

# Carl A Fogarty

## List of Publications by Year in descending order

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

Version: 2024-02-01

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	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	Oligomannose <i>N</i> -Glycans 3D Architecture and Its Response to the Fc $\gamma$ RIIIa Structural Landscape. <i>Journal of Physical Chemistry B</i> , 2021, 125, 2607-2616.	2.6	9
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	The case for post-predictional modifications in the AlphaFold Protein Structure Database. <i>Nature Structural and Molecular Biology</i> , 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. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2046-2056.	2.2	18
6	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