

# Shotaro Otsuka

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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	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> , <b>2022</b> , 2502, 493-512	1.4	0
13	Chemogenetic Control of Nanobodies. <i>Nature Methods</i> , <b>2020</b> , 17, 279-282	21.6	27
12	Postmitotic nuclear pore assembly proceeds by radial dilation of small membrane openings. <i>Nature Structural and Molecular Biology</i> , <b>2018</b> , 25, 21-28	17.6	53
11	Mechanisms of nuclear pore complex assembly - two different ways of building one molecular machine. <i>FEBS Letters</i> , <b>2018</b> , 592, 475-488	3.8	57
10	Dissecting in vivo steady-state dynamics of karyopherin-dependent nuclear transport. <i>Molecular Biology of the Cell</i> , <b>2016</b> , 27, 167-76	3.5	8
9	Nuclear pore assembly proceeds by an inside-out extrusion of the nuclear envelope. <i>ELife</i> , <b>2016</b> , 5,	8.9	107
8	Imaging the assembly, structure, and function of the nuclear pore inside cells. <i>Methods in Cell Biology</i> , <b>2014</b> , 122, 219-38	1.8	11
7	Intermolecular disulfide bonds between nucleoporins regulate karyopherin-dependent nuclear transport. <i>Journal of Cell Science</i> , <b>2013</b> , 126, 3141-50	5.3	18
6	Nup358, a nucleoporin, functions as a key determinant of the nuclear pore complex structure remodeling during skeletal myogenesis. <i>FEBS Journal</i> , <b>2011</b> , 278, 610-21	5.7	35
5	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> , <b>2008</b> , 105, 16101-6	11.5	51
4	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> , <b>2008</b> , 456, 139-53	4.6	18
3	Development of glutathione-coupled cantilever for the single-molecule force measurement by scanning force microscopy. <i>FEBS Letters</i> , <b>2006</b> , 580, 3961-5	3.8	18
2	Chemogenetic Control of Nanobodies		3
1	A quantitative map of nuclear pore assembly reveals two distinct mechanisms		2