

Mikhail Eltsov

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

1,422
citations

15
h-index

22
g-index

22
ext. papers

1,630
ext. citations

6.8
avg, IF

4.36
L-index

#	Paper	IF	Citations
20	Analysis of cryo-electron microscopy images does not support the existence of 30-nm chromatin fibers in mitotic chromosomes in situ. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 19732-7	11.5	286
19	Human mitotic chromosomes consist predominantly of irregularly folded nucleosome fibres without a 30-nm chromatin structure. <i>EMBO Journal</i> , 2012 , 31, 1644-53	13	223
18	Chromatin structure: does the 30-nm fibre exist in vivo?. <i>Current Opinion in Cell Biology</i> , 2010 , 22, 291-7	9	212
17	Nuclear pore assembly proceeds by an inside-out extrusion of the nuclear envelope. <i>ELife</i> , 2016 , 5,	8.9	107
16	Evidence for short-range helical order in the 30-nm chromatin fibers of erythrocyte nuclei. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16992-7	11.5	103
15	Visualization of cell microtubules in their native state. <i>Biology of the Cell</i> , 2007 , 99, 45-53	3.5	71
14	Packaging the genome: the structure of mitotic chromosomes. <i>Journal of Biochemistry</i> , 2008 , 143, 145-53.	3.1	68
13	How to "read" a vitreous section. <i>Methods in Cell Biology</i> , 2007 , 79, 385-406	1.8	64
12	Fine structure of the <i>Deinococcus radiodurans</i> nucleoid revealed by cryoelectron microscopy of vitreous sections. <i>Journal of Bacteriology</i> , 2005 , 187, 8047-54	3.5	51
11	Facilitated aggregation of FG nucleoporins under molecular crowding conditions. <i>EMBO Reports</i> , 2013 , 14, 178-83	6.5	49
10	Transmission electron microscopy of the bacterial nucleoid. <i>Journal of Structural Biology</i> , 2006 , 156, 246-54	5.4	49
9	Quantitative analysis of cytoskeletal reorganization during epithelial tissue sealing by large-volume electron tomography. <i>Nature Cell Biology</i> , 2015 , 17, 605-14	23.4	35
8	Nucleosomes stacked with aligned dyad axes are found in native compact chromatin in vitro. <i>Journal of Structural Biology</i> , 2012 , 178, 207-14	3.4	33
7	ELCS in ice: cryo-electron microscopy of nuclear envelope-limited chromatin sheets. <i>Chromosoma</i> , 2014 , 123, 303-12	2.8	23
6	Nucleosome conformational variability in solution and in interphase nuclei evidenced by cryo-electron microscopy of vitreous sections. <i>Nucleic Acids Research</i> , 2018 , 46, 9189-9200	20.1	22
5	Study of the <i>Deinococcus radiodurans</i> nucleoid by cryoelectron microscopy of vitreous sections: Supplementary comments. <i>Journal of Bacteriology</i> , 2006 , 188, 6053-8; discussion 6059	3.5	12
4	Correlative Light and Electron Microscopy (CLEM) Analysis of Nuclear Reorganization Induced by Clustered DNA Damage Upon Charged Particle Irradiation. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5

3	Rebuttal: Ring-Like Nucleoids and DNA Repair in <i>Deinococcus radiodurans</i> . <i>Journal of Bacteriology</i> , 2006 , 188, 6052-6052	3.5	4
2	FIB-SEM imaging properties of <i>Drosophila melanogaster</i> tissues embedded in Lowicryl HM20. <i>Journal of Microscopy</i> , 2019 , 273, 91-104	1.9	4
1	ELCS in Ice: Cryo-electron Microscopy of Nuclear Envelope-Limited Chromatin Sheets. <i>Microscopy and Microanalysis</i> , 2014 , 20, 1202-1203	0.5	