

Rory Henderson

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4455296/publications.pdf>

Version: 2024-02-01

18
papers

1,824
citations

623574

14
h-index

887953

17
g-index

28
all docs

28
docs citations

28
times ranked

2953
citing authors

#	ARTICLE	IF	CITATIONS
1	Structural diversity of the SARS-CoV-2 Omicron spike. <i>Molecular Cell</i> , 2022, 82, 2050-2068.e6.	4.5	125
2	mRNA-encoded HIV-1 Env trimer ferritin nanoparticles induce monoclonal antibodies that neutralize heterologous HIV-1 isolates in mice. <i>Cell Reports</i> , 2022, 38, 110514.	2.9	23
3	Cryo-EM structures of SARS-CoV-2 Omicron BA.2 spike. <i>Cell Reports</i> , 2022, 39, 111009.	2.9	74
4	D614G Mutation Alters SARS-CoV-2 Spike Conformation and Enhances Protease Cleavage at the S1/S2 Junction. <i>Cell Reports</i> , 2021, 34, 108630.	2.9	263
5	Fab-dimerized glycan-reactive antibodies are a structural category of natural antibodies. <i>Cell</i> , 2021, 184, 2955-2972.e25.	13.5	57
6	HIV-1 Envelope Conformation, Allosteric, and Dynamics. <i>Viruses</i> , 2021, 13, 852.	1.5	6
7	Effect of natural mutations of SARS-CoV-2 on spike structure, conformation, and antigenicity. <i>Science</i> , 2021, 373, .	6.0	318
8	Cold sensitivity of the SARS-CoV-2 spike ectodomain. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 128-131.	3.6	65
9	Structural basis of glycan276-dependent recognition by HIV-1 broadly neutralizing antibodies. <i>Cell Reports</i> , 2021, 37, 109922.	2.9	5
10	Controlling the SARS-CoV-2 spike glycoprotein conformation. <i>Nature Structural and Molecular Biology</i> , 2020, 27, 925-933.	3.6	376
11	How Does HIV Env Structure Informs Vaccine Design?. <i>Microscopy and Microanalysis</i> , 2020, 26, 574-575.	0.2	0
12	Disruption of the HIV-1 Envelope allosteric network blocks CD4-induced rearrangements. <i>Nature Communications</i> , 2020, 11, 520.	5.8	42
13	Neutralization-guided design of HIV-1 envelope trimers with high affinity for the unmutated common ancestor of CH235 lineage CD4bs broadly neutralizing antibodies. <i>PLoS Pathogens</i> , 2019, 15, e1008026.	2.1	56
14	Selection of immunoglobulin elbow region mutations impacts interdomain conformational flexibility in HIV-1 broadly neutralizing antibodies. <i>Nature Communications</i> , 2019, 10, 654.	5.8	34
15	Targeted selection of HIV-specific antibody mutations by engineering B cell maturation. <i>Science</i> , 2019, 366, .	6.0	118
16	Inference of the HIV-1 VRC01 Antibody Lineage Unmutated Common Ancestor Reveals Alternative Pathways to Overcome a Key Glycan Barrier. <i>Immunity</i> , 2018, 49, 1162-1174.e8.	6.6	61
17	Intrinsic GTP hydrolysis is observed for a switch 1 variant of Cdc42 in the presence of a specific GTPase inhibitor. <i>Small GTPases</i> , 2016, 7, 1-11.	0.7	7
18	Regulation of Structural Dynamics within a Signal Recognition Particle Promotes Binding of Protein Targeting Substrates. <i>Journal of Biological Chemistry</i> , 2015, 290, 15462-15474.	1.6	19