

Dimitry Tegunov

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

3,474
citations

686830

13
h-index

996533

15
g-index

29
all docs

29
docs citations

29
times ranked

5377
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time cryo-electron microscopy data preprocessing with Warp. Nature Methods, 2019, 16, 1146-1152.	9.0	833
2	Structure of replicating SARS-CoV-2 polymerase. Nature, 2020, 584, 154-156.	13.7	627
3	Mechanism of SARS-CoV-2 polymerase stalling by remdesivir. Nature Communications, 2021, 12, 279.	5.8	412
4	Multi-particle cryo-EM refinement with M visualizes ribosome-antibiotic complex at 3.5Å in cells. Nature Methods, 2021, 18, 186-193.	9.0	265
5	Architecture of the RNA polymerase II-Mediator core initiation complex. Nature, 2015, 518, 376-380.	13.7	259
6	Structures of transcription pre-initiation complex with TFIID and Mediator. Nature, 2017, 551, 204-209.	13.7	219
7	In-cell architecture of an actively transcribing-translating expressome. Science, 2020, 369, 554-557.	6.0	192
8	Structural basis of TFIID activation for nucleotide excision repair. Nature Communications, 2019, 10, 2885.	5.8	112
9	Using the Volta phase plate with defocus for cryo-EM single particle analysis. ELife, 2017, 6, .	2.8	109
10	Structure of SWI/SNF chromatin remodeller RSC bound to a nucleosome. Nature, 2020, 579, 448-451.	13.7	106
11	Architecture of the RNA polymerase II-Paf1C-TFIIS transcription elongation complex. Nature Communications, 2017, 8, 15741.	5.8	80
12	Charting the native architecture of Chlamydomonas thylakoid membranes with single-molecule precision. ELife, 2020, 9, .	2.8	80
13	Liquid-crystalline phase transitions in lipid droplets are related to cellular states and specific organelle association. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 16866-16871.	3.3	64
14	The structure of a dimeric form of SARS-CoV-2 polymerase. Communications Biology, 2021, 4, 999.	2.0	9
15	High-resolution <i>In Situ</i> imaging of Biological Samples with Warp and M. Microscopy and Microanalysis, 2020, 26, 2998-2999.	0.2	1
16	Embedding Heterogeneous Cryo-EM Data with 3D Principal Component Analysis and Variational Autoencoders. Microscopy and Microanalysis, 2020, 26, 1820-1821.	0.2	0