

# Kazuhisa Nakayama

## List of Publications by Year in descending order

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65  
papers

2,848  
citations

147566

31  
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197535

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67  
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67  
docs citations

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times ranked

3396  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rab11 regulates exocytosis of recycling vesicles at the plasma membrane. <i>Journal of Cell Science</i> , 2012, 125, 4049-57.	1.2	232
2	Architectures of multisubunit complexes revealed by a visible immunoprecipitation assay using fluorescent fusion proteins. <i>Journal of Cell Science</i> , 2015, 128, 2351-2362.	1.2	149
3	Overall Architecture of the Intraflagellar Transport (IFT)-B Complex Containing Cluap1/IFT38 as an Essential Component of the IFT-B Peripheral Subcomplex. <i>Journal of Biological Chemistry</i> , 2016, 291, 10962-10975.	1.6	111
4	Intraflagellar transport-A complex mediates ciliary entry and retrograde trafficking of ciliary G protein-coupled receptors. <i>Molecular Biology of the Cell</i> , 2017, 28, 429-439.	0.9	110
5	Phospholipid Flippase Activities and Substrate Specificities of Human Type IV P-type ATPases Localized to the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2014, 289, 33543-33556.	1.6	109
6	ATP9B, a P4-ATPase (a Putative Aminophospholipid Translocase), Localizes to the trans-Golgi Network in a CDC50 Protein-independent Manner. <i>Journal of Biological Chemistry</i> , 2011, 286, 38159-38167.	1.6	108
7	Ciliary protein trafficking mediated by IFT and BBSome complexes with the aid of kinesin-2 and dynein-2 motors. <i>Journal of Biochemistry</i> , 2018, 163, 155-164.	0.9	100
8	Redundant Roles of BIG2 and BIG1, Guanine-Nucleotide Exchange Factors for ADP-Ribosylation Factors in Membrane Traffic between the trans-Golgi Network and Endosomes. <i>Molecular Biology of the Cell</i> , 2008, 19, 2650-2660.	0.9	85
9	ARF1 and ARF4 regulate recycling endosomal morphology and retrograde transport from endosomes to the Golgi apparatus. <i>Molecular Biology of the Cell</i> , 2013, 24, 2570-2581.	0.9	81
10	RABL2 interacts with the intraflagellar transport-B complex and CEP19 and participates in ciliary assembly. <i>Molecular Biology of the Cell</i> , 2017, 28, 1652-1666.	0.9	74
11	Practical method for targeted disruption of cilia-related genes by using CRISPR/Cas9-mediated, homology-independent knock-in system. <i>Molecular Biology of the Cell</i> , 2017, 28, 898-906.	0.9	73
12	Phospholipid Flippase ATP10A Translocates Phosphatidylcholine and Is Involved in Plasma Membrane Dynamics. <i>Journal of Biological Chemistry</i> , 2015, 290, 15004-15017.	1.6	72
13	Regulation of ciliary retrograde protein trafficking by Joubert syndrome proteins ARL13B and INPP5E. <i>Journal of Cell Science</i> , 2017, 130, 563-576.	1.2	69
14	Functional Cross-Talk between Rab14 and Rab4 through a Dual Effector, RUFY1/Rabip4. <i>Molecular Biology of the Cell</i> , 2010, 21, 2746-2755.	0.9	62
15	ARF1 and ARF3 Are Required for the Integrity of Recycling Endosomes and the Recycling Pathway. <i>Cell Structure and Function</i> , 2012, 37, 141-154.	0.5	60
16	Functional involvement of TMF/ARA160 in Rab6-dependent retrograde membrane traffic. <i>Experimental Cell Research</i> , 2007, 313, 3472-3485.	1.2	56
17	BBS1 is involved in retrograde trafficking of ciliary GPCRs in the context of the BBSome complex. <i>PLoS ONE</i> , 2018, 13, e0195005.	1.1	56
18	Architecture of the IFT ciliary trafficking machinery and interplay between its components. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2020, 55, 179-196.	2.3	56

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19	Structural basis for Arf6-MKLP1 complex formation on the Flemming body responsible for cytokinesis. <i>EMBO Journal</i> , 2012, 31, 2590-2603.	3.5	55
20	The phospholipid flippase ATP9A is required for the recycling pathway from the endosomes to the plasma membrane. <i>Molecular Biology of the Cell</i> , 2016, 27, 3883-3893.	0.9	52
21	Ciliary entry of KIF17 is dependent on its binding to the IFT-B complex via IFT46 and IFT56 as well as on its nuclear localization signal. <i>Molecular Biology of the Cell</i> , 2017, 28, 624-633.	0.9	50
22	Interaction of heterotrimeric kinesin-II with IFT-B connecting tetramer is crucial for ciliogenesis. <i>Journal of Cell Biology</i> , 2018, 217, 2867-2876.	2.3	50
23	Ciliopathy-associated mutations of IFT122 impair ciliary protein trafficking but not ciliogenesis. <i>Human Molecular Genetics</i> , 2018, 27, 516-528.	1.4	46
24	Arfaptins Are Localized to the trans-Golgi by Interaction with Arl1, but Not Arfs. <i>Journal of Biological Chemistry</i> , 2011, 286, 11569-11578.	1.6	44
25	Modulation of primary cilia length by melanin-concentrating hormone receptor 1. <i>Cellular Signalling</i> , 2016, 28, 572-584.	1.7	44
26	Phospholipid flippase ATP11C is endocytosed and downregulated following Ca <sup>2+</sup> -mediated protein kinase C activation. <i>Nature Communications</i> , 2017, 8, 1423.	5.8	44
27	Interaction of WDR60 intermediate chain with TCTEX1D2 light chain of the dynein-2 complex is crucial for ciliary protein trafficking. <i>Molecular Biology of the Cell</i> , 2018, 29, 1628-1639.	0.9	42
28	Phospholipid flipping activity of P4-ATPase drives membrane curvature. <i>EMBO Journal</i> , 2018, 37, .	3.5	41
29	Cooperation of the IFT-A complex with the IFT-B complex is required for ciliary retrograde protein trafficking and GPCR import. <i>Molecular Biology of the Cell</i> , 2021, 32, 45-56.	0.9	41
30	Requirement of IFT-B-BBSome complex interaction in export of GPR161 from cilia. <i>Biology Open</i> , 2019, 8, .	0.6	38
31	Interactions of the dynein-2 intermediate chain WDR34 with the light chains are required for ciliary retrograde protein trafficking. <i>Molecular Biology of the Cell</i> , 2019, 30, 658-670.	0.9	38
32	Three Homologous ArfGAPs Participate in Coat Protein I-mediated Transport. <i>Journal of Biological Chemistry</i> , 2009, 284, 13948-13957.	1.6	34
33	Robust interaction of IFT70 with IFT52 and IFT88 in the IFT-B complex is required for ciliogenesis. <i>Biology Open</i> , 2018, 7, .	0.6	33
34	Differential Effects of Depletion of ARL1 and ARFRP1 on Membrane Trafficking between the trans-Golgi Network and Endosomes. <i>Journal of Biological Chemistry</i> , 2009, 284, 10583-10592.	1.6	31
35	Distinct roles of Rab11 and Arf6 in the regulation of Rab11-FIP3/arfophilin-1 localization in mitotic cells. <i>Genes To Cells</i> , 2011, 16, 938-950.	0.5	31
36	Structural Basis for Membrane Binding Specificity of the Bin/Amphiphysin/Rvs (BAR) Domain of Arfaptin-2 Determined by Arl1 GTPase. <i>Journal of Biological Chemistry</i> , 2012, 287, 25478-25489.	1.6	31

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37	GBF1-Arf-COPI-ArfGAP-mediated Golgi-to-ER Transport Involved in Regulation of Lipid Homeostasis. <i>Cell Structure and Function</i> , 2011, 36, 223-235.	0.5	25
38	Impaired cooperation between IFT74/BBS22/IFT81 and IFT25/IFT27/BBS19 causes Bardet-Biedl syndrome. <i>Human Molecular Genetics</i> , 2022, 31, 1681-1693.	1.4	24
39	Interaction of INPP5E with ARL13B is essential for its ciliary membrane retention but dispensable for its ciliary entry. <i>Biology Open</i> , 2021, 10, .	0.6	23
40	Visible Immunoprecipitation (VIP) Assay: a Simple and Versatile Method for Visual Detection of Protein-protein Interactions. <i>Bio-protocol</i> , 2018, 8, e2687.	0.2	23
41	<sc>GM</sc> 130 is a parallel tetramer with a flexible rod-like structure and N-terminally open (Y-shaped) and closed (I-shaped) conformations. <i>FEBS Journal</i> , 2015, 282, 2232-2244.	2.2	22
42	Regulation of cytokinesis by membrane trafficking involving small GTPases and the ESCRT machinery. <i>Critical Reviews in Biochemistry and Molecular Biology</i> , 2016, 51, 1-6.	2.3	21
43	Anterograde trafficking of ciliary MAP kinase-like ICK/CILK1 by the intraflagellar transport machinery is required for intraciliary retrograde protein trafficking. <i>Journal of Biological Chemistry</i> , 2020, 295, 13363-13376.	1.6	21
44	SNAP23/25 and VAMP2 mediate exocytic event of transferrin receptor-containing recycling vesicles. <i>Biology Open</i> , 2015, 4, 910-920.	0.6	20
45	Practical method for superresolution imaging of primary cilia and centrioles by expansion microscopy using an antibody for fluorescence signal amplification. <i>Molecular Biology of the Cell</i> , 2020, 31, 2195-2206.	0.9	20
46	Class I Arfs (Arf1 and Arf3) and Arf6 are localized to the Flemming body and play important roles in cytokinesis. <i>Journal of Biochemistry</i> , 2016, 159, 201-208.	0.9	19
47	Molecular basis of ciliary defects caused by compound heterozygous <i>IFT144</i> and <i>WDR19</i> mutations found in cranioectodermal dysplasia. <i>Human Molecular Genetics</i> , 2021, 30, 213-225.	1.4	19
48	Recruitment of Tom1L1/Scasm to Endosomes and the Midbody by Tsg101. <i>Cell Structure and Function</i> , 2008, 33, 91-100.	0.5	19
49	Formation of the B9-domain protein complex MKS1/B9D2/B9D1 is essential as a diffusion barrier for ciliary membrane proteins. <i>Molecular Biology of the Cell</i> , 2020, 31, 2259-2268.	0.9	17
50	The N- or C-terminal cytoplasmic regions of P4-ATPases determine their cellular localization. <i>Molecular Biology of the Cell</i> , 2020, 31, 2115-2124.	0.9	17
51	ATP11C mutation is responsible for the defect in phosphatidylserine uptake in UPS-1 cells. <i>Journal of Lipid Research</i> , 2015, 56, 2151-2157.	2.0	16
52	Mitosis-Coupled, Microtubule-Dependent Clustering of Endosomal Vesicles around Centrosomes. <i>Cell Structure and Function</i> , 2013, 38, 31-41.	0.5	16
53	ARL3 and ARL13B GTPases participate in distinct steps of INPP5E targeting to the ciliary membrane. <i>Biology Open</i> , 2021, 10, .	0.6	14
54	Alteration of transbilayer phospholipid compositions is involved in cell adhesion, cell spreading, and focal adhesion formation. <i>FEBS Letters</i> , 2016, 590, 2138-2145.	1.3	13

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55	ATPase reaction cycle of P4â€ATPases affects their transport from the endoplasmic reticulum. FEBS Letters, 2020, 594, 412-423.	1.3	13
56	EFA6 activates Arf6 and participates in its targeting to the Flemming body during cytokinesis. FEBS Letters, 2013, 587, 1617-1623.	1.3	12
57	C11ORF74 interacts with the IFT-A complex and participates in ciliary BBSome localization. Journal of Biochemistry, 2019, 165, 257-267.	0.9	12
58	Molecular Basis for Autoregulatory Interaction Between GAE Domain and Hinge Region of GGA1. Traffic, 2007, 8, 904-913.	1.3	11
59	COPI-mediated retrieval of SCAP is critical for regulating lipogenesis under basal and sterol-deficient conditions. Journal of Cell Science, 2015, 128, 2805-15.	1.2	11
60	Mechanisms of Membrane Curvature Generation in Membrane Traffic. Membranes, 2012, 2, 118-133.	1.4	10
61	C-terminal cytoplasmic region of ATP11C variant determines its localization at the polarized plasma membrane. Journal of Cell Science, 2019, 132, .	1.2	6
62	The interaction of ATP11C-b with ezrin contributes to its polarized localization. Journal of Cell Science, 2021, 134, .	1.2	4
63	CCRK/CDK20 regulates ciliary retrograde protein trafficking via interacting with BROMI/TBC1D32. PLoS ONE, 2021, 16, e0258497.	1.1	4
64	Combinations of deletion and missense variations of the dynein-2 DYNC2LI1 subunit found in skeletal ciliopathies cause ciliary defects. Scientific Reports, 2022, 12, 31.	1.6	4
65	ATP9B, a P4-ATPase (a putative aminophospholipid translocase), localizes to the trans-Golgi network in a CDC50 protein-independent manner.. Journal of Biological Chemistry, 2015, 290, 886.	1.6	1