Yue Liu

List of Publications by Year in descending order

19 papers	999 citations	623574 14 h-index	839398 18 g-index
20 all docs	20 docs citations	20 times ranked	1564 citing authors

#	Article	IF	Citations
1	Structure and inhibition of EV-D68, a virus that causes respiratory illness in children. Science, 2015, 347, 71-74.	6.0	139
2	Structural and Functional Analysis of Laninamivir and its Octanoate Prodrug Reveals Group Specific Mechanisms for Influenza NA Inhibition. PLoS Pathogens, 2011, 7, e1002249.	2.1	136
3	Structural and functional characterization of neuraminidase-like molecule N10 derived from bat influenza A virus. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18897-18902.	3.3	101
4	Sialic acid-dependent cell entry of human enterovirus D68. Nature Communications, 2015, 6, 8865.	5.8	101
5	Enterovirus D68 receptor requirements unveiled by haploid genetics. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1399-1404.	3.3	86
6	Induced opening of influenza virus neuraminidase N2 150-loop suggests an important role in inhibitor binding. Scientific Reports, 2013, 3, 1551.	1.6	68
7	Atomic structure of a rhinovirus C, a virus species linked to severe childhood asthma. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 8997-9002.	3.3	62
8	Near-atomic structure of a giant virus. Nature Communications, 2019, 10, 388.	5.8	61
9	Influenza A Virus N5 Neuraminidase Has an Extended 150-Cavity. Journal of Virology, 2011, 85, 8431-8435.	1.5	56
10	Structure of Influenza Virus N7: the Last Piece of the Neuraminidase â€œJigsawâ€•Puzzle. Journal of Virology, 2014, 88, 9197-9207.	1.5	38
11	Molecular basis for the acid-initiated uncoating of human enterovirus D68. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E12209-E12217.	3.3	38
12	An algorithm for estimation and correction of anisotropic magnification distortion of cryo-EM images without need of pre-calibration. Journal of Structural Biology, 2016, 195, 207-215.	1.3	37
13	Bypassing pan-enterovirus host factor PLA2G16. Nature Communications, 2019, 10, 3171.	5.8	31
14	A sequestered fusion peptide in the structure of an HIV-1 transmitted founder envelope trimer. Nature Communications, 2019, 10, 873.	5.8	17
15	Special features of the 2009 pandemic swine-origin influenza A H1N1 hemagglutinin and neuraminidase. Science Bulletin, 2011, 56, 1747-1752.	1.7	14
16	Structure of Parvovirus B19 Decorated by Fabs from a Human Antibody. Journal of Virology, 2019, 93, .	1.5	12
17	Analysis of Polar Precursors of 1,3,5,7â€Tetranitroâ€1,3,5,7â€tetrazocine (HMX) Using Hydrophilic Interaction Chromatography. Propellants, Explosives, Pyrotechnics, 2015, 40, 133-137.	1.0	1
18	Mechanism Improvement and Process Optimization of the One-Pot Synthesis of 3.7-Dinitro-1,3,5,7-Tetraazabicyclo[3,3,1]nonane from Urea. Propellants, Explosives, Pyrotechnics, 2018, 43, 1056-1059.	1.0	1

#	Article	IF	Citations
19	2.5 Çº Resolution Cryo-EM Structure of Human Apo-ferritin Using an Optimized Workflow for Volta Phase Plate. Microscopy and Microanalysis, 2018, 24, 900-901.	0.2	0