

Fabian Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

10,053
citations

361296

20
h-index

526166

27
g-index

44
all docs

44
docs citations

44
times ranked

15829
citing authors

#	ARTICLE	IF	CITATIONS
1	Convergent antibody responses to SARS-CoV-2 in convalescent individuals. <i>Nature</i> , 2020, 584, 437-442.	13.7	1,742
2	Evolution of antibody immunity to SARS-CoV-2. <i>Nature</i> , 2021, 591, 639-644.	13.7	1,355
3	Escape from neutralizing antibodies by SARS-CoV-2 spike protein variants. <i>ELife</i> , 2020, 9, .	2.8	1,239
4	mRNA vaccine-elicited antibodies to SARS-CoV-2 and circulating variants. <i>Nature</i> , 2021, 592, 616-622.	13.7	1,232
5	Structures of Human Antibodies Bound to SARS-CoV-2 Spike Reveal Common Epitopes and Recurrent Features of Antibodies. <i>Cell</i> , 2020, 182, 828-842.e16.	13.5	724
6	Naturally enhanced neutralizing breadth against SARS-CoV-2 one year after infection. <i>Nature</i> , 2021, 595, 426-431.	13.7	610
7	Measuring SARS-CoV-2 neutralizing antibody activity using pseudotyped and chimeric viruses. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	503
8	Mapping mutations to the SARS-CoV-2 RBD that escape binding by different classes of antibodies. <i>Nature Communications</i> , 2021, 12, 4196.	5.8	332
9	Antibody potency, effector function, and combinations in protection and therapy for SARS-CoV-2 infection in vivo. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	283
10	Anti-SARS-CoV-2 receptor-binding domain antibody evolution after mRNA vaccination. <i>Nature</i> , 2021, 600, 517-522.	13.7	239
11	Affinity maturation of SARS-CoV-2 neutralizing antibodies confers potency, breadth, and resilience to viral escape mutations. <i>Immunity</i> , 2021, 54, 1853-1868.e7.	6.6	230
12	Increased memory B cell potency and breadth after a SARS-CoV-2 mRNA boost. <i>Nature</i> , 2022, 607, 128-134.	13.7	197
13	High genetic barrier to SARS-CoV-2 polyclonal neutralizing antibody escape. <i>Nature</i> , 2021, 600, 512-516.	13.7	174
14	Serological Assays Estimate Highly Variable SARS-CoV-2 Neutralizing Antibody Activity in Recovered COVID-19 Patients. <i>Journal of Clinical Microbiology</i> , 2020, 58, .	1.8	154
15	Nanobodies from camelid mice and llamas neutralize SARS-CoV-2 variants. <i>Nature</i> , 2021, 595, 278-282.	13.7	154
16	Analysis of memory B cells identifies conserved neutralizing epitopes on the N-terminal domain of variant SARS-Cov-2 spike proteins. <i>Immunity</i> , 2022, 55, 998-1012.e8.	6.6	86
17	Broad cross-reactivity across sarbecoviruses exhibited by a subset of COVID-19 donor-derived neutralizing antibodies. <i>Cell Reports</i> , 2021, 36, 109760.	2.9	80
18	Replication and single-cycle delivery of SARS-CoV-2 replicons. <i>Science</i> , 2021, 374, 1099-1106.	6.0	49

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19	Low-dose in vivo protection and neutralization across SARS-CoV-2 variants by monoclonal antibody combinations. <i>Nature Immunology</i> , 2021, 22, 1503-1514.	7.0	40
20	Highly synergistic combinations of nanobodies that target SARS-CoV-2 and are resistant to escape. <i>ELife</i> , 2021, 10, .	2.8	36
21	Longitudinal variation in SARS-CoV-2 antibody levels and emergence of viral variants: a serological analysis. <i>Lancet Microbe</i> , The, 2022, 3, e493-e502.	3.4	22
22	Simian Immunodeficiency Virus Infection of Chimpanzees (<i>Pan troglodytes</i>) Shares Features of Both Pathogenic and Non-pathogenic Lentiviral Infections. <i>PLoS Pathogens</i> , 2015, 11, e1005146.	2.1	20
23	Full-Length Genome Analyses of Two New Simian Immunodeficiency Virus (SIV) Strains from Mustached Monkeys (<i>C. Cephus</i>) in Gabon Illustrate a Complex Evolutionary History among the SIVmus/mon/gsn Lineage. <i>Viruses</i> , 2014, 6, 2880-2898.	1.5	11
24	Loss of memory CD4+ T-cells in semi-wild mandrills (<i>Mandrillus sphinx</i>) naturally infected with species-specific simian immunodeficiency virus SIVmnd-1. <i>Journal of General Virology</i> , 2014, 95, 201-212.	1.3	11
25	Antibody evolution to SARS-CoV-2 after single-dose Ad26.COVS.S vaccine in humans. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	10
26	Phyloepidemiological Analysis Reveals that Viral Divergence Led to the Paucity of Simian Immunodeficiency Virus SIVmus/gsn/mon Infections in Wild Populations. <i>Journal of Virology</i> , 2017, 91, .	1.5	7
27	Rhabdo-immunodeficiency virus, a murine model of acute HIV-1 infection. <i>ELife</i> , 2019, 8, .	2.8	6