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List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2204893/publications.pdf

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29 papers	7,150 citations	304368 22 h-index	476904 29 g-index
52 all docs	52 docs citations	52 times ranked	11402 citing authors

#	Article	IF	Citations
1	Deep Mutational Scanning of SARS-CoV-2 Receptor Binding Domain Reveals Constraints on Folding and ACE2 Binding. Cell, 2020, 182, 1295-1310.e20.	13.5	1,726
2	Complete Mapping of Mutations to the SARS-CoV-2 Spike Receptor-Binding Domain that Escape Antibody Recognition. Cell Host and Microbe, 2021, 29, 44-57.e9.	5.1	937
3	Prospective mapping of viral mutations that escape antibodies used to treat COVID-19. Science, 2021, 371, 850-854.	6.0	700
4	Protocol and Reagents for Pseudotyping Lentiviral Particles with SARS-CoV-2 Spike Protein for Neutralization Assays. Viruses, 2020, 12, 513.	1.5	641
5	Neutralizing Antibodies Correlate with Protection from SARS-CoV-2 in Humans during a Fishery Vessel Outbreak with a High Attack Rate. Journal of Clinical Microbiology, 2020, 58, .	1.8	494
6	Complete map of SARS-CoV-2 RBD mutations that escape the monoclonal antibody LY-CoV555 and its cocktail with LY-CoV016. Cell Reports Medicine, 2021, 2, 100255.	3.3	402
7	SARS-CoV-2 RBD antibodies that maximize breadth and resistance to escape. Nature, 2021, 597, 97-102.	13.7	385
8	Genetic and structural basis for SARS-CoV-2 variant neutralization by a two-antibody cocktail. Nature Microbiology, 2021, 6, 1233-1244.	5.9	237
9	Dynamics of Neutralizing Antibody Titers in the Months After Severe Acute Respiratory Syndrome Coronavirus 2 Infection. Journal of Infectious Diseases, 2021, 223, 197-205.	1.9	216
10	Antibody Lineages with Vaccine-Induced Antigen-Binding Hotspots Develop Broad HIV Neutralization. Cell, 2019, 178, 567-584.e19.	13.5	106
11	Restriction of HIV-1 Escape by a Highly Broad and Potent Neutralizing Antibody. Cell, 2020, 180, 471-489.e22.	13.5	106
12	Mapping mutational effects along the evolutionary landscape of HIV envelope. ELife, 2018, 7, .	2.8	96
13	Experimental Estimation of the Effects of All Amino-Acid Mutations to HIVâ€™s Envelope Protein on Viral Replication in Cell Culture. PLoS Pathogens, 2016, 12, e1006114.	2.1	96
14	Comprehensive Mapping of HIV-1 Escape from a Broadly Neutralizing Antibody. Cell Host and Microbe, 2017, 21, 777-787.e4.	5.1	88
15	An Antigenic Atlas of HIV-1 Escape from Broadly Neutralizing Antibodies Distinguishes Functional and Structural Epitopes. Immunity, 2019, 50, 520-532.e3.	6.6	81
16	Cooperation between distinct viral variants promotes growth of H3N2 influenza in cell culture. ELife, 2016, 5, e13974.	2.8	73
17	Serological identification of SARS-CoV-2 infections among children visiting a hospital during the initial Seattle outbreak. Nature Communications, 2020, 11, 4378.	5.8	63
18	HIV-specific CD4-induced Antibodies Mediate Broad and Potent Antibody-dependent Cellular Cytotoxicity Activity and are Commonly Detected in Plasma from HIV-infected Humans. EBioMedicine, 2015, 2, 1464-1477.	2.7	60

#	Article	IF	Citations
19	Complete functional mapping of infection- and vaccine-elicited antibodies against the fusion peptide of HIV. PLoS Pathogens, 2018, 14, e1007159.	2.1	46
20	Bacterial vaginosis and adverse outcomes among full-term infants: a cohort study. BMC Pregnancy and Childbirth, 2016, 16, 278.	0.9	44
21	dms-view: Interactive visualization tool for deep mutational scanning data. Journal of Open Source Software, 2020, 5, 2353.	2.0	36
22	The Broad Neutralizing Antibody Responses after HIV-1 Superinfection Are Not Dominated by Antibodies Directed to Epitopes Common in Single Infection. PLoS Pathogens, 2015, 11, e1004973.	2.1	29
23	Prediction of VRC01 neutralization sensitivity by HIV-1 gp160 sequence features. PLoS Computational Biology, 2019, 15, e1006952.	1.5	25
24	Superinfection Drives HIV Neutralizing Antibody Responses from Several B Cell Lineages that Contribute to a Polyclonal Repertoire. Cell Reports, 2018, 23, 682-691.	2.9	20
25	Comprehensive Characterization of Humoral Correlates of Human Immunodeficiency Virus 1 Superinfection Acquisition in High-risk Kenyan Women. EBioMedicine, 2017, 18, 216-224.	2.7	15
26	High-resolution mapping of the neutralizing and binding specificities of polyclonal sera post-HIV Env trimer vaccination. ELife, 2021, 10, .	2.8	15
27	Massively Parallel Profiling of HIV-1 Resistance to the Fusion Inhibitor Enfuvirtide. Viruses, 2019, 11, 439.	1.5	14
28	Functional development of a V3/glycan-specific broadly neutralizing antibody isolated from a case of HIV superinfection. ELife, 2021, 10, .	2.8	6
29	Identification of HIV-1 Envelope Mutations that Enhance Entry Using Macaque CD4 and CCR5. Viruses, 2020, 12, 241.	1.5	3