

Eugene Palovcak

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11376167/publications.pdf>

Version: 2024-02-01

8
papers

6,469
citations

1307594

7
h-index

1588992

8
g-index

10
all docs

10
docs citations

10
times ranked

10898
citing authors

#	ARTICLE	IF	CITATIONS
1	MotionCor2: anisotropic correction of beam-induced motion for improved cryo-electron microscopy. <i>Nature Methods</i> , 2017, 14, 331-332.	19.0	6,166
2	A simple and robust procedure for preparing graphene-oxide cryo-EM grids. <i>Journal of Structural Biology</i> , 2018, 204, 80-84.	2.8	101
3	Evolutionary imprint of activation: The design principles of VSDs. <i>Journal of General Physiology</i> , 2014, 143, 145-156.	1.9	57
4	Comparative sequence analysis suggests a conserved gating mechanism for TRP channels. <i>Journal of General Physiology</i> , 2015, 146, 37-50.	1.9	57
5	Regulation of Rvb1/Rvb2 by a Domain within the INO80 Chromatin Remodeling Complex Implicates the Yeast Rvbs as Protein Assembly Chaperones. <i>Cell Reports</i> , 2017, 19, 2033-2044.	6.4	43
6	Enhancing the signal-to-noise ratio and generating contrast for cryo-EM images with convolutional neural networks. <i>IUCr</i> , 2020, 7, 1142-1150.	2.2	24
7	The first single particle analysis Map Challenge: A summary of the assessments. <i>Journal of Structural Biology</i> , 2018, 204, 291-300.	2.8	17
8	Ion Channel in Lipid Nanodisc By Single Particle Cryo-EM - Pushing The Technology Limit. <i>Microscopy and Microanalysis</i> , 2017, 23, 822-823.	0.4	2