

Zeshi Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6395126/publications.pdf>

Version: 2024-02-01

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 | Structural basis for human coronavirus attachment to sialic acid receptors. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 481-489. | 3.6 | 475 |
| 2 | 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 |
| 3 | N-Glycolylneuraminic Acid as a Receptor for Influenza A Viruses. <i>Cell Reports</i> , 2019, 27, 3284-3294.e6. | 2.9 | 78 |
| 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 | The 2nd sialic acid-binding site of influenza A virus neuraminidase is an important determinant of the hemagglutinin-neuraminidase-receptor balance. <i>PLoS Pathogens</i> , 2019, 15, e1007860. | 2.1 | 45 |
| 6 | Coronavirus receptor switch explained from the stereochemistry of protein-carbohydrate interactions and a single mutation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E3111-9. | 3.3 | 38 |
| 7 | Synthetic O-acetylated sialosides facilitate functional receptor identification for human respiratory viruses. <i>Nature Chemistry</i> , 2021, 13, 496-503. | 6.6 | 31 |
| 8 | Substrate Binding by the Second Sialic Acid-Binding Site of Influenza A Virus N1 Neuraminidase Contributes to Enzymatic Activity. <i>Journal of Virology</i> , 2018, 92, . | 1.5 | 30 |
| 9 | Hierarchical Multivalent Effects Control Influenza Host Specificity. <i>ACS Central Science</i> , 2020, 6, 2311-2318. | 5.3 | 20 |
| 10 | 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 |
| 11 | 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 |