

# Naoko Mizuno

## List of Publications by Year in Descending Order

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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.

32  
papers

1,672  
citations

20  
h-index

39  
g-index

39  
ext. papers

2,038  
ext. citations

12  
avg, IF

4.33  
L-index

#	Paper	IF	Citations
32	Reconstitution of contractile actomyosin rings in vesicles. <i>Nature Communications</i> , <b>2021</b> , 12, 2254	17.4	19
31	Structural insights into integrin $\beta$ opening by fibronectin ligand. <i>Science Advances</i> , <b>2021</b> , 7,	14.3	9
30	Bottom-up reconstitution of focal adhesion complexes. <i>FEBS Journal</i> , <b>2021</b> ,	5.7	3
29	Cytoskeleton and Membrane Organization at Axon Branches. <i>Frontiers in Cell and Developmental Biology</i> , <b>2021</b> , 9, 707486	5.7	0
28	Mitochondrial dysfunction generates aggregates that resist lysosomal degradation in human breast cancer cells. <i>Cell Death and Disease</i> , <b>2020</b> , 11, 460	9.8	6
27	Phosphoinositides regulate force-independent interactions between talin, vinculin, and actin. <i>ELife</i> , <b>2020</b> , 9,	8.9	20
26	The Architecture of Talin1 Reveals an Autoinhibition Mechanism. <i>Cell</i> , <b>2019</b> , 179, 120-131.e13	56.2	51
25	Membrane association and remodeling by intraflagellar transport protein IFT172. <i>Nature Communications</i> , <b>2018</b> , 9, 4684	17.4	21
24	Direct induction of microtubule branching by microtubule nucleation factor SSNA1. <i>Nature Cell Biology</i> , <b>2018</b> , 20, 1172-1180	23.4	25
23	Kank2 activates talin, reduces force transduction across integrins and induces central adhesion formation. <i>Nature Cell Biology</i> , <b>2016</b> , 18, 941-53	23.4	100
22	Structural insights into the cooperative remodeling of membranes by amphiphysin/BIN1. <i>Scientific Reports</i> , <b>2015</b> , 5, 15452	4.9	32
21	Side-binding proteins modulate actin filament dynamics. <i>ELife</i> , <b>2015</b> , 4,	8.9	18
20	Cofilin recruits F-actin to SPCA1 and promotes Ca <sup>2+</sup> -mediated secretory cargo sorting. <i>Journal of Cell Biology</i> , <b>2014</b> , 206, 635-54	7.3	27
19	Conformational switching in PolyGln amyloid fibrils resulting from a single amino acid insertion. <i>Biophysical Journal</i> , <b>2014</b> , 106, 2134-42	2.9	3
18	Structural basis for the extended CAP-Gly domains of p150(glued) binding to microtubules and the implication for tubulin dynamics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 11347-52	11.5	32
17	Architecture and ssDNA interaction of the Timeless-Tipin-RPA complex. <i>Nucleic Acids Research</i> , <b>2014</b> , 42, 12912-27	20.1	16
16	Molecular basis of tubulin transport within the cilium by IFT74 and IFT81. <i>Science</i> , <b>2013</b> , 341, 1009-12	33.3	200

15	MuB is an AAA+ ATPase that forms helical filaments to control target selection for DNA transposition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, E2441-50	11.5	25
14	βSynuclein oligomers with broken helical conformation form lipoprotein nanoparticles. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 17620-30	5.4	54
13	Structural studies of ciliary components. <i>Journal of Molecular Biology</i> , <b>2012</b> , 422, 163-80	6.5	57
12	Structural basis for iron piracy by pathogenic Neisseria. <i>Nature</i> , <b>2012</b> , 483, 53-8	50.4	199
11	Remodeling of lipid vesicles into cylindrical micelles by βSynuclein in an extended βhelical conformation. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 29301-11	5.4	86
10	Structural dependence of HET-s amyloid fibril infectivity assessed by cryoelectron microscopy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 3252-7	11.5	63
9	Multiple modes of endophilin-mediated conversion of lipid vesicles into coated tubes: implications for synaptic endocytosis. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 23351-8	5.4	41
8	Membrane curvature induction and tubulation are common features of synucleins and apolipoproteins. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 32486-93	5.4	231
7	The antioxidant transcription factor Nrf2 negatively regulates autophagy and growth arrest induced by the anticancer redox agent mitoquinone. <i>Journal of Biological Chemistry</i> , <b>2010</b> , 285, 34447-59	5.4	107
6	Tau binding to microtubules does not directly affect microtubule-based vesicle motility. <i>Journal of Neuroscience Research</i> , <b>2007</b> , 85, 2620-30	4.4	68
5	Three-dimensional structure of cytoplasmic dynein bound to microtubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2007</b> , 104, 20832-7	11.5	52
4	Molecular determination by electron microscopy of the dynein-microtubule complex structure. <i>Journal of Molecular Biology</i> , <b>2007</b> , 372, 1320-36	6.5	6
3	Removal of tightly bound ADP induces distinct structural changes of the two tryptophan-containing regions of the ncd motor domain. <i>Journal of Biochemistry</i> , <b>2005</b> , 138, 95-104	3.1	2
2	Dynein and kinesin share an overlapping microtubule-binding site. <i>EMBO Journal</i> , <b>2004</b> , 23, 2459-67	13	93
1	Reconstitution of contractile actomyosin rings in vesicles		5