

Kizzmekia S Corbett

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

20,305
citations

147801

31
h-index

361022

35
g-index

56
all docs

56
docs citations

56
times ranked

28941
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryo-EM structure of the 2019-nCoV spike in the prefusion conformation. <i>Science</i> , 2020, 367, 1260-1263.	12.6	7,517
2	An mRNA Vaccine against SARS-CoV-2 – Preliminary Report. <i>New England Journal of Medicine</i> , 2020, 383, 1920-1931.	27.0	2,719
3	Safety and Immunogenicity of SARS-CoV-2 mRNA-1273 Vaccine in Older Adults. <i>New England Journal of Medicine</i> , 2020, 383, 2427-2438.	27.0	1,242
4	SARS-CoV-2 mRNA vaccine design enabled by prototype pathogen preparedness. <i>Nature</i> , 2020, 586, 567-571.	27.8	1,153
5	Immunogenicity and structures of a rationally designed prefusion MERS-CoV spike antigen. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E7348-E7357.	7.1	944
6	Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates. <i>New England Journal of Medicine</i> , 2020, 383, 1544-1555.	27.0	936
7	Pre-fusion structure of a human coronavirus spike protein. <i>Nature</i> , 2016, 531, 118-121.	27.8	623
8	Structural Basis for Potent Neutralization of Betacoronaviruses by Single-Domain Camelid Antibodies. <i>Cell</i> , 2020, 181, 1004-1015.e15.	28.9	506
9	Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants. <i>Science</i> , 2021, 373, 1372-1377.	12.6	459
10	Serum Neutralizing Activity Elicited by mRNA-1273 Vaccine. <i>New England Journal of Medicine</i> , 2021, 384, 1468-1470.	27.0	417
11	Stabilized coronavirus spikes are resistant to conformational changes induced by receptor recognition or proteolysis. <i>Scientific Reports</i> , 2018, 8, 15701.	3.3	408
12	The neutralizing antibody, LY-CoV555, protects against SARS-CoV-2 infection in nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	347
13	LY-CoV1404 (bebtelovimab) potently neutralizes SARS-CoV-2 variants. <i>Cell Reports</i> , 2022, 39, 110812.	6.4	287
14	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. <i>Science</i> , 2021, 373, eabj0299.	12.6	244
15	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits similar B cell expansion, neutralizing responses, and protection from Omicron. <i>Cell</i> , 2022, 185, 1556-1571.e18.	28.9	179
16	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. <i>Science</i> , 2021, 373, .	12.6	174
17	Importance of Neutralizing Monoclonal Antibodies Targeting Multiple Antigenic Sites on the Middle East Respiratory Syndrome Coronavirus Spike Glycoprotein To Avoid Neutralization Escape. <i>Journal of Virology</i> , 2018, 92, .	3.4	155
18	Serologic Cross-Reactivity of SARS-CoV-2 with Endemic and Seasonal Betacoronaviruses. <i>Journal of Clinical Immunology</i> , 2021, 41, 906-913.	3.8	133

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19	A platform incorporating trimeric antigens into self-assembling nanoparticles reveals SARS-CoV-2-spike nanoparticles to elicit substantially higher neutralizing responses than spike alone. <i>Scientific Reports</i> , 2020, 10, 18149.	3.3	90
20	Design of Nanoparticulate Group 2 Influenza Virus Hemagglutinin Stem Antigens That Activate Unmutated Ancestor B Cell Receptors of Broadly Neutralizing Antibody Lineages. <i>MBio</i> , 2019, 10, .	4.1	88
21	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccine-boosted nonhuman primates. <i>Science</i> , 2021, 374, 1343-1353.	12.6	83
22	Stabilized coronavirus spike stem elicits a broadly protective antibody. <i>Cell Reports</i> , 2021, 37, 109929.	6.4	64
23	Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in rhesus macaques coincides with anamnestic antibody response in the lung. <i>Cell</i> , 2022, 185, 113-130.e15.	28.9	64
24	Variant SARS-CoV-2 mRNA vaccines confer broad neutralization as primary or booster series in mice. <i>Vaccine</i> , 2021, 39, 7394-7400.	3.8	63
25	Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes. <i>Cell Reports</i> , 2020, 33, 108322.	6.4	59
26	COVID-19 vaccine mRNA-1273 elicits a protective immune profile in mice that is not associated with vaccine-enhanced disease upon SARS-CoV-2 challenge. <i>Immunity</i> , 2021, 54, 1869-1882.e6.	14.3	59
27	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. <i>Nature Immunology</i> , 2021, 22, 1306-1315.	14.5	57
28	Protective antibodies elicited by SARS-CoV-2 spike protein vaccination are boosted in the lung after challenge in nonhuman primates. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	56
29	Glycan repositioning of influenza hemagglutinin stem facilitates the elicitation of protective cross-group antibody responses. <i>Nature Communications</i> , 2020, 11, 791.	12.8	36
30	SARS-CoV-2 vaccines elicit durable immune responses in infant rhesus macaques. <i>Science Immunology</i> , 2021, 6, .	11.9	34
31	Prototype pathogen approach for pandemic preparedness: world on fire. <i>Journal of Clinical Investigation</i> , 2020, 130, 3348-3349.	8.2	33
32	Newcastle Disease Virus-Like Particles Displaying Prefusion-Stabilized SARS-CoV-2 Spikes Elicit Potent Neutralizing Responses. <i>Vaccines</i> , 2021, 9, 73.	4.4	24
33	Vaccine-elicited murine antibody WS6 neutralizes diverse beta-coronaviruses by recognizing a helical stem supersite of vulnerability. <i>Structure</i> , 2022, 30, 1233-1244.e7.	3.3	13
34	Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes. <i>SSRN Electronic Journal</i> , 2020, , 3639618.	0.4	3
35	Career advice from my father: "Go where you are loved". <i>Molecular Biology of the Cell</i> , 2021, 32, ae3.	2.1	0