

Tianyang Mao

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

7,630
citations

394286

19
h-index

477173

29
g-index

51
all docs

51
docs citations

51
times ranked

16582
citing authors

#	ARTICLE	IF	CITATIONS
1	Longitudinal analyses reveal immunological misfiring in severe COVID-19. <i>Nature</i> , 2020, 584, 463-469.	13.7	1,710
2	Sex differences in immune responses that underlie COVID-19 disease outcomes. <i>Nature</i> , 2020, 588, 315-320.	13.7	1,035
3	Saliva or Nasopharyngeal Swab Specimens for Detection of SARS-CoV-2. <i>New England Journal of Medicine</i> , 2020, 383, 1283-1286.	13.9	823
4	Analytical sensitivity and efficiency comparisons of SARS-CoV-2 RT-qPCR primer-probe sets. <i>Nature Microbiology</i> , 2020, 5, 1299-1305.	5.9	661
5	Diverse functional autoantibodies in patients with COVID-19. <i>Nature</i> , 2021, 595, 283-288.	13.7	619
6	Mouse model of SARS-CoV-2 reveals inflammatory role of type I interferon signaling. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	357
7	VEGF-C-driven lymphatic drainage enables immunosurveillance of brain tumours. <i>Nature</i> , 2020, 577, 689-694.	13.7	321
8	Mild respiratory COVID can cause multi-lineage neural cell and myelin dysregulation. <i>Cell</i> , 2022, 185, 2452-2468.e16.	13.5	237
9	Neoantigen-driven B cell and CD4 ⁺ follicular helper cell collaboration promotes anti-tumor CD8 T _H cell responses. <i>Cell</i> , 2021, 184, 6101-6118.e13.	13.5	192
10	Delayed production of neutralizing antibodies correlates with fatal COVID-19. <i>Nature Medicine</i> , 2021, 27, 1178-1186.	15.2	183
11	Adaptive immune determinants of viral clearance and protection in mouse models of SARS-CoV-2. <i>Science Immunology</i> , 2021, 6, eabl4509.	5.6	141
12	Germinal-center development of memory B cells driven by IL-9 from follicular helper T cells. <i>Nature Immunology</i> , 2017, 18, 921-930.	7.0	132
13	Divergent and self-reactive immune responses in the CNS of COVID-19 patients with neurological symptoms. <i>Cell Reports Medicine</i> , 2021, 2, 100288.	3.3	121
14	Kynurenic acid may underlie sex-specific immune responses to COVID-19. <i>Science Signaling</i> , 2021, 14, .	1.6	58
15	Targeting stem-loop 1 of the SARS-CoV-2 5' UTR to suppress viral translation and Nsp1 evasion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	56
16	A stem-loop RNA RIG-I agonist protects against acute and chronic SARS-CoV-2 infection in mice. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	46
17	Plexin B2 and Semaphorin 4C Guide T Cell Recruitment and Function in the Germinal Center. <i>Cell Reports</i> , 2017, 19, 995-1007.	2.9	40
18	Multiscale PHATE identifies multimodal signatures of COVID-19. <i>Nature Biotechnology</i> , 2022, 40, 681-691.	9.4	39

#	ARTICLE	IF	CITATIONS
19	High-affinity, neutralizing antibodies to SARS-CoV-2 can be made without T follicular helper cells. <i>Science Immunology</i> , 2022, 7, .	5.6	28
20	Lack of association between pandemic chilblains and SARS-CoV-2 infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	18
21	Virtual memory T cells orchestrate extralymphoid responses conducive to resident memory. <i>Science Immunology</i> , 2021, 6, eabg9433.	5.6	12
22	Myeloid dysregulation and therapeutic intervention in COVID-19. <i>Seminars in Immunology</i> , 2021, 55, 101524.	2.7	9
23	Longitudinal Immune Profiling of a Severe Acute Respiratory Syndrome Coronavirus 2 Reinfection in a Solid Organ Transplant Recipient. <i>Journal of Infectious Diseases</i> , 2022, 225, 374-384.	1.9	7
24	High-affinity, neutralizing antibodies to SARS-CoV-2 can be made without T follicular helper cells.. <i>Science Immunology</i> , 2021, , eabl5652.	5.6	6
25	Reply to: A finding of sex similarities rather than differences in COVID-19 outcomes. <i>Nature</i> , 2021, 597, E10-E11.	13.7	4
26	Case Study: Longitudinal immune profiling of a SARS-CoV-2 reinfection in a solid organ transplant recipient. , 2021, , .		3
27	Mouse Model of SARS-CoV-2 Reveals Inflammatory Role of Type I Interferon Signaling. <i>SSRN Electronic Journal</i> , 2020, , 3628297.	0.4	3
28	Multiscale PHATE Exploration of SARS-CoV-2 Data Reveals Multimodal Signatures of Disease. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
29	Endogenous Retroviruses Provide Protection Against Vaginal HSV-2 Disease. <i>Frontiers in Immunology</i> , 2021, 12, 758721.	2.2	1