral Infection. <i>Frontiers in Immunology</i> , 2017, 8, 1420.	2.2	15
49	Capsaicin ameliorates renal fibrosis by inhibiting TGF- β 1-Smad2/3 signaling. <i>Phytomedicine</i> , 2022, 100, 154067.	2.3	15
50	Protection of Mammalian Cells from Severe Acute Respiratory Syndrome Coronavirus Infection by Equine Neutralizing Antibody. <i>Antiviral Therapy</i> , 2005, 10, 681-690.	0.6	15
51	Innate Lymphoid Cells: A Promising New Regulator in Fibrotic Diseases. <i>International Reviews of Immunology</i> , 2016, 35, 399-414.	1.5	14
52	Multifunctional YY1 in Liver Diseases. <i>Seminars in Liver Disease</i> , 2017, 37, 363-376.	1.8	14
53	Tumor necrosis factor α (TNF- α) receptor-I is required for TNF- α -mediated fulminant virus hepatitis caused by murine hepatitis virus strain-3 infection. <i>Immunology Letters</i> , 2014, 158, 25-32.	1.1	13
54	Functional vulnerability of liver macrophages to capsules defines virulence of blood-borne bacteria. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	13

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55	Improving the prediction of HLA class I-binding peptides using a supertype-based method. <i>Journal of Immunological Methods</i> , 2014, 405, 109-120.	0.6	12
56	CD49a+CD49b+ NK cells induced by viral infection reflect an activated state of conventional NK cells. <i>Science China Life Sciences</i> , 2020, 63, 1725-1733.	2.3	12
57	MAGT1-mediated disturbance of Mg ²⁺ homeostasis lead to exhausted of HBV-infected NK and CD8+ T cells. <i>Scientific Reports</i> , 2017, 7, 13594.	1.6	11
58	Multiplex indexing approach for the detection of DNase I hypersensitive sites in single cells. <i>Nucleic Acids Research</i> , 2021, 49, e56-e56.	6.5	11
59	Dual roles of IL-22 at ischemia-reperfusion injury and acute rejection stages of rat allograft liver transplantation. <i>Oncotarget</i> , 2017, 8, 115384-115397.	0.8	11
60	Identification of a S100 calcium-binding protein expressed in HL-60 cells treated with all-trans retinoic acid by two-dimensional electrophoresis and mass spectrometry. <i>Leukemia Research</i> , 2004, 28, 203-207.	0.4	10
61	Analyzing the effect of peptide-HLA-binding ability on the immunogenicity of potential CD8+ and CD4+ T cell epitopes in a large dataset. <i>Immunologic Research</i> , 2016, 64, 908-918.	1.3	10
62	HLAsupE: an integrated database of HLA supertype-specific epitopes to aid in the development of vaccines with broad coverage of the human population. <i>BMC Immunology</i> , 2016, 17, 17.	0.9	10
63	MiR-525-3p mediates antiviral defense to rotavirus infection by targeting nonstructural protein 1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 3212-3225.	1.8	10
64	Transcriptome-wide stability analysis uncovers LARP4-mediated NF- κ B1 mRNA stabilization during T α cell activation. <i>Nucleic Acids Research</i> , 2020, 48, 8724-8739.	6.5	10
65	Systemic C3 Modulates CD8+ T Cell Contraction after <i>Listeria monocytogenes</i> Infection. <i>Journal of Immunology</i> , 2014, 193, 3426-3435.	0.4	8
66	The differential organogenesis and functionality of two liver-draining lymph nodes in mice. <i>Journal of Autoimmunity</i> , 2017, 84, 109-121.	3.0	8
67	TIPS: trajectory inference of pathway significance through pseudotime comparison for functional assessment of single-cell RNAseq data. <i>Briefings in Bioinformatics</i> , 2021, 22, .	3.2	8
68	Diverse effects of interleukin-22 on pancreatic diseases. <i>Pancreatology</i> , 2018, 18, 231-237.	0.5	7
69	Pivotal Roles of ILCs in Hepatic Diseases. <i>International Reviews of Immunology</i> , 2015, 34, 509-522.	1.5	6
70	Oral administration of visceral adipose tissue antigens ameliorates metabolic disorders in mice and elevates visceral adipose tissue-resident CD4 + CD25 + Foxp3 + regulatory T cells. <i>Vaccine</i> , 2017, 35, 4612-4620.	1.7	6
71	Increased circulating PD-1hiCXCR5 ^{hi} peripheral T helper cells are associated with disease activity of ANCA-associated vasculitis. <i>Clinical and Experimental Immunology</i> , 2022, 207, 287-296.	1.1	5
72	In situ regeneration of bone-to-tendon structures: Comparisons between costal-cartilage derived stem cells and BMSCs in the rat model. <i>Acta Biomaterialia</i> , 2022, 145, 62-76.	4.1	4

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73	The Use of Values WNR and GNR to Distinguish between and Diagnose Different Types of Pancreatitis. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 18, 7-14.	1.8	3
74	ATG Ubiquitination Is Required for Circumsporozoite Protein to Subvert Host Innate Immunity Against Rodent Malaria Liver Stage. <i>Frontiers in Immunology</i> , 2022, 13, 815936.	2.2	3
75	Liver X receptor $\hat{1}^2$ is required for the survival of single-positive thymocytes by regulating IL-7 $\hat{R}\hat{1}\pm$ expression. <i>Cellular and Molecular Immunology</i> , 2021, 18, 1969-1980.	4.8	2
76	Insights Gained and Future Outlook From scRNAseq Studies in Autoimmune Rheumatic Diseases. <i>Frontiers in Immunology</i> , 2022, 13, 849050.	2.2	2
77	Reply. <i>Hepatology</i> , 2022, 76, E30-E31.	3.6	1
78	Reconstitution of functional status of cytotoxic T lymphocyte in chronic infection of hepatitis B virus by mimogen. <i>FASEB Journal</i> , 2008, 22, 1068.4.	0.2	0