

Tiong Kit Tan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1795215/publications.pdf>

Version: 2024-02-01

35
papers

3,564
citations

361296

20
h-index

330025

37
g-index

54
all docs

54
docs citations

54
times ranked

6038
citing authors

#	ARTICLE	IF	CITATIONS
1	Structures and therapeutic potential of anti-RBD human monoclonal antibodies against SARS-CoV-2. <i>Theranostics</i> , 2022, 12, 1-17.	4.6	6
2	An immunodominant NP105â€™113-B*07:02 cytotoxic T cell response controls viral replication and is associated with less severe COVID-19 disease. <i>Nature Immunology</i> , 2022, 23, 50-61.	7.0	110
3	SARS-CoV-2 Omicron-B.1.1.529 leads to widespread escape from neutralizing antibody responses. <i>Cell</i> , 2022, 185, 467-484.e15.	13.5	788
4	Kinetics of immune responses to SARS-CoV-2 proteins in individuals with varying severity of infection and following a single dose of the AZD1222. <i>Clinical and Experimental Immunology</i> , 2022, 208, 323-331.	1.1	3
5	Immune responses following the first dose of the Sputnik V (Gam-COVID-Vac). <i>Scientific Reports</i> , 2022, 12, 1727.	1.6	11
6	Kinetics of immune responses to the AZD1222/Covishield vaccine with varying dose intervals in Sri Lankan individuals. <i>Immunity, Inflammation and Disease</i> , 2022, 10, e592.	1.3	6
7	Secondary influenza challenge triggers resident memory B cell migration and rapid relocation to boost antibody secretion at infected sites. <i>Immunity</i> , 2022, 55, 718-733.e8.	6.6	44
8	A rapid antibody screening haemagglutination test for predicting immunity to SARS-CoV-2 variants of concern. <i>Communications Medicine</i> , 2022, 2, .	1.9	3
9	Pathogen-sugar interactions revealed by universal saturation transfer analysis. <i>Science</i> , 2022, 377, .	6.0	24
10	SpySwitch enables pH- or heat-responsive capture and release for plug-and-display nanoassembly. <i>Nature Communications</i> , 2022, 13, .	5.8	12
11	Mosaic RBD nanoparticles protect against challenge by diverse sarbecoviruses in animal models. <i>Science</i> , 2022, 377, .	6.0	120
12	Hepcidin-Mediated Hypoferremia Disrupts Immune Responses to Vaccination and Infection. <i>Med</i> , 2021, 2, 164-179.e12.	2.2	53
13	Overcoming Symmetry Mismatch in Vaccine Nanoassembly through Spontaneous Amidation. <i>Angewandte Chemie</i> , 2021, 133, 325-334.	1.6	8
14	Overcoming Symmetry Mismatch in Vaccine Nanoassembly through Spontaneous Amidation. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 321-330.	7.2	45
15	Micro-fusion inhibition tests: quantifying antibody neutralization of virus-mediated cellâ€™cell fusion. <i>Journal of General Virology</i> , 2021, 102, .	1.3	21
16	A COVID-19 vaccine candidate using SpyCatcher multimerization of the SARS-CoV-2 spike protein receptor-binding domain induces potent neutralising antibody responses. <i>Nature Communications</i> , 2021, 12, 542.	5.8	200
17	Breadth and function of antibody response to acute SARS-CoV-2 infection in humans. <i>PLoS Pathogens</i> , 2021, 17, e1009352.	2.1	56
18	A haemagglutination test for rapid detection of antibodies to SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 1951.	5.8	54

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19	The antigenic anatomy of SARS-CoV-2 receptor binding domain. <i>Cell</i> , 2021, 184, 2183-2200.e22.	13.5	331
20	Development of a T7 RNA polymerase expressing cell line using lentivirus vectors for the recovery of recombinant Newcastle disease virus. <i>Journal of Virological Methods</i> , 2021, 291, 114099.	1.0	0
21	Inclusion of cGAMP within virus-like particle vaccines enhances their immunogenicity. <i>EMBO Reports</i> , 2021, 22, e52447.	2.0	24
22	Immune responses to a single dose of the AZD1222/Covishield vaccine in health care workers. <i>Nature Communications</i> , 2021, 12, 4617.	5.8	44
23	Two doses of SARS-CoV-2 vaccination induce robust immune responses to emerging SARS-CoV-2 variants of concern. <i>Nature Communications</i> , 2021, 12, 5061.	5.8	150
24	Comparison of two assays to detect IgG antibodies to the receptor binding domain of SARS-CoV-2 as a surrogate marker for assessing neutralizing antibodies in COVID-19 patients. <i>International Journal of Infectious Diseases</i> , 2021, 109, 85-89.	1.5	18
25	Adenosine-to-inosine editing of endogenous Z-form RNA by the deaminase ADAR1 prevents spontaneous MAVS-dependent type I interferon responses. <i>Immunity</i> , 2021, 54, 1961-1975.e5.	6.6	69
26	The circadian clock component BMAL1 regulates SARS-CoV-2 entry and replication in lung epithelial cells. <i>iScience</i> , 2021, 24, 103144.	1.9	34
27	Immune Responses to a Single Dose of the AZD1222/Covishield Vaccine at 16 Weeks in Individuals in Sri Lanka. <i>Journal of Immunology</i> , 2021, 207, 2681-2687.	0.4	4
28	Seroprevalence of SARS-CoV-2 Infection in the Colombo Municipality Region, Sri Lanka. <i>Frontiers in Public Health</i> , 2021, 9, 724398.	1.3	8
29	Broadly Inhibiting Antineuraminidase Monoclonal Antibodies Induced by Trivalent Influenza Vaccine and H7N9 Infection in Humans. <i>Journal of Virology</i> , 2020, 94, .	1.5	29
30	Neutralizing nanobodies bind SARS-CoV-2 spike RBD and block interaction with ACE2. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 846-854.	3.6	434
31	Structural basis for the neutralization of SARS-CoV-2 by an antibody from a convalescent patient. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 950-958.	3.6	268
32	Lung-targeting lentiviral vector for passive immunisation against influenza. <i>Thorax</i> , 2020, 75, 1112-1115.	2.7	7
33	A novel biparatopic hybrid antibody-ACE2 fusion that blocks SARS-CoV-2 infection: implications for therapy. <i>MAbs</i> , 2020, 12, 1804241.	2.6	28
34	Neutralization of SARS-CoV-2 by Destruction of the Prefusion Spike. <i>Cell Host and Microbe</i> , 2020, 28, 445-454.e6.	5.1	298
35	An improved method for the rescue of recombinant Newcastle disease virus. <i>BioTechniques</i> , 2020, 68, 96-100.	0.8	3