

Aoife M Harbison

List of Publications by Year in descending order

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

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