

# Allison J Greaney

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1054044/publications.pdf>

Version: 2024-02-01

25  
papers

7,531  
citations

361388  
20  
h-index

580810  
25  
g-index

46  
all docs

46  
docs citations

46  
times ranked

9772  
citing authors

#	ARTICLE	IF	CITATIONS
1	ACE2 binding is an ancestral and evolvable trait of sarbecoviruses. <i>Nature</i> , 2022, 603, 913-918.	27.8	109
2	A SARS-CoV-2 variant elicits an antibody response with a shifted immunodominance hierarchy. <i>PLoS Pathogens</i> , 2022, 18, e1010248.	4.7	48
3	An antibody-escape estimator for mutations to the SARS-CoV-2 receptor-binding domain. <i>Virus Evolution</i> , 2022, 8, veac021.	4.9	93
4	Selection Analysis Identifies Clusters of Unusual Mutational Changes in Omicron Lineage BA.1 That Likely Impact Spike Function. <i>Molecular Biology and Evolution</i> , 2022, 39, .	8.9	84
5	The SARS-CoV-2 Delta variant induces an antibody response largely focused on class 1 and 2 antibody epitopes. <i>PLoS Pathogens</i> , 2022, 18, e1010592.	4.7	13
6	Shifting mutational constraints in the SARS-CoV-2 receptor-binding domain during viral evolution. <i>Science</i> , 2022, 377, 420-424.	12.6	140
7	Mosaic RBD nanoparticles protect against challenge by diverse sarbecoviruses in animal models. <i>Science</i> , 2022, 377, .	12.6	120
8	Complete Mapping of Mutations to the SARS-CoV-2 Spike Receptor-Binding Domain that Escape Antibody Recognition. <i>Cell Host and Microbe</i> , 2021, 29, 44-57.e9.	11.0	937
9	Prospective mapping of viral mutations that escape antibodies used to treat COVID-19. <i>Science</i> , 2021, 371, 850-854.	12.6	700
10	Comprehensive mapping of mutations in the SARS-CoV-2 receptor-binding domain that affect recognition by polyclonal human plasma antibodies. <i>Cell Host and Microbe</i> , 2021, 29, 463-476.e6.	11.0	1,054
11	Co-dominant neutralizing epitopes make anti-measles immunity resistant to viral evolution. <i>Cell Reports Medicine</i> , 2021, 2, 100257.	6.5	8
12	Complete map of SARS-CoV-2 RBD mutations that escape the monoclonal antibody LY-CoV555 and its cocktail with LY-CoV016. <i>Cell Reports Medicine</i> , 2021, 2, 100255.	6.5	402
13	Antibodies elicited by mRNA-1273 vaccination bind more broadly to the receptor binding domain than do those from SARS-CoV-2 infection. <i>Science Translational Medicine</i> , 2021, 13, .	12.4	198
14	Stabilization of the SARS-CoV-2 Spike Receptor-Binding Domain Using Deep Mutational Scanning and Structure-Based Design. <i>Frontiers in Immunology</i> , 2021, 12, 710263.	4.8	32
15	Mapping mutations to the SARS-CoV-2 RBD that escape binding by different classes of antibodies. <i>Nature Communications</i> , 2021, 12, 4196.	12.8	332
16	SARS-CoV-2 RBD antibodies that maximize breadth and resistance to escape. <i>Nature</i> , 2021, 597, 97-102.	27.8	385
17	Genetic and structural basis for SARS-CoV-2 variant neutralization by a two-antibody cocktail. <i>Nature Microbiology</i> , 2021, 6, 1233-1244.	13.3	237
18	Neutralizing Monoclonal Antibodies That Target the Spike Receptor Binding Domain Confer Fc Receptor-Independent Protection against SARS-CoV-2 Infection in Syrian Hamsters. <i>MBio</i> , 2021, 12, e0239521.	4.1	13

#	ARTICLE	IF	CITATIONS
19	Deep Mutational Scanning of SARS-CoV-2 Receptor Binding Domain Reveals Constraints on Folding and ACE2 Binding. Cell, 2020, 182, 1295-1310.e20.	28.9	1,726
20	Attenuated Influenza Virions Expressing the SARS-CoV-2 Receptor-Binding Domain Induce Neutralizing Antibodies in Mice. Viruses, 2020, 12, 987.	3.3	20
21	Frontline Science: Anthrax lethal toxin-induced, NLRP1-mediated IL-1 $\beta$ release is a neutrophil and PAD4-dependent event. Journal of Leukocyte Biology, 2020, 108, 773-786.	3.3	15
22	A Diverse Set of Single-domain Antibodies (VHHs) against the Anthrax Toxin Lethal and Edema Factors Provides a Basis for Construction of a Bispecific Agent That Protects against Anthrax Infection. Journal of Biological Chemistry, 2016, 291, 21596-21606.	3.4	28
23	Sulforaphane inhibits multiple inflammasomes through an Nrf2-independent mechanism. Journal of Leukocyte Biology, 2016, 99, 189-199.	3.3	118
24	Bacterial Exotoxins and the Inflammasome. Frontiers in Immunology, 2015, 6, 570.	4.8	87
25	The rosetteless gene controls development in the choanoflagellate S. rosetta. ELife, 2014, 3, .	6.0	83