Jens Wrammert

List of Publications by Year
in descending order

69	10,133	87888 38	98798 67
papers	citations	h-index	g-index

80	80	80	14681
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid cloning of high-affinity human monoclonal antibodies against influenza virus. Nature, 2008, 453, 667-671.	27.8	959
2	Broadly cross-reactive antibodies dominate the human B cell response against 2009 pandemic H1N1 influenza virus infection. Journal of Experimental Medicine, 2011, 208, 181-193.	8.5	775
3	Systems biology of vaccination for seasonal influenza in humans. Nature Immunology, 2011, 12, 786-795.	14.5	749
4	Human antibody responses after dengue virus infection are highly cross-reactive to Zika virus. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 7852-7857.	7.1	479
5	Rapid generation of fully human monoclonal antibodies specific to a vaccinating antigen. Nature Protocols, 2009, 4, 372-384.	12.0	458
6	Rapid Generation of Neutralizing Antibody Responses in COVID-19 Patients. Cell Reports Medicine, 2020, 1, 100040.	6.5	421
7	Zika Virus Infects Human Placental Macrophages. Cell Host and Microbe, 2016, 20, 83-90.	11.0	410
8	Pandemic H1N1 influenza vaccine induces a recall response in humans that favors broadly cross-reactive memory B cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9047-9052.	7.1	371
9	Immune history profoundly affects broadly protective B cell responses to influenza. Science Translational Medicine, 2015, 7, 316ra192.	12.4	353
10	Longitudinal analysis shows durable and broad immune memory after SARS-CoV-2 infection with persisting antibody responses and memory B and TÂcells. Cell Reports Medicine, 2021, 2, 100354.	6.5	316
11	Frequency and Phenotype of Human Immunodeficiency Virus Envelope-Specific B Cells from Patients with Broadly Cross-Neutralizing Antibodies. Journal of Virology, 2009, 83, 188-199.	3.4	297
12	Infection and Vaccine-Induced Neutralizing-Antibody Responses to the SARS-CoV-2 B.1.617 Variants. New England Journal of Medicine, 2021, 385, 664-666.	27.0	297
13	Influenza Infection in Humans Induces Broadly Cross-Reactive and Protective Neuraminidase-Reactive Antibodies. Cell, 2018, 173, 417-429.e10.	28.9	295
14	IgG antibodies to dengue enhanced for FcÎ³RIIIA binding determine disease severity. Science, 2017, 355, 395-398.	12.6	286
15	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
16	Rapid and Massive Virus-Specific Plasmablast Responses during Acute Dengue Virus Infection in Humans. Journal of Virology, 2012, 86, 2911-2918.	3.4	233
17	Dengue Virus Infection Induces Expansion of a CD14+CD16+ Monocyte Population that Stimulates Plasmablast Differentiation. Cell Host and Microbe, 2014, 16, 115-127.	11.0	220
18	Infection- and vaccine-induced antibody binding and neutralization of the B.1.351 SARS-CoV-2 variant. Cell Host and Microbe, 2021, 29, 516-521.e3.	11.0	199

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19	Induction of broadly cross-reactive antibody responses to the influenza HA stem region following H5N1 vaccination in humans. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 13133-13138.	7.1	197
20	Immune history shapes specificity of pandemic H1N1 influenza antibody responses. Journal of Experimental Medicine, 2013, 210, 1493-1500.	8.5	163
21	mRNA-1273 and BNT162b2 mRNA vaccines have reduced neutralizing activity against the SARS-CoV-2 omicron variant. Cell Reports Medicine, 2022, 3, 100529.	6.5	158
22	Influenza Virus Vaccination Elicits Poorly Adapted B Cell Responses in Elderly Individuals. Cell Host and Microbe, 2019, 25, 357-366.e6.	11.0	124
23	Quantitative SARS-CoV-2 Serology in Children With Multisystem Inflammatory Syndrome (MIS-C). Pediatrics, 2020, 146, .	2.1	113
24	B Cell Responses during Secondary Dengue Virus Infection Are Dominated by Highly Cross-Reactive, Memory-Derived Plasmablasts. Journal of Virology, 2016, 90, 5574-5585.	3.4	111
25	Development of a Rapid Focus Reduction Neutralization Test Assay for Measuring SARSâ€CoVâ€2 Neutralizing Antibodies. Current Protocols in Immunology, 2020, 131, e116.	3.6	111
26	Antigen-Specific Memory B-Cell Responses to Vibrio cholerae O1 Infection in Bangladesh. Infection and Immunity, 2009, 77, 3850-3856.	2.2	110
27	Cross-Reactive Dengue Virus Antibodies Augment Zika Virus Infection of Human Placental Macrophages. Cell Host and Microbe, 2018, 24, 731-742.e6.	11.0	107
28	Humoral cross-reactivity between Zika and dengue viruses: implications for protection and pathology. Emerging Microbes and Infections, 2017, 6, 1-6.	6.5	93
29	3M-052, a synthetic TLR-7/8 agonist, induces durable HIV-1 envelopeâ€“specific plasma cells and humoral immunity in nonhuman primates. Science Immunology, 2020, 5, .	11.9	90
30	Influenza vaccineâ€“induced human bone marrow plasma cells decline within a year after vaccination. Science, 2020, 370, 237-241.	12.6	77
31	Postnatal Zika virus infection is associated with persistent abnormalities in brain structure, function, and behavior in infant macaques. Science Translational Medicine, 2018, 10, .	12.4	75
32	Adjuvanting a Simian Immunodeficiency Virus Vaccine with Toll-Like Receptor Ligands Encapsulated in Nanoparticles Induces Persistent Antibody Responses and Enhanced Protection in TRIM5Î± Restrictive Macaques. Journal of Virology, 2017, 91, .	3.4	70
33	Altered amino acid profile in patients with SARS-CoV-2 infection. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	68
34	Single-Cell Analysis of the Plasmablast Response to Vibrio cholerae Demonstrates Expansion of Cross-Reactive Memory B Cells. MBio, 2016, 7, .	4.1	62
35	BALDR: a computational pipeline for paired heavy and light chain immunoglobulin reconstruction in single-cell RNA-seq data. Genome Medicine, 2018, 10, 20.	8.2	60
36	Antigenic Drift of the Influenza A(H1N1)pdm09 Virus Neuraminidase Results in Reduced Effectiveness of A/California/7/2009 (H1N1pdm09)-Specific Antibodies. MBio, 2019, 10, .	4.1	57

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37	Robust memory responses against influenza vaccination in pemphigus patients previously treated with rituximab. JCI Insight, 2017, 2, .	5.0	54
38	Vaccine induction of antibodies and tissue-resident CD8+ T cells enhances protection against mucosal SHIV-infection in young macaques. JCI Insight, 2019, 4, .	5.0	50
39	Vaccine-induced plasmablast responses in rhesus macaques: Phenotypic characterization and a source for generating antigen-specific monoclonal antibodies. Journal of Immunological Methods, 2015, 416, 69-83.	1.4	43
40	Crossâ€reactive humoral responses to influenza and their implications for a universal vaccine. Annals of the New York Academy of Sciences, 2013, 1283, 13-21.	3.8	38
41	Implications of broadly neutralizing antibodies in the development of a universal influenza vaccine. Current Opinion in Virology, 2016, 17, 110-115.	5.4	38
42	High Affinity Antibodies against Influenza Characterize the Plasmablast Response in SLE Patients After Vaccination. PLoS ONE, 2015, 10, e0125618.	2.5	35
43	Humoral Immune Responses Against Zika Virus Infection and the Importance of Preexisting Flavivirus Immunity. Journal of Infectious Diseases, 2017, 216, S906-S911.	4.0	34
44	Broadly Reactive Human Monoclonal Antibodies Elicited following Pandemic H1N1 Influenza Virus Exposure Protect Mice against Highly Pathogenic H5N1 Challenge. Journal of Virology, 2018, 92, .	3.4	33
45	Antibody-Secreting Cell Responses after Vibrio cholerae O1 Infection and Oral Cholera Vaccination in Adults in Bangladesh. Vaccine Journal, 2013, 20, 1592-1598.	3.1	31
46	Single-Cell Analysis Suggests that Ongoing Affinity Maturation Drives the Emergence of Pemphigus Vulgaris Autoimmune Disease. Cell Reports, 2019, 28, 909-922.e6.	6.4	31
47	Maintenance of serological memory. Biological Chemistry, 2008, 389, 537-539.	2.5	30
48	Decreased humoral immunity to mumps in young adults immunized with MMR vaccine in childhood. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 19071-19076.	7.1	30
49	Pre-existing SARS-CoV-2 immunity influences potency, breadth, and durability of the humoral response to SARS-CoV-2 vaccination. Cell Reports Medicine, 2022, 3, 100603.	6.5	27
50	Characterization of neutralizing versus binding antibodies and memory B cells in COVID-19 recovered individuals from India. Virology, 2021, 558, 13-21.	2.4	24
51	Comparison of Antibody Class-Specific SARS-CoV-2 Serologies for the Diagnosis of Acute COVID-19. Journal of Clinical Microbiology, 2021, 59, .	3.9	23
52	Secretory phospholipase A2 in SARS-CoV-2 infection and multisystem inflammatory syndrome in children (MIS-C). Experimental Biology and Medicine, 2021, 246, 2543-2552.	2.4	20
53	Humans Surviving Cholera Develop Antibodies against Vibrio cholerae O-Specific Polysaccharide That Inhibit Pathogen Motility. MBio, 2020, 11, .	4.1	20
54	Potent Plasmablast-Derived Antibodies Elicited by the National Institutes of Health Dengue Vaccine. Journal of Virology, 2017, 91, .	3.4	19

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55	Antibody Response to COVID-19 mRNA Vaccine in Patients With Lung Cancer After Primary Immunization and Booster: Reactivity to the SARS-CoV-2 WT Virus and Omicron Variant. Journal of Clinical Oncology, 2022, 40, 3808-3816.	1.6	19
56	Pre-Existing Dengue Immunity Drives a DENV-Biased Plasmablast Response in ZIKV-Infected Patient. Viruses, 2019, 11, 19.	3.3	16
57	Strong, but Age-Dependent, Protection Elicited by a Deoxyribonucleic Acid/Modified Vaccinia Ankara Simian Immunodeficiency Virus Vaccine. Open Forum Infectious Diseases, 2016, 3, ofw034.	0.9	15
58	Cross-Reactive Antibodies during Zika Virus Infection: Protection, Pathogenesis, and Placental Seeding. Cell Host and Microbe, 2020, 27, 14-24.	11.0	15
59	The amphibian peptide Yodha is virucidal for Zika and dengue viruses. Scientific Reports, 2021, 11, 602.	3.3	13
60	Novel multiplex assay platforms to detect influenza A hemagglutinin subtypeâ€specific antibody responses for highâ€throughput and inâ€field applications. Influenza and Other Respiratory Viruses, 2017, 11, 289-297.	3.4	11
61	Impact of Immunoglobulin Isotype and Epitope on the Functional Properties of Vibrio cholerae O-Specific Polysaccharide-Specific Monoclonal Antibodies. MBio, 2021, 12, .	4.1	8
62	Evaluation of Cellular and Serological Responses to Acute SARS-CoV-2 Infection Demonstrates the Functional Importance of the Receptor-Binding Domain. Journal of Immunology, 2021, 206, 2605-2613.	0.8	7
63	Induction of human plasmablasts during infection with antibiotic-resistant nosocomial bacteria. Journal of Antimicrobial Chemotherapy, 2014, 69, 1830-1833.	3.0	6
64	Prevalence of SARS-CoV-2 antibodies in pediatric healthcare workers. International Journal of Infectious Diseases, 2021, 105, 474-481.	3.3	6
65	Induction of Transient Virus Replication Facilitates Antigen-Independent Isolation of SIV-Specific Monoclonal Antibodies. Molecular Therapy - Methods and Clinical Development, 2020, 16, 225-237.	4.1	5
66	Plasmablast, Memory B Cell, CD4+ T Cell, and Circulating Follicular Helper T Cell Responses to a Non-Replicating Modified Vaccinia Ankara Vaccine. Vaccines, 2020, 8, 69.	4.4	4
67	Longitudinal analysis of human humoral responses after vaccination with a live attenuated V. cholerae vaccine. PLoS Neglected Tropical Diseases, 2021, 15, e0009743.	3.0	4
68	Development of a Monoclonal Antibody to a Vibriophage as a Proxy for Vibrio cholerae Detection. Infection and Immunity, 2022, 90, .	2.2	1
69	Editorial: Advances in Plasma Cells in Health and Disease. Frontiers in Immunology, 2020, 11, 606737.	4.8	0