

Christopher A Nelson

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,601
citations

304368

22
h-index

454577

30
g-index

32
all docs

32
docs citations

32
times ranked

4864
citing authors

#	ARTICLE	IF	CITATIONS
1	Positive and negative selection of an antigen receptor on T cells in transgenic mice. <i>Nature</i> , 1988, 336, 73-76.	13.7	694
2	Selective expression of an antigen receptor on CD8-bearing T lymphocytes in transgenic mice. <i>Nature</i> , 1988, 335, 271-274.	13.7	476
3	Neutralizing human antibodies prevent Zika virus replication and fetal disease in mice. <i>Nature</i> , 2016, 540, 443-447.	13.7	349
4	Structural Basis of Zika Virus-Specific Antibody Protection. <i>Cell</i> , 2016, 166, 1016-1027.	13.5	325
5	Discovery of a proteinaceous cellular receptor for a norovirus. <i>Science</i> , 2016, 353, 933-936.	6.0	241
6	The Development of Therapeutic Antibodies That Neutralize Homologous and Heterologous Genotypes of Dengue Virus Type 1. <i>PLoS Pathogens</i> , 2010, 6, e1000823.	2.1	192
7	Peptides determine the lifespan of MHC class II molecules in the antigen-presenting cell. <i>Nature</i> , 1994, 371, 250-252.	13.7	163
8	Structure and Intracellular Targeting of the SARS-Coronavirus Orf7a Accessory Protein. <i>Structure</i> , 2005, 13, 75-85.	1.6	157
9	Cryo-EM Structure of Chikungunya Virus in Complex with the Mxra8 Receptor. <i>Cell</i> , 2019, 177, 1725-1737.e16.	13.5	104
10	Structural Basis of Differential Neutralization of DENV-1 Genotypes by an Antibody that Recognizes a Cryptic Epitope. <i>PLoS Pathogens</i> , 2012, 8, e1002930.	2.1	103
11	Profiling B cell immunodominance after SARS-CoV-2 infection reveals antibody evolution to non-neutralizing viral targets. <i>Immunity</i> , 2021, 54, 1290-1303.e7.	6.6	101
12	RANKL Employs Distinct Binding Modes to Engage RANK and the Osteoprotegerin Decoy Receptor. <i>Structure</i> , 2012, 20, 1971-1982.	1.6	100
13	Structural basis for murine norovirus engagement of bile acids and the CD300lf receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E9201-E9210.	3.3	82
14	SARS-CoV-2 Infection Severity Is Linked to Superior Humoral Immunity against the Spike. <i>MBio</i> , 2021, 12, .	1.8	81
15	LDLRAD3 is a receptor for Venezuelan equine encephalitis virus. <i>Nature</i> , 2020, 588, 308-314.	13.7	78
16	Potent Dengue Virus Neutralization by a Therapeutic Antibody with Low Monovalent Affinity Requires Bivalent Engagement. <i>PLoS Pathogens</i> , 2014, 10, e1004072.	2.1	51
17	Structural Determinants of Herpesvirus Entry Mediator Recognition by Murine B and T Lymphocyte Attenuator. <i>Journal of Immunology</i> , 2008, 180, 940-947.	0.4	33
18	Mouse and Human Monoclonal Antibodies Protect against Infection by Multiple Genotypes of Japanese Encephalitis Virus. <i>MBio</i> , 2018, 9, .	1.8	32

#	ARTICLE	IF	CITATIONS
19	Antibodies targeting epitopes on the cell-surface form of NS1 protect against Zika virus infection during pregnancy. <i>Nature Communications</i> , 2020, 11, 5278.	5.8	30
20	Structure of Venezuelan equine encephalitis virus in complex with the LDLRAD3 receptor. <i>Nature</i> , 2021, 598, 672-676.	13.7	27
21	Mechanism of differential Zika and dengue virus neutralization by a public antibody lineage targeting the DIII lateral ridge. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	26
22	An Evolutionary Insertion in the Mxra8 Receptor-Binding Site Confers Resistance to Alphavirus Infection and Pathogenesis. <i>Cell Host and Microbe</i> , 2020, 27, 428-440.e9.	5.1	26
23	Broadly neutralizing monoclonal antibodies protect against multiple tick-borne flaviviruses. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	22
24	Dengue and Zika Virus Cross-Reactive Human Monoclonal Antibodies Protect against Spondweni Virus Infection and Pathogenesis in Mice. <i>Cell Reports</i> , 2019, 26, 1585-1597.e4.	2.9	18
25	Oxidative Refolding from Inclusion Bodies. <i>Methods in Molecular Biology</i> , 2014, 1140, 145-157.	0.4	18
26	Levels of Circulating NS1 Impact West Nile Virus Spread to the Brain. <i>Journal of Virology</i> , 2021, 95, e0084421.	1.5	13
27	Manipulation of receptor oligomerization as a strategy to inhibit signaling by TNF superfamily members. <i>Science Signaling</i> , 2014, 7, ra80.	1.6	11
28	Improved integration of single-cell transcriptome and surface protein expression by LinQ-View. <i>Cell Reports Methods</i> , 2021, 1, 100056.	1.4	10
29	A herpesvirus encoded Qa-1 mimic inhibits natural killer cell cytotoxicity through CD94/NKG2A receptor engagement. <i>ELife</i> , 2018, 7, .	2.8	7
30	Isolation of a Potently Neutralizing and Protective Human Monoclonal Antibody Targeting Yellow Fever Virus. <i>MBio</i> , 2022, 13, e0051222.	1.8	7