

Carl A Fogarty

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/159644/publications.pdf>

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6
papers

1,145
citations

1478505

6
h-index

1872680

6
g-index

10
all docs

10
docs citations

10
times ranked

1962
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	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
3	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
4	The case for post-predictional modifications in the AlphaFold Protein Structure Database. Nature Structural and Molecular Biology, 2021, 28, 869-870.	8.2	54
5	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
6	Oligomannose N-Glycans 3D Architecture and Its Response to the Fcγ3RIIIa Structural Landscape. Journal of Physical Chemistry B, 2021, 125, 2607-2616.	2.6	9