

Matthew Zirui Tay

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

2,708
citations

12
h-index

24
g-index

24
ext. papers

3,715
ext. citations

10
avg, IF

6.4
L-index

#	Paper	IF	Citations
21	Decreased memory B cell frequencies in COVID-19 delta variant vaccine breakthrough infection.. <i>EMBO Molecular Medicine</i> , 2022 , e15227	12	6
20	Data-Driven Analysis of COVID-19 Reveals Persistent Immune Abnormalities in Convalescent Severe Individuals. <i>Frontiers in Immunology</i> , 2021 , 12, 710217	8.4	2
19	Robust Virus-Specific Adaptive Immunity in COVID-19 Patients with SARS-CoV-2 B82 Variant Infection. <i>Journal of Clinical Immunology</i> , 2021 , 1	5.7	1
18	Functional Homology for Antibody-Dependent Phagocytosis Across Humans and Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021 , 12, 678511	8.4	4
17	Asymptomatic COVID-19: disease tolerance with efficient anti-viral immunity against SARS-CoV-2. <i>EMBO Molecular Medicine</i> , 2021 , 13, e14045	12	12
16	Plasmodium vivax binds host CD98hc (SLC3A2) to enter immature red blood cells. <i>Nature Microbiology</i> , 2021 , 6, 991-999	26.6	5
15	Human neutralising antibodies elicited by SARS-CoV-2 non-D614G variants offer cross-protection against the SARS-CoV-2 D614G variant. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1241	6.8	13
14	The Role of Single-Cell Technology in the Study and Control of Infectious Diseases. <i>Cells</i> , 2020 , 9,	7.9	8
13	Hinge length contributes to the phagocytic activity of HIV-specific IgG1 and IgG3 antibodies. <i>PLoS Pathogens</i> , 2020 , 16, e1008083	7.6	20
12	The trinity of COVID-19: immunity, inflammation and intervention. <i>Nature Reviews Immunology</i> , 2020 , 20, 363-374	36.5	2173
11	HIV vaccine delayed boosting increases Env variable region 2-specific antibody effector functions. <i>JCI Insight</i> , 2020 , 5,	9.9	11
10	Linear B-cell epitopes in the spike and nucleocapsid proteins as markers of SARS-CoV-2 exposure and disease severity. <i>EBioMedicine</i> , 2020 , 58, 102911	8.8	61
9	Rare Detection of Antiviral Functions of Polyclonal IgA Isolated from Plasma and Breast Milk Compartments in Women Chronically Infected with HIV-1. <i>Journal of Virology</i> , 2019 , 93,	6.6	10
8	Antibody-Dependent Cellular Phagocytosis in Antiviral Immune Responses. <i>Frontiers in Immunology</i> , 2019 , 10, 332	8.4	72
7	HIV-1-Specific IgA Monoclonal Antibodies from an HIV-1 Vaccinee Mediate Galactosylceramide Blocking and Phagocytosis. <i>Journal of Virology</i> , 2018 , 92,	6.6	25
6	Unique Allelic eQTL Clusters in Human MHC Haplotypes. <i>G3: Genes, Genomes, Genetics</i> , 2017 , 7, 2595-2604	3.2	14
5	Sieve analysis of breakthrough HIV-1 sequences in HVTN 505 identifies vaccine pressure targeting the CD4 binding site of Env-gp120. <i>PLoS ONE</i> , 2017 , 12, e0185959	3.7	20

4	Antibody-Mediated Internalization of Infectious HIV-1 Virions Differs among Antibody Isotypes and Subclasses. <i>PLoS Pathogens</i> , 2016 , 12, e1005817	7.6	89
3	HIV-1 VACCINES. Diversion of HIV-1 vaccine-induced immunity by gp41-microbiota cross-reactive antibodies. <i>Science</i> , 2015 , 349, aab1253	33.3	144
2	Intrahaplotypic Variants Differentiate Complex Linkage Disequilibrium within Human MHC Haplotypes. <i>Scientific Reports</i> , 2015 , 5, 16972	4.9	12
1	Neutralizing antibodies from early cases of SARS-CoV-2 infection offer cross-protection against the SARS-CoV-2 D614G variant		5