Shotaro Otsuka

List of Publications by Year
in descending order

12	576	933447 10	1281871 11
papers	citations	h-index	g-index

17	17	17	774
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nuclear pore assembly proceeds by an inside-out extrusion of the nuclear envelope. ELife, 2016, 5, .	6.0	143
2	Mechanisms of nuclear pore complex assembly â€“ two different ways of building one molecular machine. FEBS Letters, 2018, 592, 475-488.	2.8	96
3	Postmitotic nuclear pore assembly proceeds by radial dilation of small membrane openings. Nature Structural and Molecular Biology, 2018, 25, 21-28.	8.2	75
4	Individual binding pockets of importin-Î² for FG-nucleoporins have different binding properties and different sensitivities to RanGTP. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16101-16106.	7.1	61
5	Chemogenetic Control of Nanobodies. Nature Methods, 2020, 17, 279-282.	19.0	58
6	Nup358, a nucleoporin, functions as a key determinant of the nuclear pore complex structure remodeling during skeletal myogenesis. FEBS Journal, 2011, 278, 610-621.	4.7	39
7	Development of glutathione-coupled cantilever for the single-molecule force measurement by scanning force microscopy. FEBS Letters, 2006, 580, 3961-3965.	2.8	22
8	Nuclear architecture and chromatin dynamics revealed by atomic force microscopy in combination with biochemistry and cell biology. Pflugers Archiv European Journal of Physiology, 2008, 456, 139-153.	2.8	22
9	Intermolecular disulfide bonds among nucleoporins regulate karyopherin-dependent nuclear transport. Journal of Cell Science, 2013, 126, 3141-50.	2.0	19
10	Imaging the Assembly, Structure, and Function of the Nuclear Pore Inside Cells. Methods in Cell Biology, 2014, 122, 219-238.	1.1	17
11	Dissecting in vivo steady-state dynamics of karyopherin-dependent nuclear transport. Molecular Biology of the Cell, 2016, 27, 167-176.	2.1	9
12	Visualizing Nuclear Pore Complex Assembly In Situ in Human Cells at Nanometer Resolution by Correlating Live Imaging with Electron Microscopy. Methods in Molecular Biology, 2022, 2502, 493-512.	0.9	1