

Axel F Brillot

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1700236/publications.pdf>

Version: 2024-02-01

14
papers

2,520
citations

687363

13
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

4697
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparative host-coronavirus protein interaction networks reveal pan-viral disease mechanisms. <i>Science</i> , 2020, 370, .	12.6	508
2	Beam-induced motion of vitrified specimen on holey carbon film. <i>Journal of Structural Biology</i> , 2012, 177, 630-637.	2.8	366
3	An ultrapotent synthetic nanobody neutralizes SARS-CoV-2 by stabilizing inactive Spike. <i>Science</i> , 2020, 370, 1473-1479.	12.6	336
4	Movies of Ice-Embedded Particles Enhance Resolution in Electron Cryo-Microscopy. <i>Structure</i> , 2012, 20, 1823-1828.	3.3	277
5	Likelihood-based classification of cryo-EM images using FREALIGN. <i>Journal of Structural Biology</i> , 2013, 183, 377-388.	2.8	241
6	Assembly of a nucleus-like structure during viral replication in bacteria. <i>Science</i> , 2017, 355, 194-197.	12.6	207
7	Ribosome-RelA structures reveal the mechanism of stringent response activation. <i>ELife</i> , 2016, 5, .	6.0	143
8	Structure of the ribosome with elongation factor G trapped in the pretranslocation state. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 20994-20999.	7.1	125
9	Structures of Yeast 80S Ribosome-tRNA Complexes in the Rotated and Nonrotated Conformations. <i>Structure</i> , 2014, 22, 1210-1218.	3.3	88
10	Taura syndrome virus IRES initiates translation by binding its tRNA-mRNA-like structural element in the ribosomal decoding center. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 9139-9144.	7.1	59
11	Cryo-EM near-atomic structure of a dsRNA fungal virus shows ancient structural motifs preserved in the dsRNA viral lineage. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 7641-7646.	7.1	32
12	Evaluation of super-resolution performance of the K2 electron-counting camera using 2D crystals of aquaporin-0. <i>Journal of Structural Biology</i> , 2015, 192, 163-173.	2.8	26
13	CM1-driven assembly and activation of yeast β -tubulin small complex underlies microtubule nucleation. <i>ELife</i> , 2021, 10, .	6.0	23
14	Structure of a Holliday junction complex reveals mechanisms governing a highly regulated DNA transaction. <i>ELife</i> , 2016, 5, .	6.0	21