

Naoko Mizuno

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

2,277
citations

279798

23
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395702

33
g-index

39
all docs

39
docs citations

39
times ranked

5878
citing authors

#	ARTICLE	IF	CITATIONS
1	Bottom-up reconstitution of focal adhesion complexes. FEBS Journal, 2022, 289, 3360-3373.	4.7	23
2	In situ cryo-electron tomography reveals local cellular machineries for axon branch development. Journal of Cell Biology, 2022, 221, .	5.2	15
3	Reconstitution of contractile actomyosin rings in vesicles. Nature Communications, 2021, 12, 2254.	12.8	74
4	Structural insights into integrin $\alpha 5 \beta 1$ opening by fibronectin ligand. Science Advances, 2021, 7, .	10.3	56
5	Cytoskeleton and Membrane Organization at Axon Branches. Frontiers in Cell and Developmental Biology, 2021, 9, 707486.	3.7	8
6	Mitochondrial dysfunction generates aggregates that resist lysosomal degradation in human breast cancer cells. Cell Death and Disease, 2020, 11, 460.	6.3	16
7	Phosphoinositides regulate force-independent interactions between talin, vinculin, and actin. ELife, 2020, 9, .	6.0	39
8	The Architecture of Talin1 Reveals an Autoinhibition Mechanism. Cell, 2019, 179, 120-131.e13.	28.9	93
9	Membrane association and remodeling by intraflagellar transport protein IFT172. Nature Communications, 2018, 9, 4684.	12.8	28
10	Direct induction of microtubule branching by microtubule nucleation factor SSNA1. Nature Cell Biology, 2018, 20, 1172-1180.	10.3	48
11	Structural Biology of Cell Shape Formation. Biophysical Journal, 2018, 114, 11a.	0.5	0
12	Kank2 activates talin, reduces force transduction across integrins and induces central adhesion formation. Nature Cell Biology, 2016, 18, 941-953.	10.3	144
13	Structural insights into the cooperative remodeling of membranes by amphiphysin/BIN1. Scientific Reports, 2015, 5, 15452.	3.3	44
14	Side-binding proteins modulate actin filament dynamics. ELife, 2015, 4, .	6.0	23
15	Structural basis for the extended CAP-Gly domains of p150 ^{glued} binding to microtubules and the implication for tubulin dynamics. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11347-11352.	7.1	39
16	Architecture and ssDNA interaction of the Timeless-Tipin-RPA complex. Nucleic Acids Research, 2014, 42, 12912-12927.	14.5	25
17	Cofilin recruits F-actin to SPCA1 and promotes Ca ²⁺ -mediated secretory cargo sorting. Journal of Cell Biology, 2014, 206, 635-654.	5.2	37
18	Conformational Switching in PolyGln Amyloid Fibrils Resulting from a Single Amino Acid Insertion. Biophysical Journal, 2014, 106, 2134-2142.	0.5	3

#	ARTICLE	IF	CITATIONS
19	Molecular Basis of Tubulin Transport Within the Cilium by IFT74 and IFT81. <i>Science</i> , 2013, 341, 1009-1012.	12.6	271
20	Cryoem Studies of Membrane-Protein Interactions. <i>Biophysical Journal</i> , 2013, 104, 206a-207a.	0.5	0
21	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> , 2013, 110, E2441-50.	7.1	40
22	$\hat{1}\pm$ -Synuclein Oligomers with Broken Helical Conformation Form Lipoprotein Nanoparticles. <i>Journal of Biological Chemistry</i> , 2013, 288, 17620-17630.	3.4	64
23	Structural basis for iron piracy by pathogenic <i>Neisseria</i> . <i>Nature</i> , 2012, 483, 53-58.	27.8	239
24	Remodeling of Lipid Vesicles into Cylindrical Micelles by $\hat{1}\pm$ -Synuclein in an Extended $\hat{1}\pm$ -Helical Conformation. <i>Journal of Biological Chemistry</i> , 2012, 287, 29301-29311.	3.4	99
25	Structural Studies of Ciliary Components. <i>Journal of Molecular Biology</i> , 2012, 422, 163-180.	4.2	69
26	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> , 2011, 108, 3252-3257.	7.1	73
27	Multiple Modes of Endophilin-mediated Conversion of Lipid Vesicles into Coated Tubes. <i>Journal of Biological Chemistry</i> , 2010, 285, 23351-23358.	3.4	44
28	Membrane Curvature Induction and Tubulation Are Common Features of Synucleins and Apolipoproteins. <i>Journal of Biological Chemistry</i> , 2010, 285, 32486-32493.	3.4	278
29	The Antioxidant Transcription Factor Nrf2 Negatively Regulates Autophagy and Growth Arrest Induced by the Anticancer Redox Agent Mitoquinone. <i>Journal of Biological Chemistry</i> , 2010, 285, 34447-34459.	3.4	121
30	Three-dimensional structure of cytoplasmic dynein bound to microtubules. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 20832-20837.	7.1	59
31	Molecular Determination by Electron Microscopy of the Dynein-Microtubule Complex Structure. <i>Journal of Molecular Biology</i> , 2007, 372, 1320-1336.	4.2	7
32	Tau binding to microtubules does not directly affect microtubule-based vesicle motility. <i>Journal of Neuroscience Research</i> , 2007, 85, 2620-2630.	2.9	74
33	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> , 2005, 138, 95-104.	1.7	2
34	Dynein and kinesin share an overlapping microtubule-binding site. <i>EMBO Journal</i> , 2004, 23, 2459-2467.	7.8	114