

Dimitry Tegunov

List of Publications by Year in Descending Order

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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.

25
papers

1,787
citations

14
h-index

29
g-index

29
ext. papers

2,767
ext. citations

21.9
avg, IF

5.94
L-index

#	Paper	IF	Citations
25	Multi-particle cryo-EM refinement with M visualizes ribosome-antibiotic complex at 3.5 Å in cells. <i>Nature Methods</i> , 2021 , 18, 186-193	21.6	78
24	The structure of a dimeric form of SARS-CoV-2 polymerase. <i>Communications Biology</i> , 2021 , 4, 999	6.7	3
23	Mechanism of SARS-CoV-2 polymerase stalling by remdesivir. <i>Nature Communications</i> , 2021 , 12, 279	17.4	171
22	High-resolution In Situ imaging of Biological Samples with Warp and M. <i>Microscopy and Microanalysis</i> , 2020 , 26, 2998-2999	0.5	0
21	Structure of SWI/SNF chromatin remodeller RSC bound to a nucleosome. <i>Nature</i> , 2020 , 579, 448-451	50.4	54
20	Charting the native architecture of thylakoid membranes with single-molecule precision. <i>ELife</i> , 2020 , 9,	8.9	41
19	Embedding Heterogeneous Cryo-EM Data with 3D Principal Component Analysis and Variational Autoencoders. <i>Microscopy and Microanalysis</i> , 2020 , 26, 1820-1821	0.5	
18	In-cell architecture of an actively transcribing-translating expressome. <i>Science</i> , 2020 , 369, 554-557	33.3	82
17	Structure of replicating SARS-CoV-2 polymerase. <i>Nature</i> , 2020 , 584, 154-156	50.4	351
16	Liquid-crystalline phase transitions in lipid droplets are related to cellular states and specific organelle association. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 16866-16871	11.5	28
15	Structural basis of TFIIH activation for nucleotide excision repair. <i>Nature Communications</i> , 2019 , 10, 2885	17.4	61
14	Real-time cryo-electron microscopy data preprocessing with Warp. <i>Nature Methods</i> , 2019 , 16, 1146-1152	21.6	355
13	Architecture of the RNA polymerase II-Paf1C-TFIIS transcription elongation complex. <i>Nature Communications</i> , 2017 , 8, 15741	17.4	60
12	Structures of transcription pre-initiation complex with TFIIH and Mediator. <i>Nature</i> , 2017 , 551, 204-209	50.4	147
11	Using the Volta phase plate with defocus for cryo-EM single particle analysis. <i>ELife</i> , 2017 , 6,	8.9	87
10	Architecture of the RNA polymerase II-Mediator core initiation complex. <i>Nature</i> , 2015 , 518, 376-80	50.4	205
9	Mechanism of SARS-CoV-2 polymerase inhibition by remdesivir		2

8	Charting the native architecture of thylakoid membranes with single-molecule precision	2
7	Structure of SWI/SNF chromatin remodeller RSC bound to a nucleosome	1
6	Using the Volta phase plate with defocus for cryo-EM single particle analysis	2
5	In-cell architecture of an actively transcribing-translating expressome	9
4	Structure of replicating SARS-CoV-2 polymerase	3
3	Multi-particle cryo-EM refinement with M visualizes ribosome-antibiotic complex at 3.7 Å inside cells	11
2	Real-time cryo-EM data pre-processing with Warp	30
1	Dimeric form of SARS-CoV-2 polymerase	4