

Carlos Outeiral Rubiera

List of Publications by Year in descending order

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Version: 2025-02-01

9
papers

400
citations

1294870

7
h-index

1476107

9
g-index

16
all docs

16
docs citations

16
times ranked

666
citing authors

#	ARTICLE	IF	CITATIONS
1	Codon language embeddings provide strong signals for use in protein engineering. <i>Nature Machine Intelligence</i> , 2024, 6, 170-179.	17.4	16
2	Generative artificial intelligence for de novo protein design. <i>Current Opinion in Structural Biology</i> , 2024, 86, 102794.	7.1	13
3	Discovery and pharmacophoric characterization of chemokine network inhibitors using phage-display, saturation mutagenesis and computational modelling. <i>Nature Communications</i> , 2023, 14, .	14.1	4
4	Current structure predictors are not learning the physics of protein folding. <i>Bioinformatics</i> , 2022, 38, 1881-1887.	5.0	51
5	Membranome 3.0: Database of single-pass membrane proteins with <code><scp>AlphaFold</scp></code> models. <i>Protein Science</i> , 2022, 31, .	5.9	18
6	Investigating the potential for a limited quantum speedup on protein lattice problems. <i>New Journal of Physics</i> , 2021, 23, 103030.	2.8	11
7	The prospects of quantum computing in computational molecular biology. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2021, 11, .	19.4	145
8	Deconvolution of conformational exchange from Raman spectra of aqueous RNA nucleosides. <i>Communications Chemistry</i> , 2020, 3, .	5.8	6
9	Revitalizing the concept of bond order through delocalization measures in real space. <i>Chemical Science</i> , 2018, 9, 5517-5529.	7.5	129