

Ursula Neu

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

1,541
citations

430874

18
h-index

677142

22
g-index

23
all docs

23
docs citations

23
times ranked

2472
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and Function Analysis of an Antibody Recognizing All Influenza A Subtypes. <i>Cell</i> , 2016, 166, 596-608.	28.9	320
2	Structural basis of GM1 ganglioside recognition by simian virus 40. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 5219-5224.	7.1	168
3	Structure-Function Analysis of the Human JC Polyomavirus Establishes the LSTc Pentasaccharide as a Functional Receptor Motif. <i>Cell Host and Microbe</i> , 2010, 8, 309-319.	11.0	167
4	Viruses and sialic acids: rules of engagement. <i>Current Opinion in Structural Biology</i> , 2011, 21, 610-618.	5.7	122
5	Influenza hemagglutinin membrane anchor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10112-10117.	7.1	115
6	The Polyomaviridae: Contributions of virus structure to our understanding of virus receptors and infectious entry. <i>Virology</i> , 2009, 384, 389-399.	2.4	99
7	Structures of Merkel Cell Polyomavirus VP1 Complexes Define a Sialic Acid Binding Site Required for Infection. <i>PLoS Pathogens</i> , 2012, 8, e1002738.	4.7	79
8	Virus interactions with bacteria: Partners in the infectious dance. <i>PLoS Pathogens</i> , 2020, 16, e1008234.	4.7	74
9	A Structure-Guided Mutation in the Major Capsid Protein Retargets BK Polyomavirus. <i>PLoS Pathogens</i> , 2013, 9, e1003688.	4.7	70
10	Structure, Biosynthesis, and Biological Activity of the Cyclic Lipopeptide Anikasin. <i>ACS Chemical Biology</i> , 2017, 12, 2498-2502.	3.4	55
11	The Greater Affinity of JC Polyomavirus Capsid for α 2,6-Linked Lactoseries Tetrasaccharide c than for Other Sialylated Glycans Is a Major Determinant of Infectivity. <i>Journal of Virology</i> , 2015, 89, 6364-6375.	3.4	52
12	Crystallographic and Glycan Microarray Analysis of Human Polyomavirus 9 VP1 Identifies α 2,6-Sialylated Neuraminic Acid as a Receptor Candidate. <i>Journal of Virology</i> , 2014, 88, 6100-6111.	3.4	36
13	An excess of catalytically required motions inhibits the scavenger decapping enzyme. <i>Nature Chemical Biology</i> , 2015, 11, 697-704.	8.0	28
14	Mutations in the GM1 Binding Site of Simian Virus 40 VP1 Alter Receptor Usage and Cell Tropism. <i>Journal of Virology</i> , 2012, 86, 7028-7042.	3.4	26
15	Structures of B-Lymphotropic Polyomavirus VP1 in Complex with Oligosaccharide Ligands. <i>PLoS Pathogens</i> , 2013, 9, e1003714.	4.7	22
16	Structure Analysis of the Major Capsid Proteins of Human Polyomaviruses 6 and 7 Reveals an Obstructed Sialic Acid Binding Site. <i>Journal of Virology</i> , 2014, 88, 10831-10839.	3.4	22
17	Spin ballet for sweet encounters: saturation-transfer difference NMR and X-ray crystallography complement each other in the elucidation of protein-glycan interactions. <i>Acta Crystallographica Section F, Structural Biology Communications</i> , 2018, 74, 451-462.	0.8	22
18	Structural and Functional Analysis of Murine Polyomavirus Capsid Proteins Establish the Determinants of Ligand Recognition and Pathogenicity. <i>PLoS Pathogens</i> , 2015, 11, e1005104.	4.7	22

#	ARTICLE	IF	CITATIONS
19	Structures of the Major Capsid Proteins of the Human Karolinska Institutet and Washington University Polyomaviruses. <i>Journal of Virology</i> , 2011, 85, 7384-7392.	3.4	17
20	Complement Factor H and Simian Virus 40 bind the GM1 ganglioside in distinct conformations. <i>Glycobiology</i> , 2016, 26, 532-539.	2.5	17
21	A skipping rope translocation mechanism in a widespread family of DNA repair helicases. <i>Nucleic Acids Research</i> , 2021, 49, 504-518.	14.5	7
22	An Unusual Aspartic Acid Cluster in the Reovirus Attachment Fiber σ 1 Mediates Stability at Low pH and Preserves Trimeric Organization. <i>Journal of Virology</i> , 2022, , e0033122.	3.4	1