

Nathan I Nicely

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,534
citations

623734

14
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

2333
citing authors

#	ARTICLE	IF	CITATIONS
1	Vaccine Induction of Antibodies against a Structurally Heterogeneous Site of Immune Pressure within HIV-1 Envelope Protein Variable Regions 1 and 2. <i>Immunity</i> , 2013, 38, 176-186.	14.3	374
2	Identification of autoantigens recognized by the 2F5 and 4E10 broadly neutralizing HIV-1 antibodies. <i>Journal of Experimental Medicine</i> , 2013, 210, 241-256.	8.5	171
3	Polyreactivity and Autoreactivity among HIV-1 Antibodies. <i>Journal of Virology</i> , 2015, 89, 784-798.	3.4	154
4	Human Non-neutralizing HIV-1 Envelope Monoclonal Antibodies Limit the Number of Founder Viruses during SHIV Mucosal Infection in Rhesus Macaques. <i>PLoS Pathogens</i> , 2015, 11, e1005042.	4.7	145
5	Potent and broad HIV-neutralizing antibodies in memory B cells and plasma. <i>Science Immunology</i> , 2017, 2, .	11.9	119
6	Initiation of immune tolerance-controlled HIV gp41 neutralizing B cell lineages. <i>Science Translational Medicine</i> , 2016, 8, 336ra62.	12.4	86
7	Initiation of HIV neutralizing B cell lineages with sequential envelope immunizations. <i>Nature Communications</i> , 2017, 8, 1732.	12.8	76
8	Glycosylation Benchmark Profile for HIV-1 Envelope Glycoprotein Production Based on Eleven Env Trimers. <i>Journal of Virology</i> , 2017, 91, .	3.4	73
9	Vaccine Elicitation of High Mannose-Dependent Neutralizing Antibodies against the V3-Glycan Broadly Neutralizing Epitope in Nonhuman Primates. <i>Cell Reports</i> , 2017, 18, 2175-2188.	6.4	69
10	Antibody Light-Chain-Restricted Recognition of the Site of Immune Pressure in the RV144 HIV-1 Vaccine Trial Is Phylogenetically Conserved. <i>Immunity</i> , 2014, 41, 909-918.	14.3	65
11	Fab-dimerized glycan-reactive antibodies are a structural category of natural antibodies. <i>Cell</i> , 2021, 184, 2955-2972.e25.	28.9	57
12	Crystal structure of a non-neutralizing antibody to the HIV-1 gp41 membrane-proximal external region. <i>Nature Structural and Molecular Biology</i> , 2010, 17, 1492-1494.	8.2	43
13	Difficult-to-neutralize global HIV-1 isolates are neutralized by antibodies targeting open envelope conformations. <i>Nature Communications</i> , 2019, 10, 2898.	12.8	35
14	Designed, highly expressing, thermostable dengue virus 2 envelope protein dimers elicit quaternary epitope antibodies. <i>Science Advances</i> , 2021, 7, eabg4084.	10.3	22
15	Structural analysis of the unmutated ancestor of the HIV-1 envelope V2 region antibody CH58 isolated from an RV144 vaccine efficacy trial vaccinee. <i>EBioMedicine</i> , 2015, 2, 713-722.	6.1	13
16	A Novel Phosphoregulatory Switch Controls the Activity and Function of the Major Catalytic Subunit of Protein Kinase A in <i>Aspergillus fumigatus</i> . <i>MBio</i> , 2017, 8, .	4.1	9
17	Immunodominance of Antibody Recognition of the HIV Envelope V2 Region in Ig-Humanized Mice. <i>Journal of Immunology</i> , 2017, 198, 1047-1055.	0.8	7
18	Phosphorylation of <i>Aspergillus fumigatus</i> PkaR impacts growth and cell wall integrity through novel mechanisms. <i>FEBS Letters</i> , 2017, 591, 3730-3744.	2.8	5

#	ARTICLE	IF	CITATIONS
19	Cooperation between somatic mutation and germline-encoded residues enables antibody recognition of HIV-1 envelope glycans. <i>PLoS Pathogens</i> , 2019, 15, e1008165.	4.7	5
20	A conserved set of mutations for stabilizing soluble envelope protein dimers from dengue and Zika viruses to advance the development of subunit vaccines. <i>Journal of Biological Chemistry</i> , 2022, 298, 102079.	3.4	2
21	Predominant envelope variable loop 2-specific and gp120-specific antibody-dependent cellular cytotoxicity antibody responses in acutely SIV-infected African green monkeys. <i>Retrovirology</i> , 2018, 15, 24.	2.0	0