

Kizzmekia S Corbett

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54
papers

12,535
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56
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17,277
ext. citations

25.2
avg, IF

7.11
L-index

#	Paper	IF	Citations
54	Cryo-EM structure of the 2019-nCoV spike in the prefusion conformation. <i>Science</i> , 2020 , 367, 1260-1263	33.3	5176
53	An mRNA Vaccine against SARS-CoV-2 - Preliminary Report. <i>New England Journal of Medicine</i> , 2020 , 383, 1920-1931	59.2	1704
52	Safety and Immunogenicity of SARS-CoV-2 mRNA-1273 Vaccine in Older Adults. <i>New England Journal of Medicine</i> , 2020 , 383, 2427-2438	59.2	737
51	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	11.5	615
50	Evaluation of the mRNA-1273 Vaccine against SARS-CoV-2 in Nonhuman Primates. <i>New England Journal of Medicine</i> , 2020 , 383, 1544-1555	59.2	612
49	SARS-CoV-2 mRNA vaccine design enabled by prototype pathogen preparedness. <i>Nature</i> , 2020 , 586, 567-571	50.4	594
48	Pre-fusion structure of a human coronavirus spike protein. <i>Nature</i> , 2016 , 531, 118-21	50.4	474
47	Structural Basis for Potent Neutralization of Betacoronaviruses by Single-Domain Camelid Antibodies. <i>Cell</i> , 2020 , 181, 1004-1015.e15	56.2	319
46	Serum Neutralizing Activity Elicited by mRNA-1273 Vaccine. <i>New England Journal of Medicine</i> , 2021 , 384, 1468-1470	59.2	284
45	Stabilized coronavirus spikes are resistant to conformational changes induced by receptor recognition or proteolysis. <i>Scientific Reports</i> , 2018 , 8, 15701	4.9	259
44	mRNA-1273 vaccine induces neutralizing antibodies against spike mutants from global SARS-CoV-2 variants 2021 ,		219
43	The neutralizing antibody, LY-CoV555, protects against SARS-CoV-2 infection in nonhuman primates. <i>Science Translational Medicine</i> , 2021 , 13,	17.5	169
42	Durability of mRNA-1273 vaccine-induced antibodies against SARS-CoV-2 variants. <i>Science</i> , 2021 , 373, 1372-1377	33.3	150
41	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,	6.6	119
40	Immune correlates of protection by mRNA-1273 vaccine against SARS-CoV-2 in nonhuman primates. <i>Science</i> , 2021 , 373, eabj0299	33.3	86
39	Ultrapotent antibodies against diverse and highly transmissible SARS-CoV-2 variants. <i>Science</i> , 2021 , 373,	33.3	80
38	Serologic Cross-Reactivity of SARS-CoV-2 with Endemic and Seasonal Betacoronaviruses. <i>Journal of Clinical Immunology</i> , 2021 , 41, 906-913	5.7	68

37	LY-CoV555, a rapidly isolated potent neutralizing antibody, provides protection in a non-human primate model of SARS-CoV-2 infection 2020 ,		64
36	SARS-CoV-2 mRNA Vaccine Development Enabled by Prototype Pathogen Preparedness 2020 ,		62
35	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,	7.8	50
34	Serologic cross-reactivity of SARS-CoV-2 with endemic and seasonal Betacoronaviruses 2020 ,		43
33	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	4.9	41
32	Validation of a SARS-CoV-2 spike protein ELISA for use in contact investigations and serosurveillance 2020 ,		39
31	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	10.6	35
30	Variant SARS-CoV-2 mRNA vaccines confer broad neutralization as primary or booster series in mice 2021 ,		34
29	Protection against SARS-CoV-2 Beta variant in mRNA-1273 vaccine-boosted nonhuman primates. <i>Science</i> , 2021 , 374, 1343-1353	33.3	32
28	mRNA-1273 protects against SARS-CoV-2 beta infection in nonhuman primates. <i>Nature Immunology</i> , 2021 , 22, 1306-1315	19.1	32
27	LY-CoV1404 potently neutralizes SARS-CoV-2 variants 2021 ,		31
26	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> , 2021 ,	56.2	24
25	Immune Correlates of Protection by mRNA-1273 Immunization against SARS-CoV-2 Infection in Nonhuman Primates 2021 ,		24
24	Variant SARS-CoV-2 mRNA vaccines confer broad neutralization as primary or booster series in mice. <i>Vaccine</i> , 2021 ,	4.1	23
23	LY-CoV1404 (bebtelovimab) potently neutralizes SARS-CoV-2 variants.. <i>Cell Reports</i> , 2022 , 39, 110812	10.6	23
22	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits similar B cell expansion, neutralizing responses, and protection from Omicron.. <i>Cell</i> , 2022 ,	56.2	22
21	Glycan repositioning of influenza hemagglutinin stem facilitates the elicitation of protective cross-group antibody responses. <i>Nature Communications</i> , 2020 , 11, 791	17.4	21
20	Durability of mRNA-1273-induced antibodies against SARS-CoV-2 variants 2021 ,		21

19	Stabilized coronavirus spike stem elicits a broadly protective antibody. <i>Cell Reports</i> , 2021 , 37, 109929	10.6	18
18	Prototype pathogen approach for pandemic preparedness: world on fire. <i>Journal of Clinical Investigation</i> , 2020 , 130, 3348-3349	15.9	17
17	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,	17.5	17
16	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	32.3	16
15	Vaccination with SARS-CoV-2 Spike Protein and AS03 Adjuvant Induces Rapid Anamnestic Antibodies in the Lung and Protects Against Virus Challenge in Nonhuman Primates 2021 ,		13
14	Newcastle Disease Virus-Like Particles Displaying Prefusion-Stabilized SARS-CoV-2 Spikes Elicit Potent Neutralizing Responses. <i>Vaccines</i> , 2021 , 9,	5.3	13
13	Antibodies with potent and broad neutralizing activity against antigenically diverse and highly transmissible SARS-CoV-2 variants 2021 ,		13
12	mRNA-1273 or mRNA-Omicron boost in vaccinated macaques elicits comparable B cell expansion, neutralizing antibodies and protection against Omicron		12
11	SARS-CoV-2 vaccines elicit durable immune responses in infant rhesus macaques. <i>Science Immunology</i> , 2021 , 6,	28	12
10	Structural Basis for Potent Neutralization of Betacoronaviruses by Single-domain Camelid Antibodies		10
9	Protection against SARS-CoV-2 Beta Variant in mRNA-1273 Boosted Nonhuman Primates 2021 ,		8
8	Protection from SARS-CoV-2 Delta one year after mRNA-1273 vaccination in nonhuman primates is coincident with an anamnestic antibody response in the lower airway 2021 ,		4
7	Structure-Based Design with Tag-Based Purification and In-Process Biotinylation Enable Streamlined Development of SARS-CoV-2 Spike Molecular Probes 2020 ,		4
6	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		3
5	A Platform Incorporating Trimeric Antigens into Self-Assembling Nanoparticles Reveals SARS-CoV-2-Spike Nanoparticles to Elicit Substantially Higher Neutralizing Responses than Spike Alone 2020 ,		2
4	Evaluation of mRNA-1273 against SARS-CoV-2 B.1.351 Infection in Nonhuman Primates 2021 ,		2
3	Vaccine-elicited murine antibody WS6 neutralizes diverse beta-coronaviruses by recognizing a helical stem supersite of vulnerability. 2022 ,		1
2	SARS-CoV-2 Vaccines Elicit Durable Immune Responses in Infant Rhesus Macaques 2021 ,		1

- 1 Career advice from my father: "Go where you are loved". *Molecular Biology of the Cell*, **2021**, 32, ae3 3.5