Taia T Wang

List of Publications by Year
in descending order

36 papers	4,039 citations	236925 25 h-index	377865 34 g-index
43 all docs	43 docs citations	43 times ranked	5958 citing authors

#	Article	IF	Citations
1	Early non-neutralizing, afucosylated antibody responses are associated with COVID-19 severity. Science Translational Medicine, 2022, 14, eabm7853.	12.4	71
2	Antibodies elicited by SARS-CoV-2 infection or mRNA vaccines have reduced neutralizing activity against Beta and Omicron pseudoviruses. Science Translational Medicine, 2022, 14, eabn7842.	12.4	92
3	Differential Peripheral Blood Glycoprotein Profiles in Symptomatic and Asymptomatic COVID-19. Viruses, 2022, 14, 553.	3.3	7
4	Heterogeneity in IgGâ€CD16 signaling in infectious disease outcomes*. Immunological Reviews, 2022, 309, 64-74.	6.0	9
5	Harnessing IgG Fc glycosylation for clinical benefit. Current Opinion in Immunology, 2022, 77, 102231.	5.5	3
6	Proinflammatory IgG Fc structures in patients with severe COVID-19. Nature Immunology, 2021, 22, 67-73.	14.5	239
7	SARS-CoV-2 vaccines in advanced clinical trials: Where do we stand?. Advanced Drug Delivery Reviews, 2021, 172, 314-338.	13.7	75
8	An aberrant inflammatory response in severe COVID-19. Cell Host and Microbe, 2021, 29, 1043-1047.	11.0	24
9	Illuminating the Fc dependence of SARS-CoV-2 neutralization. Immunity, 2021, 54, 1912-1914.	14.3	1
10	New-onset IgG autoantibodies in hospitalized patients with COVID-19. Nature Communications, 2021, 12, 5417.	12.8	286
11	Immunoglobulin E sialylation regulates allergic responses. Immunology and Cell Biology, 2020, 98, 617-619.	2.3	2
12	Maternal Anti-Dengue IgG Fucosylation Predicts Susceptibility to Dengue Disease in Infants. Cell Reports, 2020, 31, 107642.	6.4	44
13	FcRn, but not FcÎ³Rs, drives maternal-fetal transplacental transport of human IgG antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12943-12951.	7.1	55
14	IgG Fc Glycosylation in Human Immunity. Current Topics in Microbiology and Immunology, 2019, 423, 63-75.	1.1	38
15	Functional diversification of IgGs through Fc glycosylation. Journal of Clinical Investigation, 2019, 129, 3492-3498.	8.2	115
16	Immunological responses to influenza vaccination: lessons for improving vaccine efficacy. Current Opinion in Immunology, 2018, 53, 124-129.	5.5	24
17	The Role of Fc Gamma Receptors in Broad Protection against Influenza Viruses. Vaccines, 2018, 6, 36.	4.4	30
18	IgG antibodies to dengue enhanced for FcÎ³RIIIA binding determine disease severity. Science, 2017, 355, 395-398.	12.6	286

#	Article	IF	Citations
19	Signaling by Antibodies: Recent Progress. Annual Review of Immunology, 2017, 35, 285-311.	21.8	167
20	Increasing the breadth and potency of response to the seasonal influenza virus vaccine by immune complex immunization. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 10172-10177.	7.1	42
21	The Role and Function of FcÎ³ Receptors on Myeloid Cells. , 2017, , 405-427.		8
22	The Role and Function of FcÎ³ Receptors on Myeloid Cells. Microbiology Spectrum, 2016, 4, .	3.0	96
23	Immune Complexes: Not Just an Innocent Bystander in Chronic Viral Infection. Immunity, 2015, 42, 213-215.	14.3	20
24	Anti-HA Glycoforms Drive B Cell Affinity Selection and Determine Influenza Vaccine Efficacy. Cell, 2015, 162, 160-169.	28.9	171
25	Type I and type II Fc receptors regulate innate and adaptive immunity. Nature Immunology, 2014, 15, 707-716.	14.5	425
26	Seroevidence for H5N1 Influenza Infections in Humans: Meta-Analysis. Science, 2012, 335, 1463-1463.	12.6	108
27	H5N1 influenza viruses: Facts, not fear. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2211-2213.	7.1	61
28	Hemagglutinin stalk antibodies elicited by the 2009 pandemic influenza virus as a mechanism for the extinction of seasonal H1N1 viruses. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 2573-2578.	7.1	244
29	Response to Comment on â€œSeroevidence for H5N1 Influenza Infections in Humans: Meta-Analysisâ€• Science, 2012, 336, 1506-1506.	12.6	4
30	Catching a Moving Target. Science, 2011, 333, 834-835.	12.6	24
31	Why Do Influenza Virus Subtypes Die Out? A Hypothesis. MBio, 2011, 2, .	4.1	103
32	Broadly Protective Monoclonal Antibodies against H3 Influenza Viruses following Sequential Immunization with Different Hemagglutinins. PLoS Pathogens, 2010, 6, e1000796.	4.7	251
33	Influenza Virus Vaccine Based on the Conserved Hemagglutinin Stalk Domain. MBio, 2010, 1, .	4.1	460
34	A Nine-Segment Influenza A Virus Carrying Subtype H1 and H3 Hemagglutinins. Journal of Virology, 2010, 84, 8062-8071.	3.4	29
35	Vaccination with a synthetic peptide from the influenza virus hemagglutinin provides protection against distinct viral subtypes. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18979-18984.	7.1	273
36	Unraveling the Mystery of Swine Influenza Virus. Cell, 2009, 137, 983-985.	28.9	97