

# Matthew Zirui Tay

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3240041/publications.pdf>

Version: 2024-02-01

22  
papers

4,297  
citations

567281

15  
h-index

752698

20  
g-index

24  
all docs

24  
docs citations

24  
times ranked

10875  
citing authors

#	ARTICLE	IF	CITATIONS
1	The trinity of COVID-19: immunity, inflammation and intervention. <i>Nature Reviews Immunology</i> , 2020, 20, 363-374.	22.7	3,347
2	Diversion of HIV-1 vaccine-induced immunity by gp41-microbiota cross-reactive antibodies. <i>Science</i> , 2015, 349, aab1253.	12.6	191
3	Antibody-Dependent Cellular Phagocytosis in Antiviral Immune Responses. <i>Frontiers in Immunology</i> , 2019, 10, 332.	4.8	156
4	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.	6.1	120
5	Antibody-Mediated Internalization of Infectious HIV-1 Virions Differs among Antibody Isotypes and Subclasses. <i>PLoS Pathogens</i> , 2016, 12, e1005817.	4.7	119
6	Hinge length contributes to the phagocytic activity of HIV-specific IgG1 and IgG3 antibodies. <i>PLoS Pathogens</i> , 2020, 16, e1008083.	4.7	50
7	HIV-1-Specific IgA Monoclonal Antibodies from an HIV-1 Vaccinee Mediate Galactosylceramide Blocking and Phagocytosis. <i>Journal of Virology</i> , 2018, 92, .	3.4	45
8	Asymptomatic COVID-19: disease tolerance with efficient anti-viral immunity against SARS-CoV-2. <i>EMBO Molecular Medicine</i> , 2021, 13, e14045.	6.9	36
9	Decreased memory B cell frequencies in COVID-19 delta variant vaccine breakthrough infection. <i>EMBO Molecular Medicine</i> , 2022, 14, e15227.	6.9	31
10	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.	2.5	27
11	<i>Plasmodium vivax</i> binds host CD98hc (SLC3A2) to enter immature red blood cells. <i>Nature Microbiology</i> , 2021, 6, 991-999.	13.3	26
12	Unique Allelic eQTL Clusters in Human MHC Haplotypes. <i>G3: Genes, Genomes, Genetics</i> , 2017, 7, 2595-2604.	1.8	22
13	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, .	3.4	20
14	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.	3.8	18
15	HIV vaccine delayed boosting increases Env variable region -specific antibody effector functions. <i>JCI Insight</i> , 2020, 5, .	5.0	18
16	Intrahaplotypic Variants Differentiate Complex Linkage Disequilibrium within Human MHC Haplotypes. <i>Scientific Reports</i> , 2015, 5, 16972.	3.3	16
17	The Role of Single-Cell Technology in the Study and Control of Infectious Diseases. <i>Cells</i> , 2020, 9, 1440.	4.1	15
18	Robust Virus-Specific Adaptive Immunity in COVID-19 Patients with SARS-CoV-2 Î³382 Variant Infection. <i>Journal of Clinical Immunology</i> , 2022, 42, 214-229.	3.8	15

#	ARTICLE	IF	CITATIONS
19	Functional Homology for Antibody-Dependent Phagocytosis Across Humans and Rhesus Macaques. <i>Frontiers in Immunology</i> , 2021, 12, 678511.	4.8	11
20	Data-Driven Analysis of COVID-19 Reveals Persistent Immune Abnormalities in Convalescent Severe Individuals. <i>Frontiers in Immunology</i> , 2021, 12, 710217.	4.8	8
21	Linear B-Cell Epitopes in the Spike and Nucleocapsid Proteins as Markers of SARS-CoV-2 Exposure and Disease Severity. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
22	Immune Landscape of 382-Nt Deleted SARS-CoV-2 Reveals Heightened Adaptive Response Indicating Prophylactic Potential Against COVID-19. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0