

Daniel P Farrell

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

622
citations

686830

13
h-index

940134

16
g-index

24
all docs

24
docs citations

24
times ranked

748
citing authors

#	ARTICLE	IF	CITATIONS
1	A Structural Model of the Endogenous Human BAF Complex Informs Disease Mechanisms. <i>Cell</i> , 2020, 183, 802-817.e24.	13.5	100
2	Cryo-EM model validation recommendations based on outcomes of the 2019 EMDataResource challenge. <i>Nature Methods</i> , 2021, 18, 156-164.	9.0	73
3	DNA binding drives the association of BRG1/hBRM bromodomains with nucleosomes. <i>Nature Communications</i> , 2017, 8, 16080.	5.8	61
4	BRCA1/BARD1 site-specific ubiquitylation of nucleosomal H2A is directed by BARD1. <i>Nature Structural and Molecular Biology</i> , 2021, 28, 268-277.	3.6	58
5	Structural and functional insight into regulation of kinesin-1 by microtubule-associated protein MAP7. <i>Science</i> , 2022, 375, 326-331.	6.0	53
6	The Molecular Architecture of Native BBSome Obtained by an Integrated Structural Approach. <i>Structure</i> , 2019, 27, 1384-1394.e4.	1.6	51
7	Polymerization in the actin ATPase clan regulates hexokinase activity in yeast. <i>Science</i> , 2020, 367, 1039-1042.	6.0	41
8	Cryo-electron Microscopy Imaging of Alzheimer's Amyloid β 42 Oligomer Displayed on a Functionally and Structurally Relevant Scaffold. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 18680-18687.	7.2	39
9	Structure and lipid dynamics in the maintenance of lipid asymmetry inner membrane complex of <i>A. baumannii</i> . <i>Communications Biology</i> , 2021, 4, 817.	2.0	31
10	Cryo-EM structures of CTP synthase filaments reveal mechanism of pH-sensitive assembly during budding yeast starvation. <i>ELife</i> , 2021, 10, .	2.8	25
11	Brønsted acid catalyzed intramolecular benzylic cyclizations of alkylpyridines. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1090-1099.	1.5	19
12	Structural basis for autophagy inhibition by the human Rubicon β /Rab7 complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 17003-17010.	3.3	18
13	The cryo-EM structure of the bacterial flagellum cap complex suggests a molecular mechanism for filament elongation. <i>Nature Communications</i> , 2020, 11, 3210.	5.8	16
14	Ensuring scientific reproducibility in bio-macromolecular modeling via extensive, automated benchmarks. <i>Nature Communications</i> , 2021, 12, 6947.	5.8	16
15	Deep learning enables the atomic structure determination of the Fanconi Anemia core complex from cryoEM. <i>IUCr</i> , 2020, 7, 881-892.	1.0	10
16	Cryo-electron Microscopy Imaging of Alzheimer's Amyloid β 42 Oligomer Displayed on a Functionally and Structurally Relevant Scaffold. <i>Angewandte Chemie</i> , 2021, 133, 18828-18835.	1.6	5