

Yifei Lang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6309785/publications.pdf>

Version: 2024-02-01

9
papers

1,275
citations

1307366

7
h-index

1474057

9
g-index

10
all docs

10
docs citations

10
times ranked

2412
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthetic <i>O</i> -Acetylated Sialosides and their Acetamido-deoxy Analogues as Probes for Coronaviral Hemagglutinin-esterase Recognition. <i>Journal of the American Chemical Society</i> , 2022, 144, 424-435.	6.6	4
2	Synthetic <i>O</i> -Acetyl- <i>N</i> -glycolylneuraminic Acid Oligosaccharides Reveal Host-Associated Binding Patterns of Coronaviral Glycoproteins. <i>ACS Infectious Diseases</i> , 2022, 8, 1041-1050.	1.8	3
3	Synthetic <i>O</i> -acetylated sialosides facilitate functional receptor identification for human respiratory viruses. <i>Nature Chemistry</i> , 2021, 13, 496-503.	6.6	31
4	Coronavirus hemagglutinin-esterase and spike proteins coevolve for functional balance and optimal virion avidity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25759-25770.	3.3	48
5	Cryo-EM structure of coronavirus-HKU1 haemagglutinin esterase reveals architectural changes arising from prolonged circulation in humans. <i>Nature Communications</i> , 2020, 11, 4646.	5.8	24
6	Human coronaviruses OC43 and HKU1 bind to 9- <i>O</i> -acetylated sialic acids via a conserved receptor-binding site in spike protein domain A. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 2681-2690.	3.3	335
7	Structural basis for human coronavirus attachment to sialic acid receptors. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 481-489.	3.6	475
8	Betacoronavirus Adaptation to Humans Involved Progressive Loss of Hemagglutinin-Esterase Lectin Activity. <i>Cell Host and Microbe</i> , 2017, 21, 356-366.	5.1	83
9	Identification of sialic acid-binding function for the Middle East respiratory syndrome coronavirus spike glycoprotein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E8508-E8517.	3.3	272