

Shotaro Otsuka

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.

14
papers

409
citations

10
h-index

17
g-index

17
ext. papers

514
ext. citations

7.2
avg, IF

3.67
L-index

#	Paper	IF	Citations
14	Nuclear pore assembly proceeds by an inside-out extrusion of the nuclear envelope. <i>ELife</i> , 2016 , 5,	8.9	107
13	Mechanisms of nuclear pore complex assembly - two different ways of building one molecular machine. <i>FEBS Letters</i> , 2018 , 592, 475-488	3.8	57
12	Postmitotic nuclear pore assembly proceeds by radial dilation of small membrane openings. <i>Nature Structural and Molecular Biology</i> , 2018 , 25, 21-28	17.6	53
11	Individual binding pockets of importin-beta for FG-nucleoporins have different binding properties and different sensitivities to RanGTP. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 16101-6	11.5	51
10	Nup358, a nucleoporin, functions as a key determinant of the nuclear pore complex structure remodeling during skeletal myogenesis. <i>FEBS Journal</i> , 2011 , 278, 610-21	5.7	35
9	Chemogenetic Control of Nanobodies. <i>Nature Methods</i> , 2020 , 17, 279-282	21.6	27
8	Intermolecular disulfide bonds between nucleoporins regulate karyopherin-dependent nuclear transport. <i>Journal of Cell Science</i> , 2013 , 126, 3141-50	5.3	18
7	Nuclear architecture and chromatin dynamics revealed by atomic force microscopy in combination with biochemistry and cell biology. <i>Pflugers Archiv European Journal of Physiology</i> , 2008 , 456, 139-53	4.6	18
6	Development of glutathione-coupled cantilever for the single-molecule force measurement by scanning force microscopy. <i>FEBS Letters</i> , 2006 , 580, 3961-5	3.8	18
5	Imaging the assembly, structure, and function of the nuclear pore inside cells. <i>Methods in Cell Biology</i> , 2014 , 122, 219-38	1.8	11
4	Dissecting in vivo steady-state dynamics of karyopherin-dependent nuclear transport. <i>Molecular Biology of the Cell</i> , 2016 , 27, 167-76	3.5	8
3	Chemogenetic Control of Nanobodies		3
2	A quantitative map of nuclear pore assembly reveals two distinct mechanisms		2
1	Visualizing Nuclear Pore Complex Assembly In Situ in Human Cells at Nanometer Resolution by Correlating Live Imaging with Electron Microscopy.. <i>Methods in Molecular Biology</i> , 2022 , 2502, 493-512	1.4	0