

Mikhail Eltsov

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8281745/publications.pdf>

Version: 2024-02-01

20
papers

1,769
citations

566801

15
h-index

794141

19
g-index

22
all docs

22
docs citations

22
times ranked

1784
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of cryo-electron microscopy images does not support the existence of 30-nm chromatin fibers in mitotic chromosomes in situ. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 19732-19737.	3.3	341
2	Human mitotic chromosomes consist predominantly of irregularly folded nucleosome fibres without a 30-nm chromatin structure. EMBO Journal, 2012, 31, 1644-1653.	3.5	269
3	Chromatin structure: does the 30-nm fibre exist in vivo?. Current Opinion in Cell Biology, 2010, 22, 291-297.	2.6	254
4	Nuclear pore assembly proceeds by an inside-out extrusion of the nuclear envelope. ELife, 2016, 5, .	2.8	143
5	Evidence for short-range helical order in the 30-nm chromatin fibers of erythrocyte nuclei. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16992-16997.	3.3	126
6	Visualization of cell microtubules in their native state. Biology of the Cell, 2007, 99, 45-53.	0.7	87
7	Packaging the Genome: the Structure of Mitotic Chromosomes. Journal of Biochemistry, 2008, 143, 145-153.	0.9	80
8	Facilitated aggregation of FG nucleoporins under molecular crowding conditions. EMBO Reports, 2013, 14, 178-183.	2.0	78
9	Fine Structure of the Deinococcus radiodurans Nucleoid Revealed by Cryoelectron Microscopy of Vitreous Sections. Journal of Bacteriology, 2005, 187, 8047-8054.	1.0	74
10	How to "Read" a Vitreous Section. Methods in Cell Biology, 2007, 79, 385-406.	0.5	69
11	Transmission electron microscopy of the bacterial nucleoid. Journal of Structural Biology, 2006, 156, 246-254.	1.3	54
12	Quantitative analysis of cytoskeletal reorganization during epithelial tissue sealing by large-volume electron tomography. Nature Cell Biology, 2015, 17, 605-614.	4.6	45
13	Nucleosome conformational variability in solution and in interphase nuclei evidenced by cryo-electron microscopy of vitreous sections. Nucleic Acids Research, 2018, 46, 9189-9200.	6.5	42
14	Nucleosomes stacked with aligned dyad axes are found in native compact chromatin in vitro. Journal of Structural Biology, 2012, 178, 207-214.	1.3	41
15	ELCS in ice: cryo-electron microscopy of nuclear envelope-limited chromatin sheets. Chromosoma, 2014, 123, 303-312.	1.0	26
16	Study of the Deinococcus radiodurans Nucleoid by Cryoelectron Microscopy of Vitreous Sections: Supplementary Comments. Journal of Bacteriology, 2006, 188, 6053-6058.	1.0	15
17	Correlative Light and Electron Microscopy (CLEM) Analysis of Nuclear Reorganization Induced by Clustered DNA Damage Upon Charged Particle Irradiation. International Journal of Molecular Sciences, 2020, 21, 1911.	1.8	10
18	FIB-SEM imaging properties of <i>Drosophila melanogaster</i> tissues embedded in Lowicryl HM20. Journal of Microscopy, 2019, 273, 91-104.	0.8	8

#	ARTICLE	IF	CITATIONS
19	Rebuttal: Ring-Like Nucleoids and DNA Repair in <i>Deinococcus radiodurans</i> . <i>Journal of Bacteriology</i> , 2006, 188, 6052-6052.	1.0	4
20	ELCS in Ice: Cryo-electron Microscopy of Nuclear Envelope-Limited Chromatin Sheets. <i>Microscopy and Microanalysis</i> , 2014, 20, 1202-1203.	0.2	0