

Daniel P Farrell

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

229
citations

9
h-index

15
g-index

24
ext. papers

453
ext. citations

16.7
avg, IF

3.18
L-index

#	Paper	IF	Citations
20	DNA binding drives the association of BRG1/hBRM bromodomains with nucleosomes. <i>Nature Communications</i> , 2017 , 8, 16080	17.4	39
19	The Molecular Architecture of Native BBSome Obtained by an Integrated Structural Approach. <i>Structure</i> , 2019 , 27, 1384-1394.e4	5.2	33
18	A Structural Model of the Endogenous Human BAF Complex Informs Disease Mechanisms. <i>Cell</i> , 2020 , 183, 802-817.e24	56.2	31
17	Cryo-EM model validation recommendations based on outcomes of the 2019 EMDataResource challenge. <i>Nature Methods</i> , 2021 , 18, 156-164	21.6	22
16	BRCA1/BARD1 site-specific ubiquitylation of nucleosomal H2A is directed by BARD1. <i>Nature Structural and Molecular Biology</i> , 2021 , 28, 268-277	17.6	21
15	Brønsted acid catalyzed intramolecular benzylic cyclizations of alkylpyridines. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 1090-9	3.9	16
14	Polymerization in the actin ATPase clan regulates hexokinase activity in yeast. <i>Science</i> , 2020 , 367, 1039-1042	39.2	13
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	17.4	9
12	Structural basis for autophagy inhibition by the human Rubicon-Rab7 complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 17003-17010	11.5	9
11	Cryo-electron Microscopy Imaging of Alzheimer's Amyloid-beta 42 Oligomer Displayed on a Functionally and Structurally Relevant Scaffold. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 18680-18687	16.4	9
10	Structural and functional insight into regulation of kinesin-1 by microtubule-associated protein MAP7.. <i>Science</i> , 2022 , 375, 326-331	33.3	8
9	Deep learning enables the atomic structure determination of the Fanconi Anemia core complex from cryoEM. <i>IUCrJ</i> , 2020 , 7, 881-892	4.7	5
8	Cryo-EM structures of CTP synthase filaments reveal mechanism of pH-sensitive assembly during budding yeast starvation. <i>ELife</i> , 2021 , 10,	8.9	5
7	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	6.7	4
6	Structural basis for autophagy inhibition by the human Rubicon-Rab7 complex		1
5	Independent evolution of polymerization in the Actin ATPase clan regulates hexokinase activity		1
4	Deep learning enables the atomic structure determination of the Fanconi Anemia core complex from cryoEM		1

3	Cryo-electron Microscopy Imaging of Alzheimer's Amyloid-beta 42 Oligomer Displayed on a Functionally and Structurally Relevant Scaffold. <i>Angewandte Chemie</i> , 2021 , 133, 18828-18835	3.6	1
2	Cryo-EM Structures of CTP Synthase Filaments Reveal Mechanism of pH-Sensitive Assembly During Budding Yeast Starvation		1
1	Ensuring scientific reproducibility in bio-macromolecular modeling via extensive, automated benchmarks. <i>Nature Communications</i> , 2021 , 12, 6947	17.4	0