Ursula Neu

List of Publications by Year
in descending order

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	An Unusual Aspartic Acid Cluster in the Reovirus Attachment Fiber Ïƒ1 Mediates Stability at Low pH and Preserves Trimeric Organization. Journal of Virology, 2022, , e0033122.	3.4	1
2	A skipping rope translocation mechanism in a widespread family of DNA repair helicases. Nucleic Acids Research, 2021, 49, 504-518.	14.5	7
3	Virus interactions with bacteria: Partners in the infectious dance. PLoS Pathogens, 2020, 16, e1008234.	4.7	74
4	Influenza hemagglutinin membrane anchor. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10112-10117.	7.1	115
5	Spin ballet for sweet encounters: saturation-transfer difference NMR and X-ray crystallography complement each other in the elucidation of proteinâ€“glycan interactions. Acta Crystallographica Section F, Structural Biology Communications, 2018, 74, 451-462.	0.8	22
6	Structure, Biosynthesis, and Biological Activity of the Cyclic Lipopeptide Anikasin. ACS Chemical Biology, 2017, 12, 2498-2502.	3.4	55
7	Structure and Function Analysis of an Antibody Recognizing All Influenza A Subtypes. Cell, 2016, 166, 596-608.	28.9	320
8	Complement Factor H and Simian Virus 40 bind the GM1 ganglioside in distinct conformations. Glycobiology, 2016, 26, 532-539.	2.5	17
9	The Greater Affinity of JC Polyomavirus Capsid for Î±2,6-Linked Lactoseries Tetrasaccharide c than for Other Sialylated Glycans Is a Major Determinant of Infectivity. Journal of Virology, 2015, 89, 6364-6375.	3.4	52
10	An excess of catalytically required motions inhibits the scavenger decapping enzyme. Nature Chemical Biology, 2015, 11, 697-704.	8.0	28
11	Structural and Functional Analysis of Murine Polyomavirus Capsid Proteins Establish the Determinants of Ligand Recognition and Pathogenicity. PLoS Pathogens, 2015, 11, e1005104.	4.7	22
12	Crystallographic and Glycan Microarray Analysis of Human Polyomavirus 9 VP1 Identifies N -Glycolyl Neuraminic Acid as a Receptor Candidate. Journal of Virology, 2014, 88, 6100-6111.	3.4	36
13	Structure Analysis of the Major Capsid Proteins of Human Polyomaviruses 6 and 7 Reveals an Obstructed Sialic Acid Binding Site. Journal of Virology, 2014, 88, 10831-10839.	3.4	22
14	A Structure-Guided Mutation in the Major Capsid Protein Retargets BK Polyomavirus. PLoS Pathogens, 2013, 9, e1003688.	4.7	70
15	Structures of B-Lymphotropic Polyomavirus VP1 in Complex with Oligosaccharide Ligands. PLoS Pathogens, 2013, 9, e1003714.	4.7	22
16	Structures of Merkel Cell Polyomavirus VP1 Complexes Define a Sialic Acid Binding Site Required for Infection. PLoS Pathogens, 2012, 8, e1002738.	4.7	79
17	Mutations in the GM1 Binding Site of Simian Virus 40 VP1 Alter Receptor Usage and Cell Tropism. Journal of Virology, 2012, 86, 7028-7042.	3.4	26
18	Viruses and sialic acids: rules of engagement. Current Opinion in Structural Biology, 2011, 21, 610-618.	5.7	122

#	Article	IF	Citations
19	Structures of the Major Capsid Proteins of the Human Karolinska Institutet and Washington University Polyomaviruses. Journal of Virology, 2011, 85, 7384-7392.	3.4	17
20	Structure-Function Analysis of the Human JC Polyomavirus Establishes the LSTc Pentasaccharide as a Functional Receptor Motif. Cell Host and Microbe, 2010, 8, 309-319.	11.0	167
21	The Polyomaviridae: Contributions of virus structure to our understanding of virus receptors and infectious entry. Virology, 2009, 384, 389-399.	2.4	99
22	Structural basis of GM1 ganglioside recognition by simian virus 40. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5219-5224.	7.1	168