

Aoife M Harbison

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1183355/publications.pdf>

Version: 2024-02-01

7
papers

1,684
citations

1307594

7
h-index

1720034

7
g-index

11
all docs

11
docs citations

11
times ranked

3933
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine-tuning the spike: role of the nature and topology of the glycan shield in the structure and dynamics of the SARS-CoV-2 S. <i>Chemical Science</i> , 2022, 13, 386-395.	7.4	58
2	Circulating SARS-CoV-2 spike N439K variants maintain fitness while evading antibody-mediated immunity. <i>Cell</i> , 2021, 184, 1171-1187.e20.	28.9	541
3	SARS-CoV-2 simulations go exascale to predict dramatic spike opening and cryptic pockets across the proteome. <i>Nature Chemistry</i> , 2021, 13, 651-659.	13.6	190
4	How and why plants and human N-glycans are different: Insight from molecular dynamics into the glycoblocks architecture of complex carbohydrates. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2046-2056.	2.2	18
5	Beyond Shielding: The Roles of Glycans in the SARS-CoV-2 Spike Protein. <i>ACS Central Science</i> , 2020, 6, 1722-1734.	11.3	727
6	Sequence-to-structure dependence of isolated IgG Fc complex biantennary N-glycans: a molecular dynamics study. <i>Glycobiology</i> , 2019, 29, 94-103.	2.5	45
7	Aminoquinoline Fluorescent Labels Obstruct Efficient Removal of N-Glycan Core 1 (GlcNAc ₆) Fucose by Bovine Kidney α -Fucosidase (BKF). <i>Journal of Proteome Research</i> , 2017, 16, 4237-4243.	3.7	16