Fabian Schmidt

List of Publications by Year in descending order

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FARIAN SCHMIDT

#	Article	IF	CITATIONS
1	Analysis of memory B cells identifies conserved neutralizing epitopes on the N-terminal domain of variant SARS-Cov-2 spike proteins. Immunity, 2022, 55, 998-1012.e8.	14.3	86
2	Increased memory B cell potency and breadth after a SARS-CoV-2 mRNA boost. Nature, 2022, 607, 128-134.	27.8	197
3	Longitudinal variation in SARS-CoV-2 antibody levels and emergence of viral variants: a serological analysis. Lancet Microbe, The, 2022, 3, e493-e502.	7.3	22
4	Antibody evolution to SARS-CoV-2 after single-dose Ad26.COV2.S vaccine in humans. Journal of Experimental Medicine, 2022, 219, .	8.5	10
5	Evolution of antibody immunity to SARS-CoV-2. Nature, 2021, 591, 639-644.	27.8	1,355
6	mRNA vaccine-elicited antibodies to SARS-CoV-2 and circulating variants. Nature, 2021, 592, 616-622.	27.8	1,232
7	Naturally enhanced neutralizing breadth against SARS-CoV-2 one year after infection. Nature, 2021, 595, 426-431.	27.8	610
8	Nanobodies from camelid mice and llamas neutralize SARS-CoV-2 variants. Nature, 2021, 595, 278-282.	27.8	154
9	Mapping mutations to the SARS-CoV-2 RBD that escape binding by different classes of antibodies. Nature Communications, 2021, 12, 4196.	12.8	332
10	Affinity maturation of SARS-CoV-2 neutralizing antibodies confers potency, breadth, and resilience to viral escape mutations. Immunity, 2021, 54, 1853-1868.e7.	14.3	230
11	Broad cross-reactivity across sarbecoviruses exhibited by a subset of COVID-19 donor-derived neutralizing antibodies. Cell Reports, 2021, 36, 109760.	6.4	80
12	High genetic barrier to SARS-CoV-2 polyclonal neutralizing antibody escape. Nature, 2021, 600, 512-516.	27.8	174
13	Antibody potency, effector function, and combinations in protection and therapy for SARS-CoV-2 infection in vivo. Journal of Experimental Medicine, 2021, 218, .	8.5	283
14	Anti-SARS-CoV-2 receptor-binding domain antibody evolution after mRNA vaccination. Nature, 2021, 600, 517-522.	27.8	239
15	Replication and single-cycle delivery of SARS-CoV-2 replicons. Science, 2021, 374, 1099-1106.	12.6	49
16	Low-dose in vivo protection and neutralization across SARS-CoV-2 variants by monoclonal antibody combinations. Nature Immunology, 2021, 22, 1503-1514.	14.5	40
17	Highly synergistic combinations of nanobodies that target SARS-CoV-2 and are resistant to escape. ELife, 2021, 10, .	6.0	36
18	Convergent antibody responses to SARS-CoV-2 in convalescent individuals. Nature, 2020, 584, 437-442.	27.8	1,742

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19	Measuring SARS-CoV-2 neutralizing antibody activity using pseudotyped and chimeric viruses. Journal of Experimental Medicine, 2020, 217, .	8.5	503
20	Serological Assays Estimate Highly Variable SARS-CoV-2 Neutralizing Antibody Activity in Recovered COVID-19 Patients. Journal of Clinical Microbiology, 2020, 58, .	3.9	154
21	Structures of Human Antibodies Bound to SARS-CoV-2 Spike Reveal Common Epitopes and Recurrent Features of Antibodies. Cell, 2020, 182, 828-842.e16.	28.9	724
22	Escape from neutralizing antibodies by SARS-CoV-2 spike protein variants. ELife, 2020, 9, .	6.0	1,239
23	Rhabdo-immunodeficiency virus, a murine model of acute HIV-1 infection. ELife, 2019, 8, .	6.0	6
24	Phyloepidemiological Analysis Reveals that Viral Divergence Led to the Paucity of Simian Immunodeficiency Virus SIVmus/gsn/mon Infections in Wild Populations. Journal of Virology, 2017, 91, .	3.4	7
25	Simian Immunodeficiency Virus Infection of Chimpanzees (Pan troglodytes) Shares Features of Both Pathogenic and Non-pathogenic Lentiviral Infections. PLoS Pathogens, 2015, 11, e1005146.	4.7	20
26	Full-Length Genome Analyses of Two New Simian Immunodeficiency Virus (SIV) Strains from Mustached Monkeys (C. Cephus) in Gabon Illustrate a Complex Evolutionary History among the SIVmus/mon/gsn Lineage. Viruses, 2014, 6, 2880-2898.	3.3	11
27	Loss of memory CD4+ T-cells in semi-wild mandrills (Mandrillus sphinx) naturally infected with species-specific simian immunodeficiency virus SIVmnd-1. Journal of General Virology, 2014, 95, 201-212.	2.9	11