

# Matthew Zirui Tay

## List of Publications by Citations

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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	The trinity of COVID-19: immunity, inflammation and intervention. <i>Nature Reviews Immunology</i> , <b>2020</b> , 20, 363-374	36.5	2173
20	HIV-1 VACCINES. Diversion of HIV-1 vaccine-induced immunity by gp41-microbiota cross-reactive antibodies. <i>Science</i> , <b>2015</b> , 349, aab1253	33.3	144
19	Antibody-Mediated Internalization of Infectious HIV-1 Virions Differs among Antibody Isotypes and Subclasses. <i>PLoS Pathogens</i> , <b>2016</b> , 12, e1005817	7.6	89
18	Antibody-Dependent Cellular Phagocytosis in Antiviral Immune Responses. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 332	8.4	72
17	Linear B-cell epitopes in the spike and nucleocapsid proteins as markers of SARS-CoV-2 exposure and disease severity. <i>EBioMedicine</i> , <b>2020</b> , 58, 102911	8.8	61
16	HIV-1-Specific IgA Monoclonal Antibodies from an HIV-1 Vaccinee Mediate Galactosylceramide Blocking and Phagocytosis. <i>Journal of Virology</i> , <b>2018</b> , 92,	6.6	25
15	Hinge length contributes to the phagocytic activity of HIV-specific IgG1 and IgG3 antibodies. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008083	7.6	20
14	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> , <b>2017</b> , 12, e0185959	3.7	20
13	Unique Allelic eQTL Clusters in Human MHC Haplotypes. <i>G3: Genes, Genomes, Genetics</i> , <b>2017</b> , 7, 2595-2604	3.4	14
12	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> , <b>2021</b> , 10, e1241	6.8	13
11	Intrahaplotypic Variants Differentiate Complex Linkage Disequilibrium within Human MHC Haplotypes. <i>Scientific Reports</i> , <b>2015</b> , 5, 16972	4.9	12
10	Asymptomatic COVID-19: disease tolerance with efficient anti-viral immunity against SARS-CoV-2. <i>EMBO Molecular Medicine</i> , <b>2021</b> , 13, e14045	12	12
9	HIV vaccine delayed boosting increases Env variable region 2-specific antibody effector functions. <i>JCI Insight</i> , <b>2020</b> , 5,	9.9	11
8	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> , <b>2019</b> , 93,	6.6	10
7	The Role of Single-Cell Technology in the Study and Control of Infectious Diseases. <i>Cells</i> , <b>2020</b> , 9,	7.9	8
6	Decreased memory B cell frequencies in COVID-19 delta variant vaccine breakthrough infection.. <i>EMBO Molecular Medicine</i> , <b>2022</b> , e15227	12	6
5	Neutralizing antibodies from early cases of SARS-CoV-2 infection offer cross-protection against the SARS-CoV-2 D614G variant		5

4	Plasmodium vivax binds host CD98hc (SLC3A2) to enter immature red blood cells. <i>Nature Microbiology</i> , <b>2021</b> , 6, 991-999	26.6	5
3	Functional Homology for Antibody-Dependent Phagocytosis Across Humans and Rhesus Macaques. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 678511	8.4	4
2	Data-Driven Analysis of COVID-19 Reveals Persistent Immune Abnormalities in Convalescent Severe Individuals. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 710217	8.4	2
1	Robust Virus-Specific Adaptive Immunity in COVID-19 Patients with SARS-CoV-2 B82 Variant Infection. <i>Journal of Clinical Immunology</i> , <b>2021</b> , 1	5.7	1