# Akihiro Harada

List of Publications by Year
in descending order



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|---|---|---|---|
| 42 papers | 3,469 citations | 257450 24 h-index | 276875 41 g-index |
| 43 all docs | 43 docs citations | 43 times ranked | 6195 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Transcriptional Induction of Mammalian ER Quality Control Proteins Is Mediated by Single or Combined Action of ATF6Î± and XBP1. Developmental Cell, 2007, 13, 365-376. | 7.0 | 876 |
| 2 | The Rab8 GTPase regulates apical protein localization in intestinal cells. Nature, 2007, 448, 366-369. | 27.8 | 307 |
| 3 | MAP2 is required for dendrite elongation, PKA anchoring in dendrites, and proper PKA signal transduction. Journal of Cell Biology, 2002, 158, 541-549. | 5.2 | 297 |
| 4 | Defect in Synaptic Vesicle Precursor Transport and Neuronal Cell Death in KIF1A Motor Proteinâ€“deficient Mice. Journal of Cell Biology, 1998, 141, 431-441. | 5.2 | 269 |
| 5 | Synergistic effects of MAP2 and MAP1B knockout in neuronal migration, dendritic outgrowth, and microtubule organization. Journal of Cell Biology, 2001, 155, 65-76. | 5.2 | 256 |
| 6 | LRRK2 and its substrate Rab GTPases are sequentially targeted onto stressed lysosomes and maintain their homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E9115-E9124. | 7.1 | 222 |
| 7 | Vesicular and non-vesicular transport feed distinct glycosylation pathways in the Golgi. Nature, 2013, 501, 116-120. | 27.8 | 136 |
| 8 | Rab8a and Rab8b are essential for multiple apical transport pathways but insufficient for ciliogenesis. Journal of Cell Science, 2013, 127, 422-31. | 2.0 | 102 |
| 9 | Rab11 is required for synchronous secretion of chondroitin proteoglycans after fertilization inCaenorhabditis elegans. Journal of Cell Science, 2008, 121, 3177-3186. | 2.0 | 90 |
| 10 | Rab11a is required for apical protein localisation in the intestine. Biology Open, 2015, 4, 86-94. | 1.2 | 78 |
| 11 | The activity of Sac1 across ERâ€“TGN contact sites requires the four-phosphate-adaptor-protein-1. Journal of Cell Biology, 2019, 218, 783-797. | 5.2 | 75 |
| 12 | Chloroquine-Inducible Par-4 Secretion Is Essential for Tumor Cell Apoptosis and Inhibition of Metastasis. Cell Reports, 2017, 18, 508-519. | 6.4 | 61 |
| 13 | Mutations in the pH-Sensing G-protein-Coupled Receptor GPR68 Cause Amelogenesis Imperfecta. American Journal of Human Genetics, 2016, 99, 984-990. | 6.2 | 56 |
| 14 | Caenorhabditis elegansSNAP-29 is required for organellar integrity of the endomembrane system and general exocytosis in intestinal epithelial cells. Molecular Biology of the Cell, 2011, 22, 2579-2587. | 2.1 | 53 |
| 15 | Rab8a vesicles regulate Wnt ligand delivery and Paneth cell maturation at the intestinal stem cell niche. Development (Cambridge), 2015, 142, 2147-2162. | 2.5 | 48 |
| 16 | UPR transducer BBF2H7 allows export of type II collagen in a cargo- and developmental stageâ€“specific manner. Journal of Cell Biology, 2017, 216, 1761-1774. | 5.2 | 48 |
| 17 | Neuronal SIRT1 regulates macronutrient-based diet selection through FGF21 and oxytocin signalling in mice. Nature Communications, 2018, 9, 4604. | 12.8 | 46 |
| 18 | EHBP1L1 coordinates Rab8 and Bin1 to regulate apical-directed transport in polarized epithelial cells. Journal of Cell Biology, 2016, 212, 297-306. | 5.2 | 44 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | The Rab11-binding protein RELCH/KIAA1468 controls intracellular cholesterol distribution. Journal of Cell Biology, 2018, 217, 1777-1796. | 5.2 | 43 |
| 20 | Caenorhabditis eleganschaperonin CCT/TRiC is required for actin and tubulin biogenesis and microvillus formation in intestinal epithelial cells. Molecular Biology of the Cell, 2014, 25, 3095-3104. | 2.1 | 37 |
| 21 | The Role of VAMP7/TIâ€VAMP in Cell Polarity and Lysosomal Exocytosis in vivo. Traffic, 2011, 12, 1383-1393. | 2.7 | 29 |
| 22 | Rab8b Regulates Transport of West Nile Virus Particles from Recycling Endosomes. Journal of Biological Chemistry, 2016, 291, 6559-6568. | 3.4 | 28 |
| 23 | Developmental changes of synapsin I subcellular localization in rat cerebellar neurons.. Cell Structure and Function, 1990, 15, 329-342. | 1.1 | 28 |
| 24 | Trans-regulation of oligodendrocyte myelination by neurons through small GTPase Arf6-regulated secretion of fibroblast growth factor-2. Nature Communications, 2014, 5, 4744. | 12.8 | 26 |
| 25 | VAMP7 Regulates Autophagy to Maintain Mitochondrial Homeostasis and to Control Insulin Secretion in Pancreatic Î²-Cells. Diabetes, 2016, 65, 1648-1659. | 0.6 | 23 |
| 26 | Palmitoylated CKAP4 regulates mitochondrial functions through an interaction with VDAC2 at ERâ€“mitochondria contact sites. Journal of Cell Science, 2020, 133, . | 2.0 | 23 |
| 27 | Uncovering genes required for neuronal morphology by morphologyâ€based gene trap screening with a revertible retrovirus vector. FASEB Journal, 2012, 26, 4662-4674. | 0.5 | 22 |
| 28 | Opposing roles for SNAP23 in secretion in exocrine and endocrine pancreatic cells. Journal of Cell Biology, 2016, 215, 121-138. | 5.2 | 21 |
| 29 | VAMP7 Regulates Autophagosome Formation by Supporting Atg9a Functions in Pancreatic Î²-Cells From Male Mice. Endocrinology, 2018, 159, 3674-3688. | 2.8 | 20 |
| 30 | Roles of Collagen XXV and Its Putative Receptors PTPÏƒ/Î´ in Intramuscular Motor Innervation and Congenital Cranial Dysinnervation Disorder. Cell Reports, 2019, 29, 4362-4376.e6. | 6.4 | 16 |
| 31 | A novel non-canonical Notch signaling regulates expression of synaptic vesicle proteins in excitatory neurons. Scientific Reports, 2016, 6, 23969. | 3.3 | 13 |
| 32 | Rab11-mediated post-Golgi transport of the sialyltransferase ST3GAL4 suggests a new mechanism for regulating glycosylation. Journal of Biological Chemistry, 2021, 296, 100354. | 3.4 | 13 |
| 33 | C11ORF74 interacts with the IFT-A complex and participates in ciliary BBSome localization. Journal of Biochemistry, 2019, 165, 257-267. | 1.7 | 12 |
| 34 | BIG1 is required for the survival of deep layer neurons, neuronal polarity, and the formation of axonal tracts between the thalamus and neocortex in developing brain. PLoS ONE, 2017, 12, e0175888. | 2.5 | 11 |
| 35 | Functional redundancy of protein kinase D1 and protein kinase D2 in neuronal polarity. Neuroscience Research, 2015, 95, 12-20. | 1.9 | 9 |
| 36 | SNAP23 deficiency causes severe brain dysplasia through the loss of radial glial cell polarity. Journal of Cell Biology, 2021, 220, . | 5.2 | 9 |

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|---|---|---|---|
| 37 | The Role of PKD in Cell Polarity, Biosynthetic Pathways, and Organelle/F-actin Distribution. Cell Structure and Function, 2014, 39, 61-77. | 1.1 | 8 |
| 38 | Molecular mechanism of polarized transport. Journal of Biochemistry, 2010, 147, 619-624. | 1.7 | 6 |
| 39 | Impaired actin dynamics and suppression of Shank2-mediated spine enlargement in cortactin knockout mice. Microscopy (Oxford, England), 2020, 69, 44-52. | 1.5 | 5 |
| 40 | The Hypothalamic Paraventricular Nucleus Is the Center of the Hypothalamicâ€“Pituitaryâ€“Thyroid Axis for Regulating Thyroid Hormone Levels. Thyroid, 2021, , . | 4.5 | 2 |
| 41 | Loss of Rab6a in the small intestine causes lipid accumulation and epithelial cell death from lactation. FASEB Journal, 2020, 34, 9450-9465. | 0.5 | 1 |
| 42 | A Novel Contact by a Novel Protein Complex Supports Cholesterol Transport to the Endoplasmic Reticulum. Contact (Thousand Oaks (Ventura County, Calif )), 2018, 1, 251525641877968. | 1.3 | 0 |