Zeshi Li

List of Publications by Year
in descending order

11 papers	1,112 citations	1039880 9 h-index	1281743 11 g-index
12 all docs	12 docs citations	12 times ranked	2235 citing authors

#	Article	IF	Citations
1	Synthetic O-Acetylated Sialosides and their Acetamido-deoxy Analogues as Probes for Coronaviral Hemagglutinin-esterase Recognition. Journal of the American Chemical Society, 2022, 144, 424-435.	6.6	4
2	Synthetic O-Acetyl-N-glycolylneuraminic Acid Oligosaccharides Reveal Host-Associated Binding Patterns of Coronaviral Glycoproteins. ACS Infectious Diseases, 2022, 8, 1041-1050.	1.8	3
3	Synthetic O-acetylated sialosides facilitate functional receptor identification for human respiratory viruses. Nature Chemistry, 2021, 13, 496-503.	6.6	31
4	Coronavirus hemagglutinin-esterase and spike proteins coevolve for functional balance and optimal virion avidity. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 25759-25770.	3.3	48
5	Hierarchical Multivalent Effects Control Influenza Host Specificity. ACS Central Science, 2020, 6, 2311-2318.	5.3	20
6	Human coronaviruses OC43 and HKU1 bind to 9- O -acetylated sialic acids via a conserved receptor-binding site in spike protein domain A. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2681-2690.	3.3	335
7	Structural basis for human coronavirus attachment to sialic acid receptors. Nature Structural and Molecular Biology, 2019, 26, 481-489.	3.6	475
8	The 2nd sialic acid-binding site of influenza A virus neuraminidase is an important determinant of the hemagglutinin-neuraminidase-receptor balance. PLoS Pathogens, 2019, 15, e1007860.	2.1	45
9	N-Glycolylneuraminic Acid as a Receptor for Influenza A Viruses. Cell Reports, 2019, 27, 3284-3294.e6.	2.9	78
10	Substrate Binding by the Second Sialic Acid-Binding Site of Influenza A Virus N1 Neuraminidase Contributes to Enzymatic Activity. Journal of Virology, 2018, 92, .	1.5	30
11	Coronavirus receptor switch explained from the stereochemistry of proteinâ€“carbohydrate interactions and a single mutation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3111-9.	3.3	38