Laura M Walker

List of Publications by Year
in descending order

21 papers	2,524 citations	471509 17 h-index	713466 21 g-index
28 all docs	28 docs citations	28 times ranked	5076 citing authors

#	Article	IF	Citations
1	Broad neutralization of SARS-related viruses by human monoclonal antibodies. Science, 2020, 369, 731-736.	12.6	534
2	Broad and potent activity against SARS-like viruses by an engineered human monoclonal antibody. Science, 2021, 371, 823-829.	12.6	285
3	Passive immunotherapy of viral infections: 'super-antibodies' enter the fray. Nature Reviews Immunology, 2018, 18, 297-308.	22.7	220
4	Isolation of potent neutralizing antibodies from a survivor of the 2014 Ebola virus outbreak. Science, 2016, 351, 1078-1083.	12.6	194
5	Rapid profiling of RSV antibody repertoires from the memory B cells of naturally infected adult donors. Science Immunology, 2016, 1, .	11.9	180
6	Prolonged evolution of the human B cell response to SARS-CoV-2 infection. Science Immunology, 2021, 6, .	11.9	153
7	Antibodies from a Human Survivor Define Sites of Vulnerability for Broad Protection against Ebolaviruses. Cell, 2017, 169, 878-890.e15.	28.9	145
8	Infants Infected with Respiratory Syncytial Virus Generate Potent Neutralizing Antibodies that Lack Somatic Hypermutation. Immunity, 2018, 48, 339-349.e5.	14.3	126
9	Zika virus activates de novo and cross-reactive memory B cell responses in dengue-experienced donors. Science Immunology, 2017, 2, .	11.9	98
10	Development of a Human Antibody Cocktail that Deploys Multiple Functions to Confer Pan-Ebolavirus Protection. Cell Host and Microbe, 2019, 25, 39-48.e5.	11.0	83
11	Recall of preexisting cross-reactive B cell memory after Omicron BA.1 breakthrough infection. Science Immunology, 2022, 7, eabq3511.	11.9	82
12	Longitudinal dynamics of the human B cell response to the yellow fever 17D vaccine. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6675-6685.	7.1	80
13	Affinity Maturation Enhances Antibody Specificity but Compromises Conformational Stability. Cell Reports, 2019, 28, 3300-3308.e4.	6.4	65
14	Broad antiâ€“SARS-CoV-2 antibody immunity induced by heterologous ChAdOx1/mRNA-1273 vaccination. Science, 2022, 375, 1041-1047.	12.6	59
15	Protective neutralizing antibodies from human survivors of Crimean-Congo hemorrhagic fever. Cell, 2021, 184, 3486-3501.e21.	28.9	39
16	A Combination of Receptor-Binding Domain and N-Terminal Domain Neutralizing Antibodies Limits the Generation of SARS-CoV-2 Spike Neutralization-Escape Mutants. MBio, 2021, 12, e0247321.	4.1	35
17	A broad and potent neutralization epitope in SARS-related coronaviruses. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	34
18	Human antibody recognizing a quaternary epitope in the Puumala virus glycoprotein provides broad protection against orthohantaviruses. Science Translational Medicine, 2022, 14, eabl5399.	12.4	16

#	Article	IF	Citations
19	Structural basis of synergistic neutralization of Crimean-Congo hemorrhagic fever virus by human antibodies. Science, 2022, 375, 104-109.	12.6	15
20	Structural Basis of Zika Virus Specific Neutralization in Subsequent Flavivirus Infections. Viruses, 2020, 12, 1346.	3.3	7
21	Structural basis of synergistic neutralization of Crimean-Congo hemorrhagic fever virus by human antibodies. Science, 2021, , eabl6502.	12.6	2