

# Lilin Ye

## List of Publications by Year in descending order

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71  
papers

4,659  
citations

147786

31  
h-index

110368

64  
g-index

78  
all docs

78  
docs citations

78  
times ranked

9514  
citing authors

#	ARTICLE	IF	CITATIONS
1	Follicular CXCR5-expressing CD8+ T cells curtail chronic viral infection. <i>Nature</i> , 2016, 537, 412-416.	27.8	514
2	Autophagy is essential for effector CD8+ T cell survival and memory formation. <i>Nature Immunology</i> , 2014, 15, 1152-1161.	14.5	367
3	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.	10.5	331
4	Genome-wide analysis identifies NR4A1 as a key mediator of T cell dysfunction. <i>Nature</i> , 2019, 567, 525-529.	27.8	311
5	Distinct Memory CD4+ T Cells with Commitment to T Follicular Helper- and T Helper 1-Cell Lineages Are Generated after Acute Viral Infection. <i>Immunity</i> , 2013, 38, 805-817.	14.3	295
6	Disease severity dictates SARS-CoV-2-specific neutralizing antibody responses in COVID-19. <i>Signal Transduction and Targeted Therapy</i> , 2020, 5, 180.	17.1	222
7	The transcription factor TCF-1 initiates the differentiation of TFH cells during acute viral infection. <i>Nature Immunology</i> , 2015, 16, 991-999.	14.5	200
8	Antigen-specific CD4 T-cell help rescues exhausted CD8 T cells during chronic viral infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 21182-21187.	7.1	155
9	Efficient mucosal vaccination mediated by the neonatal Fc receptor. <i>Nature Biotechnology</i> , 2011, 29, 158-163.	17.5	140
10	Temporal expression of microRNA cluster miR-17-92 regulates effector and memory CD8 <sup>+</sup> T-cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9965-9970.	7.1	115
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.	14.3	114
12	Late-stage tumors induce anemia and immunosuppressive extramedullary erythroid progenitor cells. <i>Nature Medicine</i> , 2018, 24, 1536-1544.	30.7	112
13	METTL3-dependent m6A modification programs T follicular helper cell differentiation. <i>Nature Communications</i> , 2021, 12, 1333.	12.8	99
14	The Kinase mTORC1 Promotes the Generation and Suppressive Function of Follicular Regulatory T Cells. <i>Immunity</i> , 2017, 47, 538-551.e5.	14.3	93
15	NF- $\kappa$ B Signaling Regulates Functional Expression of the MHC Class I-Related Neonatal Fc Receptor for IgG via Intronic Binding Sequences. <i>Journal of Immunology</i> , 2007, 179, 2999-3011.	0.8	90
16	Interleukin-21 Is a Critical Cytokine for the Generation of Virus-Specific Long-Lived Plasma Cells. <i>Journal of Virology</i> , 2013, 87, 7737-7746.	3.4	90
17	Crosstalks between mTORC1 and mTORC2 variagate cytokine signaling to control NK maturation and effector function. <i>Nature Communications</i> , 2018, 9, 4874.	12.8	82
18	mTOR, linking metabolism and immunity. <i>Seminars in Immunology</i> , 2012, 24, 429-435.	5.6	80

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19	The MHC Class II-Associated Invariant Chain Interacts with the Neonatal Fc $\gamma$ 3 Receptor and Modulates Its Trafficking to Endosomal/Lysosomal Compartments. <i>Journal of Immunology</i> , 2008, 181, 2572-2585.	0.8	71
20	Intracellular neutralization of viral infection in polarized epithelial cells by neonatal Fc receptor (FcRn)-mediated IgG transport. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18406-18411.	7.1	70
21	Activation of the JAK/STAT-1 Signaling Pathway by IFN- $\gamma$ Can Down-Regulate Functional Expression of the MHC Class I-Related Neonatal Fc Receptor for IgG. <i>Journal of Immunology</i> , 2008, 181, 449-463.	0.8	66
22	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.	4.8	66
23	A Portrait of CXCR5+ Follicular Cytotoxic CD8+ T cells. <i>Trends in Immunology</i> , 2018, 39, 965-979.	6.8	63
24	Antigen-specific CD8+ T cell feedback activates NLRP3 inflammasome in antigen-presenting cells through perforin. <i>Nature Communications</i> , 2017, 8, 15402.	12.8	61
25	Identification of novel markers for mouse CD4 <sup>+</sup> T follicular helper cells. <i>European Journal of Immunology</i> , 2013, 43, 3219-3232.	2.9	54
26	ABHD5 interacts with BECN1 to regulate autophagy and tumorigenesis of colon cancer independent of PNPLA2. <i>Autophagy</i> , 2016, 12, 2167-2182.	9.1	54
27	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.	14.5	45
28	mTOR Promotes Antiviral Humoral Immunity by Differentially Regulating CD4 Helper T Cell and B Cell Responses. <i>Journal of Virology</i> , 2017, 91, .	3.4	41
29	Efficient control of chronic LCMV infection by a CD4 T cell epitope-based heterologous prime-boost vaccination in a murine model. <i>Cellular and Molecular Immunology</i> , 2018, 15, 815-826.	10.5	40
30	ZIKV infection induces robust Th1-like Tfh cell and long-term protective antibody responses in immunocompetent mice. <i>Nature Communications</i> , 2019, 10, 3859.	12.8	39
31	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.	10.5	38
32	The dichotomous and incomplete adaptive immunity in COVID-19 patients with different disease severity. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 113.	17.1	32
33	Dichotomous Roles of Programmed Cell Death 1 on HIV-Specific CXCR5+ and CXCR5 <sup>hi</sup> CD8+ T Cells during Chronic HIV Infection. <i>Frontiers in Immunology</i> , 2017, 8, 1786.	4.8	30
34	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.	4.8	27
35	The metabolic hormone leptin promotes the function of TFH cells and supports vaccine responses. <i>Nature Communications</i> , 2021, 12, 3073.	12.8	27
36	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.	4.8	26

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37	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.	17.1	25
38	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.	0.8	24
39	Calnexin and ERp57 Facilitate the Assembly of the Neonatal Fc Receptor for IgG with $\hat{I}^2$ -Microglobulin in the Endoplasmic Reticulum. <i>Journal of Immunology</i> , 2005, 175, 967-976.	0.8	22
40	Identification and characterization of an alternatively spliced variant of the MHC class I-related porcine neonatal Fc receptor for IgG. <i>Developmental and Comparative Immunology</i> , 2008, 32, 966-979.	2.3	21
41	Molecular Basis of the Differentiation and Function of Virus Specific Follicular Helper CD4+ T Cells. <i>Frontiers in Immunology</i> , 2019, 10, 249.	4.8	21
42	35B5 antibody potently neutralizes SARS-CoV-2 Omicron by disrupting the N-glycan switch via a conserved spike epitope. <i>Cell Host and Microbe</i> , 2022, 30, 887-895.e4.	11.0	20
43	Patient-shared TCR $\hat{I}^2$ -CDR3 clonotypes correlate with favorable prognosis in chronic hepatitis B. <i>European Journal of Immunology</i> , 2018, 48, 1539-1549.	2.9	19
44	Nasal Spray of Neutralizing Monoclonal Antibody 35B5 Confers Potential Prophylaxis Against Severe Acute Respiratory Syndrome Coronavirus 2 Variants of Concern: A Small-Scale Clinical Trial. <i>Clinical Infectious Diseases</i> , 2023, 76, e336-e341.	5.8	18
45	A potent human monoclonal antibody with pan-neutralizing activities directly dislocates S trimer of SARS-CoV-2 through binding both up and down forms of RBD. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 114.	17.1	17
46	T cell immune response within B-cell follicles. <i>Advances in Immunology</i> , 2019, 144, 155-171.	2.2	16
47	CD160 Plays a Protective Role During Chronic Infection by Enhancing Both Functionalities and Proliferative Capacity of CD8+ T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 2188.	4.8	16
48	Bcl6 Preserves the Suppressive Function of Regulatory T Cells During Tumorigenesis. <i>Frontiers in Immunology</i> , 2020, 11, 806.	4.8	16
49	DAPK1 (death associated protein kinase 1) mediates mTORC1 activation and antiviral activities in CD8+ T cells. <i>Cellular and Molecular Immunology</i> , 2021, 18, 138-149.	10.5	13
50	A novel linear and broadly neutralizing peptide in the SARS-CoV-2 S2 protein for universal vaccine development. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2563-2565.	10.5	13
51	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.	4.9	12
52	Ceria nanoparticles promoted the cytotoxic activity of CD8+ T cells by activating NF- $\hat{I}^B$ signaling. <i>Biomaterials Science</i> , 2019, 7, 2533-2544.	5.4	11
53	Sensitivity of SARS-CoV-2 Variants to Neutralization by Convalescent Sera and a VH3-30 Monoclonal Antibody. <i>Frontiers in Immunology</i> , 2021, 12, 751584.	4.8	11
54	Mammalian target of rapamycin complex 1 signalling is essential for germinal centre reaction. <i>Immunology</i> , 2017, 152, 276-286.	4.4	9

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55	Differentiation and Function of Follicular CD8 T Cells During Human Immunodeficiency Virus Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1095.	4.8	9
56	Prompt Antiviral Action of Pulmonary CD8+ TRM Cells Is Mediated by Rapid IFN- $\gamma$ Induction and Its Downstream ISGs in the Lung. <i>Frontiers in Immunology</i> , 2022, 13, 839455.	4.8	9
57	The differential organogenesis and functionality of two liver-draining lymph nodes in mice. <i>Journal of Autoimmunity</i> , 2017, 84, 109-121.	6.5	8
58	The Epigenetic Regulator EZH2 Instructs CD4 T Cell Response to Acute Viral Infection via Coupling of Cell Expansion and Metabolic Fitness. <i>Journal of Virology</i> , 2020, 94, .	3.4	7
59	CD4 <sup>+</sup> T-cell epitope-based heterologous prime-boost vaccination potentiates anti-tumor immunity and PD-1/PD-L1 immunotherapy. , 2022, 10, e004022.		7
60	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.	3.8	6
61	Analyzing Mouse B Cell Responses Specific to LCMV Infection. <i>Methods in Molecular Biology</i> , 2018, 1707, 15-38.	0.9	6
62	Tumor-Specific CD4+ T Cells Restrain Established Metastatic Melanoma by Developing Into Cytotoxic CD4 <sup>+</sup> T Cells. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	6
63	The Differentiation and Maintenance of SARS-CoV-2-Specific Follicular Helper T Cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	3.9	4
64	Improving the immunogenicity and protective efficacy of a whole $\alpha$ -killed malaria blood $\alpha$ -stage vaccine by chloroquine. <i>Parasite Immunology</i> , 2020, 42, e12682.	1.5	3
65	Differential expression of inhibitory receptor NKG2A distinguishes disease $\alpha$ -specific exhausted CD8 + T cells. <i>MedComm</i> , 2022, 3, e111.	7.2	2
66	Sclerostin domain-containing protein 1 is dispensable for the differentiation of follicular helper and follicular regulatory T cells during acute viral infection. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 3722-3736.	0.0	1
67	A novel strategy to investigate the factors regulating the Treg to Tfr transition during acute viral infection. <i>Journal of Immunological Methods</i> , 2022, 505, 113266.	1.4	1
68	Flow Cytometry Analysis of mTOR Signaling in Antigen-Specific B Cells. <i>Methods in Molecular Biology</i> , 2018, 1707, 95-109.	0.9	0
69	B7S1, a novel candidate for anti-tumor checkpoint blockade immunotherapy. <i>Science China Life Sciences</i> , 2018, 61, 1132-1134.	4.9	0
70	Tumor Transplantation for Assessing the Dynamics of Tumor-Infiltrating CD8 <sup>+</sup> T Cells in Mice. <i>Journal of Visualized Experiments</i> , 2021, , .	0.3	0
71	The MHC class II $\alpha$ -associated invariant chain interacts with Fc $\gamma$ receptor Fc $\gamma$ Rn and modulates its trafficking to endosomal/lysosomal compartment. <i>FASEB Journal</i> , 2008, 22, 402-402.	0.5	0