A Membrane Coat Complex Essential for Endosome-to-

Journal of Cell Biology 142, 665-681 DOI: 10.1083/jcb.142.3.665

Citation Report

| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Novel pathways, membrane coats and PI kinase regulation in yeast lysosomal trafficking. Seminars in Cell and Developmental Biology, 1998, 9, 527-533. | 5.0 | 48 |
| 2 | Coat Proteins Regulating Membrane Traffic. International Review of Cytology, 1999, 195, 67-144. | 6.2 | 75 |
| 3 | Distinct Domains within Vps35p Mediate the Retrieval of Two Different Cargo Proteins from the Yeast Prevacuolar/Endosomal Compartment. Molecular Biology of the Cell, 1999, 10, 875-890. | 2.1 | 114 |
| 4 | Direct Interaction of the trans-Golgi Network Membrane Protein, TGN38, with the F-actin Binding Protein, Neurabin. Journal of Biological Chemistry, 1999, 274, 30080-30086. | 3.4 | 43 |
| 5 | Role for Drs2p, a P-Type Atpase and Potential Aminophospholipid Translocase, in Yeast Late Golgi Function. Journal of Cell Biology, 1999, 147, 1223-1236. | 5.2 | 241 |
| 6 | The ins and outs of yeast vacuole trafficking. Protoplasma, 1999, 209, 9-18. | 2.1 | 7 |
| 7 | Intracellular membrane traffic: getting proteins sorted. The 1999 Croonian Lecture. Philosophical Transactions of the Royal Society B: Biological Sciences, 1999, 354, 1471-1478. | 4.0 | 22 |
| 8 | The Yeast <i>GRD20</i> Gene Is Required for Protein Sorting in the <i>trans</i> -Golgi Network/Endosomal System and for Polarization of the Actin Cytoskeleton. Molecular Biology of the Cell, 1999, 10, 4263-4281. | 2.1 | 69 |
| 9 | Functional morphology of the secretory pathway organelles in yeast. Microscopy Research and Technique, 2000, 51, 530-546. | 2.2 | 14 |
| 10 | Endocytotic uptake and retrograde transport of a virally encoded killer toxin in yeast. Molecular Microbiology, 2000, 37, 926-940. | 2.5 | 79 |
| 11 | Overexpression of a Novel Sorting Nexin, SNX15, Affects Endosome Morphology and Protein Trafficking. Traffic, 2000, 1, 904-916. | 2.7 | 47 |
| 12 | Vps52p, Vps53p, and Vps54p Form a Novel Multisubunit Complex Required for Protein Sorting at the Yeast Late Golgi. Molecular Biology of the Cell, 2000, 11, 305-323. | 2.1 | 254 |
| 13 | Specific Retrieval of the Exocytic SNARE Snc1p from Early Yeast Endosomes. Molecular Biology of the Cell, 2000, 11, 23-38. | 2.1 | 326 |
| 14 | Luv1p/Rki1p/Tcs3p/Vps54p, a Yeast Protein That Localizes to the Late Golgi and Early Endosome, Is Required for Normal Vacuolar Morphology Molecular Biology of the Cell, 2000, 11, 2429-2443. | 2.1 | 51 |
| 15 | Alternative protein sorting pathways. International Review of Cytology, 2000, 198, 153-201. | 6.2 | 15 |
| 16 | Human Orthologs of Yeast Vacuolar Protein Sorting Proteins Vps26, 29, and 35: Assembly into Multimeric Complexes. Molecular Biology of the Cell, 2000, 11, 4105-4116. | 2.1 | 267 |
| 17 | Asnc1Endocytosis Mutant: Phenotypic Analysis and Suppression by Overproduction of Dihydrosphingosine Phosphate Lyase. Molecular Biology of the Cell, 2000, 11, 4051-4065. | 2.1 | 41 |
| 18 | Sorting of Yeast Membrane Proteins into an Endosome-to-Golgi Pathway Involves Direct Interaction of Their Cytosolic Domains with Vps35p. Journal of Cell Biology, 2000, 151, 297-310. | 5.2 | 181 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | A Selective Transport Route from Golgi to Late Endosomes That Requires the Yeast Gga Proteins. Journal of Cell Biology, 2000, 151, 587-600. | 5.2 | 143 |
| 20 | Human Homologues of Yeast Vacuolar Protein Sorting 29 and 35. Biochemical and Biophysical Research Communications, 2000, 277, 622-630. | 2.1 | 32 |
| 21 | Cloning and Characterization of Human VPS35 and Mouse Vps35 and Mapping of VPS35 to Human Chromosome 16q13–q21. Genomics, 2000, 70, 253-257. | 2.9 | 14 |
| 22 | Targeting of lysosomal proteins. Seminars in Cell and Developmental Biology, 2000, 11, 165-171. | 5.0 | 37 |
| 23 | Duplication of genes encoding non-clathrin coat protein Î ³ -COP in vertebrate, insect and plant evolution. FEBS Letters, 2000, 482, 31-36. | 2.8 | 10 |
| 24 | Sorting in the endosomal system in yeast and animal cells. Current Opinion in Cell Biology, 2000, 12, 457-466. | 5.4 | 188 |
| 25 | Protein sorting signals and prediction of subcellular localization. Advances in Protein Chemistry, 2000, 54, 277-344. | 4.4 | 277 |
| 26 | Autophagy, Cytoplasm-to-Vacuole Targeting Pathway, and Pexophagy in Yeast and Mammalian Cells. Annual Review of Biochemistry, 2000, 69, 303-342. | 11.1 | 343 |
| 27 | Ric1p and the Ypt6p GTPase Function in a Common Pathway Required for Localization of <i>Trans</i> -Golgi Network Membrane Proteins. Molecular Biology of the Cell, 2001, 12, 13-26. | 2.1 | 70 |
| 28 | Location, Location, Location: Membrane Targeting Directed by PX Domains. Science, 2001, 294, 1881-1885. | 12.6 | 235 |
| 29 | Phox Homology Domains Specifically Bind Phosphatidylinositol Phosphates. Biochemistry, 2001, 40, 8940-8944. | 2.5 | 121 |
| 30 | The Phox homology (PX) domain, a new player in phosphoinositide signalling. Biochemical Journal, 2001, 360, 513-530. | 3.7 | 122 |
| 31 | A large family of endosome-localized proteins related to sorting nexin 1. Biochemical Journal, 2001, 358, 7. | 3.7 | 104 |
| 32 | The Phox homology (PX) domain, a new player in phosphoinositide signalling. Biochemical Journal, 2001, 360, 513. | 3.7 | 94 |
| 33 | Late Endosomes: Sorting and Partitioning in Multivesicular Bodies. Traffic, 2001, 2, 612-621. | 2.7 | 181 |
| 34 | The molecular machinery for lysosome biogenesis*. BioEssays, 2001, 23, 333-343. | 2.5 | 183 |
| 35 | Trans-Golgi network sorting. Cellular and Molecular Life Sciences, 2001, 58, 1067-1084. | 5.4 | 158 |
| 36 | PX domains: attracted by phosphoinositides. Nature Cell Biology, 2001, 3, E179-E181. | 10.3 | 69 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 37 | The origin of CDK regulation. Nature Cell Biology, 2001, 3, E182-E184. | 10.3 | 43 |
| 38 | The endocytic pathway: a mosaic of domains. Nature Reviews Molecular Cell Biology, 2001, 2, 721-730. | 37.0 | 640 |
| 39 | Membrane transport: Retromer to the rescue. Current Biology, 2001, 11, R109-R111. | 3.9 | 35 |
| 40 | Vesicular transport and the golgi apparatus in yeast. Journal of Bioscience and Bioengineering, 2001, 91, 1-11. | 2.2 | 10 |
| 41 | The yeast mutant vps5Â affected in the recycling of Golgi membrane proteins displays an enhanced vacuolar Mg2+/H+ exchange activity. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 9660-9665. | 7.1 | 21 |
| 42 | Inhibition of Transferrin Recycling and Endosome Tubulation by Phospholipase A2 Antagonists. Journal of Biological Chemistry, 2001, 276, 47361-47370. | 3.4 | 64 |
| 43 | A Novel Mechanism for Localizing Membrane Proteins to YeastTrans-Golgi Network Requires Function of Synaptojanin-like Protein. Molecular Biology of the Cell, 2001, 12, 3175-3190. | 2.1 | 22 |
| 44 | A Family of Small Coiled-Coil–forming Proteins Functioning at the Late Endosome in Yeast. Molecular Biology of the Cell, 2001, 12, 711-723. | 2.1 | 73 |
| 45 | Association of Mouse Sorting Nexin 1 with Early Endosomes. Journal of Biochemistry, 2001, 130, 765-771. | 1.7 | 22 |
| 46 | Structural Requirements for Function of Yeast GGAs in Vacuolar Protein Sorting, α-Factor Maturation, and Interactions with Clathrin. Molecular and Cellular Biology, 2001, 21, 7981-7994. | 2.3 | 57 |
| 47 | All Phox Homology (PX) Domains from Saccharomyces cerevisiae Specifically Recognize Phosphatidylinositol 3-Phosphate. Journal of Biological Chemistry, 2001, 276, 44179-44184. | 3.4 | 187 |
| 48 | Sorting Nexin 6, a Novel SNX, Interacts with the Transforming Growth Factor-Î ² Family of Receptor Serine-Threonine Kinases. Journal of Biological Chemistry, 2001, 276, 19332-19339. | 3.4 | 119 |
| 49 | Identification and Characterization of SNX15, a Novel Sorting Nexin Involved in Protein Trafficking. Journal of Biological Chemistry, 2001, 276, 5074-5084. | 3.4 | 75 |
| 50 | ADP-ribosylation factors (ARFs) and ARF-like 1 (ARL1) Have Both Specific and Shared Effectors. Journal of Biological Chemistry, 2001, 276, 22826-22837. | 3.4 | 148 |
| 51 | Hrs Interacts with Sorting Nexin 1 and Regulates Degradation of Epidermal Growth Factor Receptor. Journal of Biological Chemistry, 2001, 276, 7069-7078. | 3.4 | 172 |
| 52 | Yeast Rab GTPase-activating Protein Gyp1p Localizes to the Golgi Apparatus and Is a Negative Regulator of Ypt1p. Molecular Biology of the Cell, 2001, 12, 1215-1226. | 2.1 | 70 |
| 53 | Vps26p, a Component of Retromer, Directs the Interactions of Vps35p in Endosome-to-Golgi Retrieval. Molecular Biology of the Cell, 2001, 12, 3242-3256. | 2.1 | 96 |
| 54 | Rer1p, a Retrieval Receptor for Endoplasmic Reticulum Membrane Proteins, Is Dynamically Localized to the Golgi Apparatus by Coatomer. Journal of Cell Biology, 2001, 152, 935-944. | 5.2 | 135 |

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 55 | The Gcs1 and Age2 ArfGAP proteins provide overlapping essential function for transport from the yeast trans-Golgi network. Journal of Cell Biology, 2001, 155, 1239-1250. | 5.2 | 74 |
| 56 | Structural and Functional Characterization of the Human Gene for Sorting Nexin 1 (SNX1). DNA and Cell Biology, 2001, 20, 287-296. | 1.9 | 1 |
| 57 | Endosomal localization and function of sorting nexin 1. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 6767-6772. | 7.1 | 137 |
| 58 | Vps10p Cycles between the TGN and the Late Endosome via the Plasma Membrane in Clathrin Mutants. Molecular Biology of the Cell, 2002, 13, 4296-4307. | 2.1 | 22 |
| 59 | Identification of the Functional Domains of Yeast Sorting Nexins Vps5p and Vps17p. Molecular Biology of the Cell, 2002, 13, 2826-2840. | 2.1 | 95 |
| 60 | Down-Regulation of Protease-activated Receptor-1 Is Regulated by Sorting Nexin 1. Molecular Biology of the Cell, 2002, 13, 1965-1976. | 2.1 | 128 |
| 61 | EGF receptor downregulation depends on a trafficking motif in the distal tyrosine kinase domain. American Journal of Physiology - Cell Physiology, 2002, 282, C420-C433. | 4.6 | 32 |
| 62 | Retromer function in endosome-to-Golgi retrograde transport is regulated by the yeast Vps34 PtdIns 3-kinase. Journal of Cell Science, 2002, 115, 3889-3900. | 2.0 | 201 |
| 63 | Huntingtin-associated Protein 1 Interacts with Hepatocyte Growth Factor-regulated Tyrosine Kinase Substrate and Functions in Endosomal Trafficking. Journal of Biological Chemistry, 2002, 277, 28212-28221. | 3.4 | 88 |
| 64 | Genetic Analysis of Sorting Nexins 1 and 2 Reveals a Redundant and Essential Function in Mice. Molecular Biology of the Cell, 2002, 13, 3588-3600. | 2.1 | 77 |
| 65 | Secretory Pathway of Trypanosomatid Parasites. Microbiology and Molecular Biology Reviews, 2002, 66, 122-154. | 6.6 | 207 |
| 66 | Expression of a novel member of sorting nexin gene family, SNX-L, in human liver development. Biochemical and Biophysical Research Communications, 2002, 299, 542-548. | 2.1 | 18 |
| 67 | The Yeast Clathrin Adaptor Protein Complex 1 Is Required for the Efficient Retention of a Subset of Late Golgi Membrane Proteins. Developmental Cell, 2002, 2, 283-294. | 7.0 | 197 |
| 68 | Protein Transport to the Yeast Vacuole. , 2002, , 322-357. | | 5 |
| 69 | Hermansky–Pudlak Syndrome: Vesicle Formation from Yeast to Man. Pigment Cell & Melanoma Research, 2002, 15, 405-419. | 3.6 | 102 |
| 70 | Characterization of Novel Rab6-Interacting Proteins Involved in Endosome-to-TGN Transport. Traffic, 2002, 3, 289-297. | 2.7 | 145 |
| 71 | Sorting out the cellular functions of sorting nexins. Nature Reviews Molecular Cell Biology, 2002, 3, 919-931. | 37.0 | 371 |
| 72 | Protein-protein interactions in the secretory pathway, a growing demand for experimental approaches in vivo. Plant Molecular Biology, 2002, 50, 887-902. | 3.9 | 7 |

| # 73 | ARTICLE Insights from yeast endosomes. Current Opinion in Cell Biology, 2002, 14, 454-462. | IF 5.4 | Citations |
|---------|---|-----------|-----------|
| 74 | Retromer and the sorting nexins Snx4/41/42 mediate distinct retrieval pathways from yeast endosomes. EMBO Journal, 2003, 22, 548-557. | 7.8 | 188 |
| 75 | Sorting motifs in receptor trafficking. Advanced Drug Delivery Reviews, 2003, 55, 1405-1419. | 13.7 | 37 |
| 76 | Heterologous expression and characterization of Schizosaccharomyces pombe vacuolar carboxypeptidase Y in Saccharomyces cerevisiae. Current Genetics, 2003, 42, 252-259. | 1.7 | 11 |
| 77 | Intracellular sorting and transport of proteins. Progress in Biophysics and Molecular Biology, 2003, 83, 1-45. | 2.9 | 111 |
| 78 | Control of eukaryotic membrane fusion by N-terminal domains of SNARE proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2003, 1641, 111-119. | 4.1 | 44 |
| 79 | Phosphoinositide Recognition Domains. Traffic, 2003, 4, 201-213. | 2.7 | 500 |
| 80 | Dynamics of Endosomal Sorting. International Review of Cytology, 2003, 232, 1-57. | 6.2 | 42 |
| 81 | Membrane dynamics and the biogenesis of lysosomes (Review). Molecular Membrane Biology, 2003, 20, 141-154. | 2.0 | 132 |
| 82 | Biochemical and Genetic Evidence for the Involvement of Yeast Ypt6-GTPase in Protein Retrieval to Different Golgi Compartments. Journal of Biological Chemistry, 2003, 278, 791-799. | 3.4 | 65 |
| 83 | The Synaptojanin-like Protein Inp53/Sjl3 Functions with Clathrin in a Yeast TGN-to-Endosome Pathway Distinct from the GGA Protein-dependent Pathway. Molecular Biology of the Cell, 2003, 14, 1319-1333. | 2.1 | 45 |
| 84 | Interaction of Calmodulin, a Sorting Nexin and Kinase-Associated Protein Phosphatase with the Brassica oleracea S Locus Receptor Kinase. Plant Physiology, 2003, 133, 919-929. | 4.8 | 124 |
| 85 | Membrane Recognition and Targeting by Lipid-Binding Domains. Science Signaling, 2003, 2003, re16-re16. | 3.6 | 135 |
| 86 | The GTPase ARF1p Controls the Sequence-Specific Vacuolar Sorting Route to the Lytic Vacuole. Plant Cell, 2003, 15, 1242-1256. | 6.6 | 111 |
| 87 | Active PIKfyve Associates with and Promotes the Membrane Attachment of the Late Endosome-to-trans-Golgi Network Transport Factor Rab9 Effector p40. Journal of Biological Chemistry, 2003, 278, 50863-50871. | 3.4 | 59 |
| 88 | Enterophilin-1, a New Partner of Sorting Nexin 1, Decreases Cell Surface Epidermal Growth Factor Receptor. Journal of Biological Chemistry, 2003, 278, 21155-21161. | 3.4 | 11 |
| 89 | Role of the mammalian retromer in sorting of the cation-independent mannose 6-phosphate receptor. Journal of Cell Biology, 2004, 165, 123-133. | 5.2 | 549 |
| 90 | Mouse amnionless, which is required for primitive streak assembly,mediates cell-surface localization and endocytic function of cubilin on visceral endoderm and kidney proximal tubules. Development (Cambridge), 2004, 131, 4787-4795. | 2.5 | 72 |

| # | Article | IF | CITATIONS |
|---|--|---|--|
| 91 | Essential Role for the Myotubularin-related Phosphatase Ymr1p and the Synaptojanin-like Phosphatases Sjl2p and Sjl3p in Regulation of Phosphatidylinositol 3-Phosphate in Yeast. Molecular Biology of the Cell, 2004, 15, 3567-3579. | 2.1 | 79 |
| 92 | Sorting nexin 5 is localized to a subdomain of the early endosomes and is recruited to the plasma membrane following EGF stimulation. Journal of Cell Science, 2004, 117, 6413-6424. | 2.0 | 64 |
| 93 | Early Stages of the Secretory Pathway, but Not Endosomes, Are Required for Cvt Vesicle and Autophagosome Assembly in Saccharomyces cerevisiae. Molecular Biology of the Cell, 2004, 15, 2189-2204. | 2.1 | 130 |
| 94 | Cargo-selective endosomal sorting for retrieval to the Golgi requires retromer. Journal of Cell Biology, 2004, 165, 111-122. | 5.2 | 563 |
| 95 | Retrograde Transport of the Mannosyltransferase Och1p to the Early Golgi Requires a Component of the COG Transport Complex. Journal of Biological Chemistry, 2004, 279, 39814-39823. | 3.4 | 43 |
| 96 | Rab5-associated Vacuoles Play a Unique Role in Phagocytosis of the Enteric Protozoan Parasite Entamoeba histolytica. Journal of Biological Chemistry, 2004, 279, 49497-49507. | 3.4 | 127 |
| 97 | A Role for Sorting Nexin 2 in Epidermal Growth Factor Receptor Down-regulation: Evidence for Distinct Functions of Sorting Nexin 1 and 2 in Protein Trafficking. Molecular Biology of the Cell, 2004, 15, 2143-2155. | 2.1 | 111 |
| 98 | ArabidopsisuA-adaptin interacts with the tyrosine motif of the vacuolar sorting receptor VSR-PS1. Plant Journal, 2004, 37, 678-693. | 5.7 | 114 |
| 99 | Sorting nexin homologues are targets of phosphatidylinositol 3-phosphate in sporulation of Schizosaccharomyces pombe. Genes To Cells, 2004, 9, 561-574. | 1.2 | 20 |
| | The mammalian retromer regulated transputerie of the polymorie immunoglobulin recentor. Nature | | |
| 100 | Cell Biology, 2004, 6, 763-769. | 10.3 | 134 |
| 100 | Cell Biology, 2004, 6, 763-769. Sorting Nexin-1 Mediates Tubular Endosome-to-TGN Transport through Coincidence Sensing of High- Curvature Membranes and 3-Phosphoinositides. Current Biology, 2004, 14, 1791-1800. | 10.3 3.9 | 134 414 |
| 100 101 102 | Cell Biology, 2004, 6, 763-769. Sorting Nexin-1 Mediates Tubular Endosome-to-TGN Transport through Coincidence Sensing of High- Curvature Membranes and 3-Phosphoinositides. Current Biology, 2004, 14, 1791-1800. The Atg1-Atg13 Complex Regulates Atg9 and Atg23 Retrieval Transport from the Pre-Autophagosomal Structure. Developmental Cell, 2004, 6, 79-90. | 10.3 3.9 7.0 | 134 414 429 |
| 100 101 102 103 | Cell Biology, 2004, 6, 763-769. Sorting Nexin-1 Mediates Tubular Endosome-to-TGN Transport through Coincidence Sensing of High-Curvature Membranes and 3-Phosphoinositides. Current Biology, 2004, 14, 1791-1800. The Atg1-Atg13 Complex Regulates Atg9 and Atg23 Retrieval Transport from the Pre-Autophagosomal Structure. Developmental Cell, 2004, 6, 79-90. Intracellular expression profiling by laser capture microdissection: three novel components of the neuromuscular junction. Physiological Genomics, 2005, 21, 70-80. | 10.3 3.9 7.0 2.3 | 134 414 429 38 |
| 100 101 102 103 104 | Cell Biology, 2004, 6, 763-769. Sorting Nexin-1 Mediates Tubular Endosome-to-TGN Transport through Coincidence Sensing of High- Curvature Membranes and 3-Phosphoinositides. Current Biology, 2004, 14, 1791-1800. The Atg1-Atg13 Complex Regulates Atg9 and Atg23 Retrieval Transport from the Pre-Autophagosomal Structure. Developmental Cell, 2004, 6, 79-90. Intracellular expression profiling by laser capture microdissection: three novel components of the neuromuscular junction. Physiological Genomics, 2005, 21, 70-80. Vps29 has a phosphoesterase fold that acts as a protein interaction scaffold for retromer assembly. Nature Structural and Molecular Biology, 2005, 12, 594-602. | 10.3 3.9 7.0 2.3 8.2 | 134 414 429 38 136 |
| 100 101 102 103 104 105 | Cell Biology, 2004, 6, 763-769. Sorting Nexin-1 Mediates Tubular Endosome-to-TGN Transport through Coincidence Sensing of High-Curvature Membranes and 3-Phosphoinositides. Current Biology, 2004, 14, 1791-1800. The Atg1-Atg13 Complex Regulates Atg9 and Atg23 Retrieval Transport from the Pre-Autophagosomal Structure. Developmental Cell, 2004, 6, 79-90. Intracellular expression profiling by laser capture microdissection: three novel components of the neuromuscular junction. Physiological Genomics, 2005, 21, 70-80. Vps29 has a phosphoesterase fold that acts as a protein interaction scaffold for retromer assembly. Nature Structural and Molecular Biology, 2005, 12, 594-602. Sorting Nexins - Unifying Trends and New Perspectives. Traffic, 2005, 6, 75-82. | 10.3 3.9 7.0 2.3 8.2 2.7 | 134 414 429 38 136 168 |
| 100 101 102 103 104 105 106 | Cell Biology, 2004, 6, 763-769. Sorting Nexin-1 Mediates Tubular Endosome-to-TGN Transport through Coincidence Sensing of High- Curvature Membranes and 3-Phosphoinositides. Current Biology, 2004, 14, 1791-1800. The Atg1-Atg13 Complex Regulates Atg9 and Atg23 Retrieval Transport from the Pre-Autophagosomal Structure. Developmental Cell, 2004, 6, 79-90. Intracellular expression profiling by laser capture microdissection: three novel components of the neuromuscular junction. Physiological Genomics, 2005, 21, 70-80. Vps29 has a phosphoesterase fold that acts as a protein interaction scaffold for retromer assembly. Nature Structural and Molecular Biology, 2005, 12, 594-602. Sorting Nexins - Unifying Trends and New Perspectives. Traffic, 2005, 6, 75-82. A Novel Mammalian Retromer Component, Vps268. Traffic, 2005, 6, 991-1001. | 10.3 3.9 7.0 2.3 8.2 2.7 2.7 | 134 414 429 38 136 168 76 |
| 100 101 102 103 104 105 106 | Cell Biology, 2004, 6, 763-769. Sorting Nexin-1 Mediates Tubular Endosome-to-TGN Transport through Coincidence Sensing of High- Curvature Membranes and 3-Phosphoinositides. Current Biology, 2004, 14, 1791-1800. The Atg1-Atg13 Complex Regulates Atg9 and Atg23 Retrieval Transport from the Pre-Autophagosomal Structure. Developmental Cell, 2004, 6, 79-90. Intracellular expression profiling by laser capture microdissection: three novel components of the neuromuscular junction. Physiological Genomics, 2005, 21, 70-80. Vps29 has a phosphoesterase fold that acts as a protein interaction scaffold for retromer assembly. Nature Structural and Molecular Biology, 2005, 12, 594-602. Sorting Nexins - Unifying Trends and New Perspectives. Traffic, 2005, 6, 75-82. A Novel Mammalian Retromer Component, Vps26B. Traffic, 2005, 6, 991-1001. Protein transport from the late Golgi to the vacuole in the yeast Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular Cell Research, 2005, 1744, 438-454. | 10.3 3.9 7.0 2.3 8.2 2.7 2.7 4.1 | 134 414 429 38 136 168 76 253 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 109 | Abstrakt interacts with and regulates the expression of sorting nexin-2. Journal of Cellular Physiology, 2005, 204, 210-218. | 4.1 | 20 |
| 110 | Modelâ€guided microarray implicates the retromer complex in Alzheimer's disease. Annals of Neurology, 2005, 58, 909-919. | 5.3 | 362 |
| 111 | Multicopy Suppression Screen in the msb3 msb4 Saccharomyces cerevisiae Double Mutant, Affected in Ypt/RabGAP Activity. Biotechnology Letters, 2005, 27, 1439-1449. | 2.2 | 2 |
| 112 | Cell polarity, auxin transport, and cytoskeleton-mediated division planes: who comes first?. Protoplasma, 2005, 226, 67-73. | 2.1 | 21 |
| 113 | PtdIns(3)P accumulation in triple lipid-phosphatase-deletion mutants triggers lethal hyperactivation of the Rho1p/Pkc1p cell-integrity MAP kinase pathway. Journal of Cell Science, 2005, 118, 5589-5601. | 2.0 | 17 |
| 114 | Selective Role of a Distinct Tyrosine Residue on Tie2 in Heart Development and Early Hematopoiesis. Molecular and Cellular Biology, 2005, 25, 4693-4702. | 2.3 | 32 |
| 115 | Sorting nexin-2 is associated with tubular elements of the early endosome, but is not essential for retromer-mediated endosome-to-TGN transport. Journal of Cell Science, 2005, 118, 4527-4539. | 2.0 | 99 |
| 116 | Golgi-to-Late Endosome Trafficking of the Yeast Pheromone Processing Enzyme Ste13p Is Regulated by a Phosphorylation Site in its Cytosolic Domain. Molecular Biology of the Cell, 2005, 16, 1456-1468. | 2.1 | 13 |
| 117 | Control of Ste6 Recycling by Ubiquitination in the Early Endocytic Pathway in Yeast. Molecular Biology of the Cell, 2005, 16, 2809-2821. | 2.1 | 17 |
| 118 | Crystal Structure of Human Vacuolar Protein Sorting Protein 29 Reveals a Phosphodiesterase/Nuclease-like Fold and Two Protein-Protein Interaction Sites. Journal of Biological Chemistry, 2005, 280, 22962-22967. | 3.4 | 56 |
| 119 | Determinants of the Endosomal Localization of Sorting Nexin 1. Molecular Biology of the Cell, 2005, 16, 2049-2057. | 2.1 | 38 |
| 120 | Receptor Salvage from the Prevacuolar Compartment Is Essential for Efficient Vacuolar Protein Targeting. Plant Cell, 2005, 17, 132-148. | 6.6 | 163 |
| 121 | Genetic evidence for a mammalian retromer complex containing sorting nexins 1 and 2. Proceedings of the United States of America, 2005, 102, 15173-15177. | 7.1 | 71 |
| 122 | Plant Prevacuolar Compartments and Endocytosis. , 0, , 37-61. | | 17 |
| 123 | Plant Prevacuolar/Endosomal Compartments. International Review of Cytology, 2006, 253, 95-129. | 6.2 | 31 |
| 124 | Wnt Gradient Formation Requires Retromer Function in Wnt-Producing Cells. Science, 2006, 312, 921-924. | 12.6 | 222 |
| 125 | Regulation of membrane traffic by phosphoinositide 3-kinases. Journal of Cell Science, 2006, 119, 605-614. | 2.0 | 382 |
| 126 | Inhibition of Na,K-ATPase-suppressive activity of translationally controlled tumor protein by sorting nexin 6. FEBS Letters, 2006, 580, 3558-3564. | 2.8 | 17 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 127 | The Phox (PX) domain proteins and membrane traffic. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2006, 1761, 878-896. | 2.4 | 168 |
| 128 | Sorting nexin 17, a non-self-assembling and a PtdIns(3)P high class affinity protein, interacts with the cerebral cavernous malformation related protein KRIT1. Biochemical and Biophysical Research Communications, 2006, 345, 1264-1272. | 2.1 | 37 |
| 129 | Sorting through the Cell Biology of Alzheimer's Disease: Intracellular Pathways to Pathogenesis. Neuron, 2006, 52, 15-31. | 8.1 | 295 |
| 130 | The human Vps29 retromer component is a metallo-phosphoesterase for a cation-independent mannose 6-phosphate receptor substrate peptide. Biochemical Journal, 2006, 398, 399-409. | 3.7 | 44 |
| 131 | A conserved GTPase-containing complex is required for intracellular sorting of the general amino-acid permease in yeast. Nature Cell Biology, 2006, 8, 657-667. | 10.3 | 169 |
| 132 | Retrograde transport from endosomes to the trans-Golgi network. Nature Reviews Molecular Cell Biology, 2006, 7, 568-579. | 37.0 | 568 |
| 133 | The retromer subunit Vps26 has an arrestin fold and binds Vps35 through its C-terminal domain. Nature Structural and Molecular Biology, 2006, 13, 540-548. | 8.2 | 153 |
| 134 | AtVPS29, a Putative Component of a Retromer Complex, is Required for the Efficient Sorting of Seed Storage Proteins. Plant and Cell Physiology, 2006, 47, 1187-1194. | 3.1 | 135 |
| 135 | Characterization of an ERAD Gene as VPS30/ATG6 Reveals Two Alternative and Functionally Distinct Protein Quality Control Pathways: One for Soluble Z Variant of Human α-1 Proteinase Inhibitor (A1PiZ) and Another for Aggregates of A1PiZ. Molecular Biology of the Cell, 2006, 17, 203-212. | 2.1 | 191 |
| 136 | Snf1-Dependent and Snf1-Independent Pathways of Constitutive ADH2 Expression in Saccharomyces cerevisiae. Genetics, 2006, 172, 2123-2138. | 2.9 | 14 |
| 137 | An Essential Role for SNX1 in Lysosomal Sorting of Protease-activated Receptor-1: Evidence for Retromer-, Hrs-, and Tsg101-independent Functions of Sorting Nexins. Molecular Biology of the Cell, 2006, 17, 1228-1238. | 2.1 | 117 |
| 138 | Overexpression of the Arabidopsis Syntaxin PEP12/SYP21 Inhibits Transport from the Prevacuolar Compartment to the Lytic Vacuole in Vivo. Plant Cell, 2006, 18, 2275-2293. | 6.6 | 97 |
| 139 | Domains within the GARP Subunit Vps54 Confer Separate Functions in Complex Assembly and Early Endosome Recognition. Molecular Biology of the Cell, 2006, 17, 1859-1870. | 2.1 | 43 |
| 140 | Targeting of the Plant Vacuolar Sorting Receptor BP80 Is Dependent on Multiple Sorting Signals in the Cytosolic Tail. Plant Cell, 2006, 18, 1477-1497. | 6.6 | 86 |
| 141 | Plant Retromer, Localized to the Prevacuolar Compartment and Microvesicles in Arabidopsis, May Interact with Vacuolar Sorting Receptors. Plant Cell, 2006, 18, 1239-1252. | 6.6 | 143 |
| 142 | Vacuolar protein sorting receptor in Schizosaccharomyces pombe. Microbiology (United Kingdom), 2006, 152, 1523-1532. | 1.8 | 39 |
| 143 | Identification of a novel conserved sorting motif required for retromer-mediated endosome-to-TGN retrieval. Journal of Cell Science, 2007, 120, 2378-2389. | 2.0 | 216 |
| 144 | The retromer complex and clathrin define an early endosomal retrograde exit site. Journal of Cell Science, 2007, 120, 2022-2031. | 2.0 | 152 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 145 | <i>Schizosaccharomyces pombe</i> Sst4p, a Conserved Vps27/Hrs Homolog, Functions Downstream of Phosphatidylinositol 3-Kinase Pik3p To Mediate Proper Spore Formation. Eukaryotic Cell, 2007, 6, 2343-2353. | 3.4 | 8 |
| 146 | <i>Drosophila</i> Vps35 function is necessary for normal endocytic trafficking and actin cytoskeleton organisation. Journal of Cell Science, 2007, 120, 4367-4376. | 2.0 | 86 |
| 147 | The making of Wnt: new insights into Wnt maturation, sorting and secretion. Development (Cambridge), 2007, 134, 3-12. | 2.5 | 108 |
| 148 | A loss-of-function screen reveals SNX5 and SNX6 as potential components of the mammalian retromer. Journal of Cell Science, 2007, 120, 45-54. | 2.0 | 210 |
| 149 | Interchangeable but Essential Functions of SNX1 and SNX2 in the Association of Retromer with Endosomes and the Trafficking of Mannose 6-Phosphate Receptors. Molecular and Cellular Biology, 2007, 27, 1112-1124. | 2.3 | 204 |
| 150 | Grd19/Snx3p functions as a cargo-specific adapter for retromer-dependent endocytic recycling. Journal of Cell Biology, 2007, 177, 115-125. | 5.2 | 153 |
| 151 | The retromer component sorting nexin-1 is required for efficient retrograde transport of Shiga toxin from early endosome to the trans Golgi network. Journal of Cell Science, 2007, 120, 2010-2021. | 2.0 | 117 |
| 152 | Btn2, a Hook1 Ortholog and Potential Batten Disease-Related Protein, Mediates Late Endosome-Golgi Protein SortinginYeast. Molecular and Cellular Biology, 2007, 27, 605-621. | 2.3 | 68 |
| 153 | Identification of a conserved motif required for Vps35p/Vps26p interaction and assembly of the retromer complex. Biochemical Journal, 2007, 408, 287-295. | 3.7 | 49 |
| 154 | Coated vesicles in plant cells. Seminars in Cell and Developmental Biology, 2007, 18, 471-478. | 5.0 | 32 |
| 155 | Synthesis and function of membrane phosphoinositides in budding yeast, Saccharomyces cerevisiae. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2007, 1771, 353-404. | 2.4 | 258 |
| 156 | SNX1 and SNX2 mediate retrograde transport of Shiga toxin. Biochemical and Biophysical Research Communications, 2007, 358, 566-570. | 2.1 | 58 |
| 157 | Coats, Tethers, Rabs, and SNAREs Work Together to Mediate the Intracellular Destination of a Transport Vesicle. Developmental Cell, 2007, 12, 671-682. | 7.0 | 580 |
| 158 | Retromer and sorting nexins in development. Frontiers in Bioscience - Landmark, 2007, 12, 3825. | 3.0 | 30 |
| 159 | Prevacuolar compartment morphology in vps mutants of Saccharomyces cerevisiae. Cell Biology International, 2007, 31, 1237-1244. | 3.0 | 6 |
| 160 | Functional architecture of the retromer cargo-recognition complex. Nature, 2007, 449, 1063-1067. | 27.8 | 250 |
| 161 | Phosphoinositide-Regulated Retrograde Transport of Ricin: Crosstalk Between hVps34 and Sorting Nexins. Traffic, 2007, 8, 297-309. | 2.7 | 57 |
| 162 | Snc1p vâ€5NARE Transport to the Prospore Membrane During Yeast Sporulation is Dependent on Endosomal Retrieval Pathways. Traffic, 2007, 8, 1231-1245. | 2.7 | 19 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 163 | EHD1 Interacts with Retromer to Stabilize SNX1 Tubules and Facilitate Endosomeâ€toâ€Golgi Retrieval. Traffic, 2007, 8, 1873-1886. | 2.7 | 116 |
| 164 | Dominantâ€Negative Behavior of Mammalian Vps35 in Yeast Requires a Conserved PRLYL Motif Involved in Retromer Assembly. Traffic, 2007, 8, 1829-1840. | 2.7 | 31 |
| 165 | Structural Features of Vps35p Involved in Interaction with Other Subunits of the Retromer Complex. Traffic, 2007, 8, 1841-1853. | 2.7 | 33 |
| 166 | Yarrowia lipolytica vesicle-mediated protein transport pathways. BMC Evolutionary Biology, 2007, 7, 219. | 3.2 | 24 |
| 167 | Phosphoinositide 3-kinase regulates the role of retromer in transcytosis of the polymeric immunoglobulin receptor. Experimental Cell Research, 2007, 313, 707-718. | 2.6 | 38 |
| 168 | A novel immunodetection screen for vacuolar defects identifies a unique allele of VPS35 in S. cerevisiae. Molecular and Cellular Biochemistry, 2008, 311, 121-136. | 3.1 | 6 |
| 169 | Membrane traffic in the secretory pathway. Cellular and Molecular Life Sciences, 2008, 65, 2842-2858. | 5.4 | 85 |
| 170 | Retrograde traffic in the biosynthetic-secretory route. Histochemistry and Cell Biology, 2008, 129, 277-288. | 1.7 | 35 |
| 171 | Functional genomics of monensin sensitivity in yeast: implications for post-Golgi traffic and vacuolar H+-ATPase function. Molecular Genetics and Genomics, 2008, 280, 233-248. | 2.1 | 17 |
| 172 | SNX1 Defines an Early Endosomal Recycling Exit for Sortilin and Mannose 6â€Phosphate Receptors. Traffic, 2008, 9, 380-393. | 2.7 | 145 |
| 173 | Structure of Vps26B and Mapping of its Interaction with the Retromer Protein Complex. Traffic, 2008, 9, 366-379. | 2.7 | 104 |
| 174 | Substrate―and Ubiquitinâ€Dependent Trafficking of the Yeast Siderophore Transporter Sit1. Traffic, 2008, 9, 1372-1391. | 2.7 | 44 |
| 175 | The Structure and Function of the Retromer Protein Complex. Traffic, 2008, 9, 1811-1822. | 2.7 | 87 |
| 176 | Endosomal Functions in Plants. Traffic, 2008, 9, 1589-1598. | 2.7 | 110 |
| 177 | Palmitoylation Controls Recycling in Lysosomal Sorting and Trafficking. Traffic, 2008, 9, 1984-1997. | 2.7 | 77 |
| 178 | Wingless secretion promotes and requires retromer-dependent cycling of Wntless. Nature Cell Biology, 2008, 10, 178-185. | 10.3 | 238 |
| 179 | Membrane recognition by phospholipid-binding domains. Nature Reviews Molecular Cell Biology, 2008, 9, 99-111. | 37.0 | 1,298 |
| 180 | Retromer. Current Opinion in Cell Biology, 2008, 20, 427-436. | 5.4 | 411 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | The regulation and function of Class III PI3Ks: novel roles for Vps34. Biochemical Journal, 2008, 410, 1-17. | 3.7 | 534 |
| 182 | Regulation of GPCRs by Endocytic Membrane Trafficking and Its Potential Implications. Annual Review of Pharmacology and Toxicology, 2008, 48, 537-568. | 9.4 | 526 |
| 183 | AP-1 and retromer play opposite roles in the trafficking of sortilin between the Golgi apparatus and the lysosomes. Biochemical and Biophysical Research Communications, 2008, 366, 724-730. | 2.1 | 98 |
| 184 | Identification of novel retromer complexes in the mouse testis. Biochemical and Biophysical Research Communications, 2008, 375, 16-21. | 2.1 | 15 |
| 185 | C. elegans AP-2 and Retromer Control Wnt Signaling by Regulating MIG-14/Wntless. Developmental Cell, 2008, 14, 132-139. | 7.0 | 189 |
| 186 | Wnt Signaling Requires Retromer-Dependent Recycling of MIG-14/Wntless in Wnt-Producing Cells. Developmental Cell, 2008, 14, 140-147. | 7.0 | 223 |
| 187 | Regulation of retromer recruitment to endosomes by sequential action of Rab5 and Rab7. Journal of Cell Biology, 2008, 183, 513-526. | 5.2 | 395 |
| 188 | Overexpression of Arabidopsis Sorting Nexin AtSNX2b Inhibits Endocytic Trafficking to the Vacuole. Molecular Plant, 2008, 1, 961-976. | 8.3 | 41 |
| 189 | α-Synuclein–induced Aggregation of Cytoplasmic Vesicles in <i>Saccharomyces cerevisiae</i> . Molecular Biology of the Cell, 2008, 19, 1093-1103. | 2.1 | 142 |
| 190 | The Golgi Apparatus. , 2008, , . | | 16 |
| 191 | Opposing Activities of the Snx3-Retromer Complex and ESCRT Proteins Mediate Regulated Cargo Sorting at a Common Endosome. Molecular Biology of the Cell, 2008, 19, 4694-4706. | 2.1 | 55 |
| 192 | Protein Kinases Fpk1p and Fpk2p are Novel Regulators of Phospholipid Asymmetry. Molecular Biology of the Cell, 2008, 19, 1783-1797. | 2.1 | 82 |
| 193 | The DHR1 Domain of DOCK180 Binds to SNX5 and Regulates Cation-independent Mannose 6-phosphate Receptor Transport. Molecular Biology of the Cell, 2008, 19, 3823-3835. | 2.1 | 28 |
| 194 | Arabidopsis VPS35, a Retromer Component, is Required for Vacuolar Protein Sorting and Involved in Plant Growth and Leaf Senescence. Plant and Cell Physiology, 2008, 49, 142-156. | 3.1 | 105 |
| 195 | Sorting Signals within the <i>Saccharomyces cerevisiae</i> Sporulation-Specific Dityrosine Transporter, Dtr1p, C Terminus Promote Golgi-to-Prospore Membrane Transport. Eukaryotic Cell, 2008, 7, 1674-1684. | 3.4 | 8 |
| 196 | The Secretory System of Arabidopsis. The Arabidopsis Book, 2008, 6, e0116. | 0.5 | 118 |
| 197 | Chapter 4 Retromer. International Review of Cell and Molecular Biology, 2008, 271, 153-198. | 3.2 | 15 |
| 199 | Phosphatidylinositol 3,5-bisphosphate and Fab1p/PIKfyve underPPIn endo-lysosome function. Biochemical Journal, 2009, 419, 1-13. | 3.7 | 172 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 200 | Genome-wide Analysis of AP-3–dependent Protein Transport in Yeast. Molecular Biology of the Cell, 2009, 20, 1592-1604. | 2.1 | 43 |
| 201 | Mutations in Genes Encoding Sorting Nexins Alter Production ofIntracellular and Extracellular Proteases in Aspergillus nidulans. Genetics, 2009, 181, 1239-1247. | 2.9 | 8 |
| 202 | Coats of endosomal protein sorting: retromer and ESCRT. Current Opinion in Plant Biology, 2009, 12, 670-676. | 7.1 | 35 |
| 203 | Sailing with the Wnt: Charting the Wnt processing and secretion route. Experimental Cell Research, 2009, 315, 2683-2689. | 2.6 | 37 |
| 204 | Cloning of Aspergillus oryzae Aovps5 gene, homologous to vacuolar protein sorting associated gene VPS5 and construction of the disruptant. Journal of Bioscience and Bioengineering, 2009, 108, 121-123. | 2.2 | 1 |
| 205 | Sequence of the yeast protein expression plasmid pEG(KT). Yeast, 2009, 26, 349-353. | 1.7 | 7 |
| 206 | The retromer component SNX6 interacts with dynactin p150Glued and mediates endosome-to-TGN transport. Cell Research, 2009, 19, 1334-1349. | 12.0 | 102 |
| 207 | Proteomic Analysis of Cytoskeleton-Associated RNA Binding Proteins in Developing Rice Seed. Journal of Proteome Research, 2009, 8, 4641-4653. | 3.7 | 35 |
| 208 | The Retromer Coat Complex Coordinates Endosomal Sorting and Dynein-Mediated Transport, with Carrier Recognition by the trans-Golgi Network. Developmental Cell, 2009, 17, 110-122. | 7.0 | 252 |
| 209 | A Yeast Killer Toxin Screen Provides Insights into A/B Toxin Entry, Trafficking, and Killing Mechanisms. Developmental Cell, 2009, 17, 552-560. | 7.0 | 68 |
| 210 | Assessment of FUN-1 vital dye staining: Yeast with a block in the vacuolar sorting pathway have impaired ability to form CIVS when stained with FUN-1 fluorescent dye. Journal of Microbiological Methods, 2009, 78, 208-212. | 1.6 | 31 |
| 211 | On the fate of early endosomes. Biological Chemistry, 2009, 390, 753-759. | 2.5 | 53 |
| 212 | The Arrestin Fold: Variations on a Theme. Current Genomics, 2009, 10, 133-142. | 1.6 | 75 |
| 213 | The retromer complex. Advances in Enzyme Regulation, 2010, 50, 216-236. | 2.6 | 76 |
| 214 | Genetic interactions between a phospholipase A2 and the Rim101 pathway components in S. cerevisiae reveal a role for this pathway in response to changes in membrane composition and shape. Molecular Genetics and Genomics, 2010, 283, 519-530. | 2.1 | 17 |
| 215 | Vps35 Mediates Vesicle Transport between the Mitochondria and Peroxisomes. Current Biology, 2010, 20, 1310-1315. | 3.9 | 248 |
| 216 | Common and distinct roles for the binding partners Rabenosyn-5 and Vps45 in the regulation of endocytic trafficking in mammalian cells. Experimental Cell Research, 2010, 316, 859-874. | 2.6 | 47 |
| 217 | Retrieval of the Alzheimer's amyloid precursor protein from the endosome to the TGN is S655 phosphorylation state-dependent and retromer-mediated. Molecular Neurodegeneration, 2010, 5, 40. | 10.8 | 124 |

ARTICLE IF CITATIONS # Wnt Trafficking: New Insights into Wnt Maturation, Secretion and Spreading. Traffic, 2010, 11, 2.7 127 218 1265-1271. A Novel, Retromer-Independent Role for Sorting Nexins 1 and 2 in RhoG-Dependent Membrane 2.7 Remodeling. Traffic, 2010, 11, 1347-1362. Retromer recycles vacuolar sorting receptors from the <i>trans </i>-Golgi network. Plant Journal, 220 5.7 115 2010, 61, 107-121. Sorting of plant vacuolar proteins is initiated in the ER. Plant Journal, 2010, 62, 601-614. 221 79 Retromer-mediated direct sorting is required for proper endosomal recycling of the mammalian iron 222 2.0 132 transporter DMT1. Journal of Cell Science, 2010, 123, 756-766. The Rab GTPase Ypt7 is linked to retromer-mediated receptor recycling and fusion at the yeast late endosome. Journal of Cell Science, 2010, 123, 4085-4094. 100 Bidirectional transport between the trans-Golgi network and the endosomal system. Molecular 224 2.0 25 Membrane Biology, 2010, 27, 443-456. The cargo-selective retromer complex is a recruiting hub for protein complexes that regulate 2.0 221 endosomal tubule dynamics. Journal of Cell Science, 2010, 123, 3703-3717. Loss-of-Function Mutations of Retromer Large Subunit Genes Suppress the Phenotype of 226 6.6 33 an<i>Arabidopsis zig</i>Mutant That Lacks Qb-SNARE VTI11 Â. Plant Cell, 2010, 22, 159-172. Retromer Is Required for Apoptotic Cell Clearance by Phagocytic Receptor Recycling. Science, 2010, 12.6 327, 1261-1264. Shotgun Proteomics of <i>Aspergillus niger</i> Microsomes upon <scp>d</scp> -Xylose Induction. 228 3.139 Applied and Environmental Microbiology, 2010, 76, 4421-4429. Identification of the Switch in Early-to-Late Endosome Transition. Cell, 2010, 141, 497-508. 229 28.9 642 SNX–BAR proteins in phosphoinositide-mediated, tubular-based endosomal sorting. Seminars in Cell 230 5.0 150 and Developmental Biology, 2010, 21, 371-380. A Fast Hierarchical Clustering Algorithm for Functional Modules Discovery in Protein Interaction 171 Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2011, 8, 607-620. Rab28 function in trypanosomes: interactions with retromer and ESCRT pathways. Journal of Cell 232 2.0 38 Science, 2011, 124, 3771-3783. COPI Budding within the Golgi Stack. Cold Spring Harbor Perspectives in Biology, 2011, 3, 150 a005231-a005231. A SNX3-dependent retromer pathway mediates retrograde transport of the Wnt sorting receptor 234 10.3 286 Wntless and is required for Wnt secretion. Nature Cell Biology, 2011, 13, 914-923. Targeting the Wnt Pathway in Cancer., 2011,,.

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 237 | Osh Proteins Regulate Phosphoinositide Metabolism at ER-Plasma Membrane Contact Sites. Cell, 2011, 144, 389-401. | 28.9 | 442 |
| 238 | New links between vesicle coats and Rab-mediated vesicle targeting. Seminars in Cell and Developmental Biology, 2011, 22, 18-26. | 5.0 | 63 |
| 239 | The Furin Cytoplasmic Domain is Localized to the trans-Golgi Network of Yeast. International Journal of Biology, 2011, 3, . | 0.2 | 0 |
| 240 | VPS29 Is Not an Active Metallo-Phosphatase but Is a Rigid Scaffold Required for Retromer Interaction with Accessory Proteins. PLoS ONE, 2011, 6, e20420. | 2.5 | 53 |
| 241 | A Role for SNX1 in the Regulation of EGF-Dependent Phosphorylated EGFR Endocytosis Via the Early/Late Endocytic Pathway in a Gefitinib-Sensitive Human Lung Cancer Cells. Current Signal Transduction Therapy, 2011, 6, 383-395. | 0.5 | 7 |
| 242 | Phosphoinositides and the regulation of tubular-based endosomal sorting. Biochemical Society Transactions, 2011, 39, 839-850. | 3.4 | 12 |
| 243 | Assembly and Solution Structure of the Core Retromer Protein Complex. Traffic, 2011, 12, 56-71. | 2.7 | 76 |
| 244 | Recombinant Heptameric Coatomer Complexes: Novel Tools to Study Isoformâ€Specific Functions. Traffic, 2011, 12, 682-692. | 2.7 | 26 |
| 245 | Physiology and Pathology of Endosomeâ€ŧoâ€Golgi Retrograde Sorting. Traffic, 2011, 12, 948-955. | 2.7 | 58 |
| 246 | Retrograde Transport: Two (or More) Roads Diverged in an Endosomal Tree?. Traffic, 2011, 12, 956-962. | 2.7 | 58 |
| 247 | Recent Advances in Retromer Biology. Traffic, 2011, 12, 963-971. | 2.7 | 100 |
| 248 | Vps26A and Vps26B Subunits Define Distinct Retromer Complexes. Traffic, 2011, 12, 1759-1773. | 2.7 | 83 |
| 249 | env1 Mutant of VPS35 gene exhibits unique protein localization and processing phenotype at Golgi and lysosomal vacuole in Saccharomyces cerevisiae. Molecular and Cellular Biochemistry, 2011, 346, 187-195. | 3.1 | 2 |
| 250 | Quantitative Analysis of Retromer Complex-Related Genes during Embryo Development in the Mouse. Molecules and Cells, 2011, 31, 431-436. | 2.6 | 0 |
| 251 | Processing and maturation of carboxypeptidase Y and alkaline phosphatase in Schizosaccharomyces pombe. Applied Microbiology and Biotechnology, 2011, 90, 203-213. | 3.6 | 18 |
| 252 | Identification and characterization of full-length vps29 gene in five mammalian species. Genes and Genomics, 2011, 33, 505-512. | 1.4 | 0 |
| 253 | Intracellular trafficking of the β-secretase and processing of amyloid precursor protein. IUBMB Life, 2011, 63, n/a-n/a. | 3.4 | 13 |
| 254 | The yeast Batten disease orthologue Btn1 controls endosome–Golgi retrograde transport via SNARE assembly. Journal of Cell Biology, 2011, 195, 203-215. | 5.2 | 44 |

| | CITATION R | EPORT | |
|-----|--|-------|-----------|
| # | Article | IF | CITATIONS |
| 255 | The reconstructed ancestral subunit a functions as both V-ATPase isoforms Vph1p and Stv1p in <i>Saccharomyces cerevisiae</i> . Molecular Biology of the Cell, 2011, 22, 3176-3191. | 2.1 | 25 |
| 256 | Two novel WD40 domain–containing proteins, Ere1 and Ere2, function in the retromer-mediated endosomal recycling pathway. Molecular Biology of the Cell, 2011, 22, 4093-4107. | 2.1 | 41 |
| 257 | Regulation of Wnt Secretion and Distribution. , 2011, , 19-33. | | 0 |
| 258 | Evolutionary variations of VPS29, and their implications for the heteropentameric model of retromer. Communicative and Integrative Biology, 2011, 4, 619-622. | 1.4 | 16 |
| 259 | Intracellular phosphatidylserine is essential for retrograde membrane traffic through endosomes. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 15846-15851. | 7.1 | 163 |
| 260 | Evolutionary reconstruction of the retromer complex and its function in <i>Trypanosoma brucei</i> . Journal of Cell Science, 2011, 124, 1496-1509. | 2.0 | 102 |
| 261 | SNX3 controls Wingless/Wnt secretion through regulating retromer-dependent recycling of Wntless. Cell Research, 2011, 21, 1677-1690. | 12.0 | 112 |
| 262 | Role of Rab GTPases in Membrane Traffic and Cell Physiology. Physiological Reviews, 2011, 91, 119-149. | 28.8 | 1,268 |
| 263 | Signalling gets sorted by retromer. EMBO Journal, 2011, 30, 2988-2989. | 7.8 | 1 |
| 264 | Retromer Binds the FANSHY Sorting Motif in SorLA to Regulate Amyloid Precursor Protein Sorting and Processing. Journal of Neuroscience, 2012, 32, 1467-1480. | 3.6 | 225 |
| 265 | Molecular basis for SNX-BAR-mediated assembly of distinct endosomal sorting tubules. EMBO Journal, 2012, 31, 4466-4480. | 7.8 | 157 |
| 266 | Rab GTPase regulation of retromer-mediated cargo export during endosome maturation. Molecular Biology of the Cell, 2012, 23, 2505-2515. | 2.1 | 99 |
| 267 | Multiple repeat elements within the FAM21 tail link the WASH actin regulatory complex to the retromer. Molecular Biology of the Cell, 2012, 23, 2352-2361. | 2.1 | 161 |
| 268 | Mechanisms and Concepts Paving the Way towards a Complete Transport Cycle of Plant Vacuolar Sorting Receptors. Plant Cell, 2012, 24, 1714-1732. | 6.6 | 61 |
| 269 | Silencing of SNX1 by siRNA stimulates the ligand-induced endocytosis of EGFR and increases EGFR phosphorylation in gefitinib-resistant human lung cancer cell lines. International Journal of Oncology, 2012, 41, 1520-1530. | 3.3 | 20 |
| 270 | Termination of Isoform‣elective Vps21/Rab5 Signaling at Endolysosomal Organelles by Msb3/Gyp3. Traffic, 2012, 13, 1411-1428. | 2.7 | 51 |
| 271 | The retromer complex – endosomal protein recycling and beyond. Journal of Cell Science, 2012, 125, 4693-702. | 2.0 | 377 |
| 272 | Structures and mechanisms of vesicle coat components and multisubunit tethering complexes. Current Opinion in Cell Biology, 2012, 24, 475-483. | 5.4 | 22 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 273 | Sorting nexins provide diversity for retromer-dependent trafficking events. Nature Cell Biology, 2012, 14, 29-37. | 10.3 | 284 |
| 274 | Identification of Alzheimer disease-associated variants in genes that regulate retromer function. Neurobiology of Aging, 2012, 33, 2231.e15-2231.e30. | 3.1 | 135 |
| 275 | Trying to make sense of retromer. Trends in Plant Science, 2012, 17, 431-439. | 8.8 | 44 |
| 276 | Integrin trafficking at a glance. Journal of Cell Science, 2012, 125, 3695-3701. | 2.0 | 164 |
| 277 | Hierarchical Modularity and the Evolution of Genetic Interactomes across Species. Molecular Cell, 2012, 46, 691-704. | 9.7 | 185 |
| 278 | Juxtaposition of heterochromatic and euchromatic regions by chromosomal translocation mediates a heterochromatic long-range position effect associated with a severe neurological phenotype. Molecular Cytogenetics, 2012, 5, 16. | 0.9 | 22 |
| 279 | Phosphoinositides in the Mammalian Endo-lysosomal Network. Sub-Cellular Biochemistry, 2012, 59, 65-110. | 2.4 | 27 |
| 280 | Getting active: protein sorting in endocytic recycling. Nature Reviews Molecular Cell Biology, 2012, 13, 323-328. | 37.0 | 105 |
| 281 | Dissecting the Wnt secretion pathway: key questions on the modification and intracellular trafficking of Wnt proteins. Acta Physiologica, 2012, 204, 8-16. | 3.8 | 24 |
| 282 | A novel class of cysteine protease receptors that mediate lysosomal transport. Cellular Microbiology, 2012, 14, 1299-1317. | 2.1 | 62 |
| 283 | Phosphatidylinositol 3â€phosphate, a lipid that regulates membrane dynamics, protein sorting and cell signalling. BioEssays, 2013, 35, 900-912. | 2.5 | 110 |
| 284 | Drug Uptake, Lipid Rafts, and Vesicle Trafficking Modulate Resistance to an Anticancer Lysophosphatidylcholine Analogue in Yeast. Journal of Biological Chemistry, 2013, 288, 8405-8418. | 3.4 | 41 |
| 285 | A Systematic Approach for the Genetic Dissection of Protein Complexes in Living Cells. Cell Reports, 2013, 3, 2155-2167. | 6.4 | 46 |
| 286 | RAB7L1 Interacts with LRRK2 to Modify Intraneuronal Protein Sorting and Parkinson's Disease Risk. Neuron, 2013, 77, 425-439. | 8.1 | 500 |
| 287 | Endosomal recruitment of the WASH complex: Active sequences and mutations impairing interaction with the retromer. Biology of the Cell, 2013, 105, 191-207. | 2.0 | 74 |
| 288 | The giardial VPS35 retromer subunit is necessary for multimeric complex assembly and interaction with the vacuolar protein sorting receptor. Biochimica Et Biophysica Acta - Molecular Cell Research, 2013, 1833, 2628-2638. | 4.1 | 11 |
| 289 | Emerging roles of recycling endosomes. Journal of Biochemistry, 2013, 153, 505-510. | 1.7 | 63 |
| 290 | Host Pathways Important for Coxiella burnetii Infection Revealed by Genome-Wide RNA Interference Screening. MBio, 2013, 4, e00606-12. | 4.1 | 103 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 291 | Rab9 and retromer regulate retrograde trafficking of luminal protein required for epithelial tube length control. Nature Communications, 2013, 4, 1358. | 12.8 | 90 |
| 292 | True Arrestins and Arrestin-Fold Proteins. Progress in Molecular Biology and Translational Science, 2013, 118, 21-56. | 1.7 | 38 |
| 293 | Retromer maintains basolateral distribution of the type II TGF-β receptor via the recycling endosome. Molecular Biology of the Cell, 2013, 24, 2285-2298. | 2.1 | 34 |
| 294 | Trafficking of Vacuolar Proteins: The Crucial Role of <i>Arabidopsis</i> Vacuolar Protein Sorting 29 in Recycling Vacuolar Sorting Receptor. Plant Cell, 2013, 24, 5058-5073. | 6.6 | 41 |
| 295 | Mechanisms Governing the Endosomal Membrane Recruitment of the Core Retromer in Arabidopsis. Journal of Biological Chemistry, 2013, 288, 8815-8825. | 3.4 | 57 |
| 296 | The CORVET complex promotes tethering and fusion of Rab5/Vps21-positive membranes. Proceedings of the United States of America, 2013, 110, 3823-3828. | 7.1 | 83 |
| 297 | Rab GAP cascade regulates dynamics of Ypt6 in the Golgi traffic. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18976-18981. | 7.1 | 62 |
| 298 | ClassÂ <scp>III</scp> phosphatidylinositol 3–kinase and its catalytic product <scp>P</scp> tdlns3 <scp>P</scp> in regulation of endocytic membrane traffic. FEBS Journal, 2013, 280, 2730-2742. | 4.7 | 85 |
| 299 | The Complexity of Vesicle Transport Factors in Plants Examined by Orthology Search. PLoS ONE, 2014, 9, e97745. | 2.5 | 34 |
| 300 | RME-8 coordinates the WASH complex with the retromer SNX-BAR dimer to control endosomal tubulation. Journal of Cell Science, 2014, 127, 2053-70. | 2.0 | 92 |
| 301 | The Retromer Complex Is Required for Rhodopsin Recycling and Its Loss Leads to Photoreceptor Degeneration. PLoS Biology, 2014, 12, e1001847. | 5.6 | 75 |
| 302 | Retromer Regulates HIV-1 Envelope Glycoprotein Trafficking and Incorporation into Virions. PLoS Pathogens, 2014, 10, e1004518. | 4.7 | 57 |
| 303 | Image-Based and Biochemical Assays to Investigate Endosomal Protein Sorting. Methods in Enzymology, 2014, 534, 155-178. | 1.0 | 16 |
| 304 | Genome-wide RNAi Screen Reveals a Role for Multipass Membrane Proteins in Endosome-to-Golgi Retrieval. Cell Reports, 2014, 9, 1931-1945. | 6.4 | 40 |
| 305 | Retromer and the dynamin Vps1 cooperate in the retrieval of transmembrane proteins from vacuoles. Journal of Cell Science, 2015, 128, 645-55. | 2.0 | 44 |
| 306 | Parkinson's disease-linked mutations in VPS35 induce dopaminergic neurodegeneration. Human Molecular Genetics, 2014, 23, 4621-4638. | 2.9 | 126 |
| 307 | ESCRT regulates surface expression of the Kir2.1 potassium channel. Molecular Biology of the Cell, 2014, 25, 276-289. | 2.1 | 24 |
| 308 | A mechanism for retromer endosomal coat complex assembly with cargo. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 267-272. | 7.1 | 124 |

| # | Article | IF | CITATIONS |
|-----|--|------|-----------|
| 309 | Subcellular localisation of retromer in postâ€endocytic pathways of polarised Madin–Darby canine kidney cells. Biology of the Cell, 2014, 106, 377-393. | 2.0 | 15 |
| 310 | Trafficking regulation of proteins in Alzheimer's disease. Molecular Neurodegeneration, 2014, 9, 6. | 10.8 | 122 |
| 311 | Retromer Mediates a Discrete Route of Local Membrane Delivery to Dendrites. Neuron, 2014, 82, 55-62. | 8.1 | 121 |
| 312 | Adaptor proteins involved in polarized sorting. Journal of Cell Biology, 2014, 204, 7-17. | 5.2 | 215 |
| 313 | A new pathway for mitochondrial quality control: mitochondrialâ€derived vesicles. EMBO Journal, 2014, 33, 2142-2156. | 7.8 | 641 |
| 314 | Fission of SNX-BAR–coated endosomal retrograde transport carriers is promoted by the dynamin-related protein Vps1. Journal of Cell Biology, 2014, 204, 793-806. | 5.2 | 75 |
| 315 | Retromer: A Master Conductor of Endosome Sorting. Cold Spring Harbor Perspectives in Biology, 2014, 6, a016774-a016774. | 5.5 | 362 |
| 316 | Identification of molecular heterogeneity in SNX27-retromer-mediated endosome-to-plasma membrane recycling. Journal of Cell Science, 2014, 127, 4940-53. | 2.0 | 86 |
| 317 | VARP Is Recruited on to Endosomes by Direct Interaction with Retromer, Where Together They Function in Export to the Cell Surface. Developmental Cell, 2014, 29, 591-606. | 7.0 | 110 |
| 318 | Inhibition of late endosomal maturation restores Wnt secretion in Caenorhabditis elegans vps-29 retromer mutants. Cellular Signalling, 2014, 26, 19-31. | 3.6 | 25 |
| 319 | Vacuolar Sorting Receptor-Mediated Trafficking of Soluble Vacuolar Proteins in Plant Cells. Plants, 2014, 3, 392-408. | 3.5 | 19 |
| 320 | Vacuolar protein sorting 35 (Vps35) rescues locomotor deficits and shortened lifespan in Drosophila expressing a Parkinson's disease mutant of Leucine-rich repeat kinase 2 (LRRK2). Molecular Neurodegeneration, 2014, 9, 23. | 10.8 | 86 |
| 321 | Retromer Ensures the Degradation of Autophagic Cargo by Maintaining Lysosome Function in Drosophila. Traffic, 2015, 16, 1088-1107. | 2.7 | 54 |
| 322 | Retromer-Mediated Trafficking of Transmembrane Receptors and Transporters. Membranes, 2015, 5, 288-306. | 3.0 | 26 |
| 323 | Retromer Is Essential for Autophagy-Dependent Plant Infection by the Rice Blast Fungus. PLoS Genetics, 2015, 11, e1005704. | 3.5 | 61 |
| 324 | Biogenesis of endosome-derived transport carriers. Cellular and Molecular Life Sciences, 2015, 72, 3441-3455. | 5.4 | 40 |
| 325 | Retromer in Alzheimer disease, Parkinson disease and other neurological disorders. Nature Reviews Neuroscience, 2015, 16, 126-132. | 10.2 | 197 |
| 326 | COMMD1 is linked to the WASH complex and regulates endosomal trafficking of the copper transporter ATP7A. Molecular Biology of the Cell, 2015, 26, 91-103. | 2.1 | 200 |

| # | Article | IF | Citations |
|-----|---|------|-----------|
| 327 | Ubiquitin-Dependent Lysosomal Membrane Protein Sorting and Degradation. Molecular Cell, 2015, 57, 467-478. | 9.7 | 91 |
| 328 | Retromer and sorting nexins in endosomal sorting. Biochemical Society Transactions, 2015, 43, 33-47. | 3.4 | 180 |
| 329 | Parkinson's Disease Genes VPS35 and EIF4G1 Interact Genetically and Converge on α-Synuclein. Neuron, 2015, 85, 76-87. | 8.1 | 149 |
| 330 | Rab5-family guanine nucleotide exchange factors bind retromer and promote its recruitment to endosomes. Molecular Biology of the Cell, 2015, 26, 1119-1128. | 2.1 | 36 |
| 331 | Membrane Trafficking in the Yeast Saccharomyces cerevisiae Model. International Journal of Molecular Sciences, 2015, 16, 1509-1525. | 4.1 | 121 |
| 332 | Retromer: Structure, function, and roles in mammalian disease. European Journal of Cell Biology, 2015, 94, 513-521. | 3.6 | 43 |
| 333 | Formation of Tubulovesicular Carriers from Endosomes and Their Fusion to the trans-Golgi Network. International Review of Cell and Molecular Biology, 2015, 318, 159-202. | 3.2 | 14 |
| 334 | The retromer complex in development and disease. Development (Cambridge), 2015, 142, 2392-2396. | 2.5 | 73 |
| 335 | A defect in the retromer accessory protein, SNX27, manifests by infantile myoclonic epilepsy and neurodegeneration. Neurogenetics, 2015, 16, 215-221. | 1.4 | 44 |
| 336 | EARP is a multisubunit tethering complex involved in endocytic recycling. Nature Cell Biology, 2015, 17, 639-650. | 10.3 | 112 |
| 337 | Molecular dynamics at the endocytic portal and regulations of endocytic and recycling traffics. European Journal of Cell Biology, 2015, 94, 235-248. | 3.6 | 16 |
| 338 | VPS29–VPS35 intermediate of retromer is stable and may be involved in the retromer complex assembly process. FEBS Letters, 2015, 589, 1430-1436. | 2.8 | 30 |
| 339 | <i>Coxiella burnetii</i> : turning hostility into a home. Cellular Microbiology, 2015, 17, 621-631. | 2.1 | 63 |
| 340 | Retromerâ€mediated endosomal protein sorting: The role of unstructured domains. FEBS Letters, 2015, 589, 2620-2626. | 2.8 | 32 |
| 341 | Comparative Analysis of Transmembrane Regulators of the Filamentous Growth Mitogen-Activated Protein Kinase Pathway Uncovers Functional and Regulatory Differences. Eukaryotic Cell, 2015, 14, 868-883. | 3.4 | 13 |
| 342 | Molecular Insights into Rab7â€Mediated Endosomal Recruitment of Core Retromer: Deciphering the Role of Vps26 and Vps35. Traffic, 2015, 16, 68-84. | 2.7 | 71 |
| 343 | The role of the retromer complex in aging-related neurodegeneration: a molecular and genomic review. Molecular Genetics and Genomics, 2015, 290, 413-427. | 2.1 | 34 |
| 344 | The yeast Arf-GAP Clo3p is required for the endocytic recycling of cell surface proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 144-156. | 4.1 | 14 |

| # | Article | IF | Citations |
|-----|--|------|-----------|
| 345 | Yeast Reporter Assay to Identify Cellular Components of Ricin Toxin A Chain Trafficking. Toxins, 2016, 8, 366. | 3.4 | 6 |
| 346 | Role of the Retromer Complex in Neurodegenerative Diseases. Frontiers in Aging Neuroscience, 2016, 8, 42. | 3.4 | 20 |
| 347 | Calnuc Function in Endosomal Sorting of Lysosomal Receptors. Traffic, 2016, 17, 416-432. | 2.7 | 10 |
| 348 | Retrograde trafficking from the endosome to the transâ€Golgi network mediated by the retromer is required for fungal development and pathogenicity in <i>Fusarium graminearum</i> . New Phytologist, 2016, 210, 1327-1343. | 7.3 | 33 |
| 349 | FAM21 directs SNX27–retromer cargoes to the plasma membrane by preventing transport to the Golgi apparatus. Nature Communications, 2016, 7, 10939. | 12.8 | 66 |
| 350 | Early Endosomal Compartments. , 2016, , 192-200. | | 0 |
| 351 | The Retromer Complex. , 2016, , 475-484. | | 0 |
| 352 | Robust Extracellular pH Modulation by Candida albicans during Growth in Carboxylic Acids. MBio, 2016, 7, . | 4.1 | 55 |
| 353 | Retromer/WASH dependent sorting of nutrient transporters requires a multivalent interaction network with ANKRD50. Journal of Cell Science, 2017, 130, 382-395. | 2.0 | 48 |
| 354 | Molecular medicine – To be or not to be. Biophysical Chemistry, 2016, 214-215, 33-46. | 2.8 | 4 |
| 355 | Dynein Dysfunction Reproduces Age-Dependent Retromer Deficiency. American Journal of Pathology, 2016, 186, 1952-1966. | 3.8 | 14 |
| 356 | Endocytosis and Endosomal Trafficking in Plants. Annual Review of Plant Biology, 2016, 67, 309-335. | 18.7 | 259 |
| 357 | Retromer in Polarized Protein Transport. International Review of Cell and Molecular Biology, 2016, 323, 129-179. | 3.2 | 18 |
| 358 | Bidirectional traffic between the Golgi and the endosomes – machineries and regulation. Journal of Cell Science, 2016, 129, 3971-3982. | 2.0 | 70 |
| 359 | Genetics in Parkinson disease: Mendelian versus nonâ€Mendelian inheritance. Journal of Neurochemistry, 2016, 139, 59-74. | 3.9 | 390 |
| 360 | Actin, Membrane Trafficking and the Control of Prion Induction, Propagation and Transmission in Yeast. Traffic, 2016, 17, 5-20. | 2.7 | 2 |
| 361 | Atypical parkinsonism–associated retromer mutant alters endosomal sorting of specific cargo proteins. Journal of Cell Biology, 2016, 214, 389-399. | 5.2 | 45 |
| 362 | Structural Mechanism for Cargo Recognition by the Retromer Complex. Cell, 2016, 167, 1623-1635.e14. | 28.9 | 172 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 363 | Endosome-ER Contacts Control Actin Nucleation and Retromer Function through VAP-Dependent Regulation of PI4P. Cell, 2016, 166, 408-423. | 28.9 | 315 |
| 364 | Retromer Endosome Exit Domains Serve Multiple Trafficking Destinations and Regulate Local G Protein Activation by GPCRs. Current Biology, 2016, 26, 3129-3142. | 3.9 | 44 |
| 365 | Retromer-Mediated Protein Sorting and Vesicular Trafficking. Journal of Genetics and Genomics, 2016, 43, 165-177. | 3.9 | 25 |
| 366 | Endocytic pathways and endosomal trafficking: a primer. Wiener Medizinische Wochenschrift, 2016, 166, 196-204. | 1.1 | 185 |
| 367 | Subversion of Retrograde Trafficking by Translocated Pathogen Effectors. Trends in Microbiology, 2016, 24, 450-462. | 7.7 | 108 |
| 368 | Expression, purification and characterization of Plasmodium falciparum vacuolar protein sorting 29. Protein Expression and Purification, 2016, 120, 7-15. | 1.3 | 7 |
| 369 | The Role of Retromer in Alzheimer's Disease. Molecular Neurobiology, 2016, 53, 4201-4209. | 4.0 | 13 |
| 370 | Retromer-driven membrane tubulation separates endosomal recycling from Rab7/Ypt7-dependent fusion. Molecular Biology of the Cell, 2017, 28, 783-791. | 2.1 | 32 |
| 371 | Traffic from the endosome towards trans-Golgi network. European Journal of Cell Biology, 2017, 96, 198-205. | 3.6 | 12 |
| 372 | VPS35, the Retromer Complex and Parkinson's Disease. Journal of Parkinson's Disease, 2017, 7, 219-233. | 2.8 | 131 |
| 373 | The emerging role of retromer in neuroprotection. Current Opinion in Cell Biology, 2017, 47, 72-82. | 5.4 | 54 |
| 374 | Yeast dynamin associates with the CARP tethering complex for endosome-to-Golgi traffic. European Journal of Cell Biology, 2017, 96, 612-621. | 3.6 | 6 |
| 375 | Neutral Competition for <i>Drosophila</i> Follicle and Cyst Stem Cell Niches Requires Vesicle Trafficking Genes. Genetics, 2017, 206, 1417-1428. | 2.9 | 14 |
| 376 | Drinking problems: mechanisms of macropinosome formation and maturation. FEBS Journal, 2017, 284, 3778-3790. | 4.7 | 117 |
| 377 | <scp>ER</scp> –plasma membrane contact sites contribute to autophagosome biogenesis by regulation of local <scp>PI</scp> 3P synthesis. EMBO Journal, 2017, 36, 2018-2033. | 7.8 | 159 |
| 378 | Rab7 palmitoylation is required for efficient endosome-to-TGN trafficking. Journal of Cell Science, 2017, 130, 2579-2590. | 2.0 | 34 |
| 379 | Yeast dynamin Vps1 associates with clathrin to facilitate vesicular trafficking and controls Golgi homeostasis. European Journal of Cell Biology, 2017, 96, 182-197. | 3.6 | 6 |
| 380 | Role of the VPS35 D620N mutation in Parkinson's disease. Parkinsonism and Related Disorders, 2017, 36, 10-18. | 2.2 | 24 |

| # 381 | ARTICLE The retromer, sorting nexins and the plant endomembrane protein trafficking. Journal of Cell Science, 2018, 131, . | IF 2.0 | CITATIONS |
|----------|--|-----------|-----------|
| 382 | Retriever fetches integrins from endosomes. Nature Cell Biology, 2017, 19, 1144-1146. | 10.3 | 6 |
| 383 | What DKKtates where to metastasize. Nature Cell Biology, 2017, 19, 1146-1148. | 10.3 | 1 |
| 384 | Cargo-selective SNX-BAR proteins mediate retromer trimer independent retrograde transport. Journal of Cell Biology, 2017, 216, 3677-3693. | 5.2 | 139 |
| 385 | Sequence-dependent cargo recognition by SNX-BARs mediates retromer-independent transport of CI-MPR. Journal of Cell Biology, 2017, 216, 3695-3712. | 5.2 | 151 |
| 386 | Membrane scission driven by the PROPPIN Atg18. EMBO Journal, 2017, 36, 3274-3291. | 7.8 | 68 |
| 387 | Sorting nexin (MoVps17) is required for fungal development and plant infection by regulating endosome dynamics in the rice blast fungus. Environmental Microbiology, 2017, 19, 4301-4317. | 3.8 | 16 |
| 388 | The Dopamine Transporter Recycles via a Retromer-Dependent Postendocytic Mechanism: Tracking Studies Using a Novel Fluorophore-Coupling Approach. Journal of Neuroscience, 2017, 37, 9438-9452. | 3.6 | 52 |
| 389 | Retriever is a multiprotein complex for retromer-independent endosomal cargo recycling. Nature Cell Biology, 2017, 19, 1214-1225. | 10.3 | 243 |
| 390 | Structural and thermodynamic characterization of metal binding in Vps29 from <i>Entamoeba histolytica</i> : implication in retromer function. Molecular Microbiology, 2017, 106, 562-581. | 2.5 | 8 |
| 391 | Essential and selective role of SNX12 in transport of endocytic and retrograde cargo. Journal of Cell Science, 2017, 130, 2707-2721. | 2.0 | 15 |
| 392 | Structural and functional insights into sorting nexin 5/6 interaction with bacterial effector IncE. Signal Transduction and Targeted Therapy, 2017, 2, 17030. | 17.1 | 36 |
| 393 | Genetic dissection of early endosomal recycling highlights a TORC1-independent role for Rag GTPases. Journal of Cell Biology, 2017, 216, 3275-3290. | 5.2 | 43 |
| 394 | Human tissue models in cancer research: looking beyond the mouse. DMM Disease Models and Mechanisms, 2017, 10, 939-942. | 2.4 | 45 |
| 395 | Magnesium uptake by connecting fluid-phase endocytosis to an intracellular inorganic cation filter. Nature Communications, 2017, 8, 1879. | 12.8 | 30 |
| 396 | Structural insights into Legionella RidL-Vps29 retromer subunit interaction reveal displacement of the regulator TBC1D5. Nature Communications, 2017, 8, 1543. | 12.8 | 47 |
| 397 | Retromer revisited: Evolving roles for retromer in endosomal sorting. Journal of Cell Biology, 2017, 216, 3433-3436. | 5.2 | 13 |
| 398 | Cargo selectivity of yeast sorting nexins. Traffic, 2017, 18, 110-122. | 2.7 | 43 |

| # | ARTICLE Updated Insight into the Physiological and Pathological Roles of the Retromer Complex. International | IF | CITATIONS |
|-----|--|-----|-----------|
| 400 | Journal of Molecular Sciences, 2017, 18, 1601. A CDC25 family protein phosphatase gates cargo recognition by the Vps26 retromer subunit. ELife, 2017, 6, . | 6.0 | 14 |
| 401 | Beginning to Understand the Role of the Type IV Secretion System Effector Proteins in Coxiella burnetii Pathogenesis. Current Topics in Microbiology and Immunology, 2017, 413, 243-268. | 1.1 | 25 |
| 402 | The Role of Atg9 in Yeast Autophagy. , 2017, , 181-192. | | 0 |
| 403 | Membrane protein recycling from the vacuole/lysosome membrane. Journal of Cell Biology, 2018, 217, 1623-1632. | 5.2 | 63 |
| 404 | Phospholipases play multiple cellular roles including growth, stress tolerance, sexual development, and virulence in fungi. Microbiological Research, 2018, 209, 55-69. | 5.3 | 54 |
| 405 | Endosomal receptor trafficking: Retromer and beyond. Traffic, 2018, 19, 578-590. | 2.7 | 133 |
| 406 | Trafficking mechanisms of synaptogenic cell adhesion molecules. Molecular and Cellular Neurosciences, 2018, 91, 34-47. | 2.2 | 15 |
| 407 | trans-Golgi network-bound cargo traffic. European Journal of Cell Biology, 2018, 97, 137-149. | 3.6 | 15 |
| 408 | Rab6-dependent retrograde traffic of LAT controls immune synapse formation and T cell activation. Journal of Experimental Medicine, 2018, 215, 1245-1265. | 8.5 | 42 |
| 409 | VPS35 depletion does not impair presynaptic structure and function. Scientific Reports, 2018, 8, 2996. | 3.3 | 14 |
| 410 | Alpha-synuclein inhibits Snx3–retromer-mediated retrograde recycling of iron transporters in S. cerevisiae and C. elegans models of Parkinson's disease. Human Molecular Genetics, 2018, 27, 1514-1532. | 2.9 | 29 |
| 411 | Mechanism of inhibition of retromer transport by the bacterial effector RidL. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E1446-E1454. | 7.1 | 52 |
| 412 | Budding Yeast Has a Minimal Endomembrane System. Developmental Cell, 2018, 44, 56-72.e4. | 7.0 | 129 |
| 413 | Retromer associates with the cytoplasmic amino-terminus of polycystin-2. Journal of Cell Science, 2018, 131, . | 2.0 | 8 |
| 414 | Emerging Role of Retromer in Modulating Pathogen Growth. Trends in Microbiology, 2018, 26, 769-780. | 7.7 | 23 |
| 415 | The Endo-Lysosomal System of Brain Endothelial Cells Is Influenced by Astrocytes In Vitro. Molecular Neurobiology, 2018, 55, 8522-8537. | 4.0 | 11 |
| 416 | Traffic jam hypothesis: Relationship between endocytic dysfunction and Alzheimer's disease. Neurochemistry International, 2018, 119, 35-41. | 3.8 | 25 |

| | CHAHON R | LPORT | |
|-----|--|-------|-----------|
| # | Article | IF | CITATIONS |
| 417 | Toxicity and infectivity: insights from de novo prion formation. Current Genetics, 2018, 64, 117-123. | 1.7 | 5 |
| 418 | Chlamydia trachomatis and its interaction with the cellular retromer. International Journal of Medical Microbiology, 2018, 308, 197-205. | 3.6 | 3 |
| 419 | Retromer and the cationâ€independent mannose 6â€phosphate receptor—Time for a trial separation?. Traffic, 2018, 19, 150-152. | 2.7 | 29 |
| 420 | Control of <scp>RAB</scp> 7 activity and localization through the retromerâ€TBC1D5 complex enables <scp>RAB</scp> 7â€dependent mitophagy. EMBO Journal, 2018, 37, 235-254. | 7.8 | 144 |
| 423 | Endosomal Sorting: Architecture of the Retromer Coat. Current Biology, 2018, 28, R1350-R1352. | 3.9 | 18 |
| 424 | Resolution of macropinosomes, phagosomes and autolysosomes: Osmotically driven shrinkage enables tubulation and vesiculation. Traffic, 2018, 19, 965-974. | 2.7 | 33 |
| 425 | Endosomal trafficking of yeast membrane proteins. Biochemical Society Transactions, 2018, 46, 1551-1558. | 3.4 | 20 |
| 426 | Structure of the membrane-assembled retromer coat determined by cryo-electron tomography. Nature, 2018, 561, 561-564. | 27.8 | 169 |
| 427 | To degrade or not to degrade: mechanisms and significance of endocytic recycling. Nature Reviews Molecular Cell Biology, 2018, 19, 679-696. | 37.0 | 358 |
| 428 | SNX3-retromer requires an evolutionary conserved MON2:DOPEY2:ATP9A complex to mediate Wntless sorting and Wnt secretion. Nature Communications, 2018, 9, 3737. | 12.8 | 51 |
| 429 | A Novel Class of ER Membrane Proteins Regulates ER-Associated Endosome Fission. Cell, 2018, 175, 254-265.e14. | 28.9 | 137 |
| 431 | Inhibition of TBC1D5 activates Rab7a and can enhance the function of the retromer cargo-selective complex. Journal of Cell Science, 2018, 131, . | 2.0 | 50 |
| 432 | Increased Microglial Activity, Impaired Adult Hippocampal Neurogenesis, and Depressive-like Behavior in Microglial VPS35-Depleted Mice. Journal of Neuroscience, 2018, 38, 5949-5968. | 3.6 | 56 |
| 433 | Expression and purification of the SNX1/SNX6 complex. Protein Expression and Purification, 2018, 151, 93-98. | 1.3 | 8 |
| 434 | Mechanisms of Lipid Sorting in the Endosomal Pathway. Advances in Biomembranes and Lipid Self-Assembly, 2018, 28, 1-39. | 0.6 | 0 |
| 435 | Endosomal Retrieval of Cargo: Retromer Is Not Alone. Trends in Cell Biology, 2018, 28, 807-822. | 7.9 | 114 |
| 436 | The enigmatic endosome – sorting the ins and outs of endocytic trafficking. Journal of Cell Science, 2018, 131, . | 2.0 | 243 |
| 437 | Endocytosis and Signaling. Progress in Molecular and Subcellular Biology, 2018, , . | 1.6 | 2 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 438 | Retromer and Its Role in Regulating Signaling at Endosomes. Progress in Molecular and Subcellular Biology, 2018, 57, 137-149. | 1.6 | 12 |
| 439 | Endosomal sorting and trafficking, the retromer complex and neurodegeneration. Molecular Psychiatry, 2019, 24, 857-868. | 7.9 | 59 |
| 440 | Lysosome biogenesis in health and disease. Journal of Neurochemistry, 2019, 148, 573-589. | 3.9 | 97 |
| 441 | Role of the endolysosomal system in Parkinson's disease. Journal of Neurochemistry, 2019, 150, 487-506. | 3.9 | 98 |
| 442 | A bipartite sorting signal ensures specificity of retromer complex in membrane protein recycling. Journal of Cell Biology, 2019, 218, 2876-2886. | 5.2 | 34 |
| 443 | A Role for the VPS Retromer in <i>Brucella</i> Intracellular Replication Revealed by Genomewide siRNA Screening. MSphere, 2019, 4, . | 2.9 | 11 |
| 444 | TFEB controls retromer expression in response to nutrient availability. Journal of Cell Biology, 2019, 218, 3954-3966. | 5.2 | 22 |
| 445 | Characterization of the BspA and Pmp protein family of trichomonads. Parasites and Vectors, 2019, 12, 406. | 2.5 | 25 |
| 446 | Molecular identification of a BAR domain-containing coat complex for endosomal recycling of transmembrane proteins. Nature Cell Biology, 2019, 21, 1219-1233. | 10.3 | 81 |
| 447 | Retromer Controls Planar Polarity Protein Levels and Asymmetric Localization at Intercellular Junctions. Current Biology, 2019, 29, 484-491.e6. | 3.9 | 16 |
| 448 | Contributions of VPS35 Mutations to Parkinson's Disease. Neuroscience, 2019, 401, 1-10. | 2.3 | 39 |
| 449 | <scp>DNAJC</scp> proteins and pathways to parkinsonism. FEBS Journal, 2019, 286, 3080-3094. | 4.7 | 37 |
| 450 | Towards a molecular understanding of endosomal trafficking by Retromer and Retriever. Traffic, 2019, 20, 465-478. | 2.7 | 134 |
| 451 | VPS29, a tweak tool of endosomal recycling. Current Opinion in Cell Biology, 2019, 59, 81-87. | 5.4 | 19 |
| 452 | PID1 regulates insulin-dependent glucose uptake by controlling intracellular sorting of GLUT4-storage vesicles. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 1592-1603. | 3.8 | 11 |
| 453 | Parkinson's disease-linked <i>D620N VPS35</i> knockin mice manifest tau neuropathology and dopaminergic neurodegeneration. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5765-5774. | 7.1 | 77 |
| 454 | MoMCP1, a Cytochrome P450 Gene, Is Required for Alleviating Manganese Toxin Revealed by Transcriptomics Analysis in Magnaporthe oryzae. International Journal of Molecular Sciences, 2019, 20, 1590. | 4.1 | 4 |
| 455 | Back From the Brink: Retrieval of Membrane Proteins From Terminal Compartments. BioEssays, 2019, 41, e1800146. | 2.5 | 11 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 456 | The landscape of multiscale transcriptomic networks and key regulators in Parkinson's disease. Nature Communications, 2019, 10, 5234. | 12.8 | 82 |
| 457 | Retrograde trafficking and plasma membrane recycling pathways of the budding yeast <i>Saccharomyces cerevisiae</i> . Traffic, 2020, 21, 45-59. | 2.7 | 53 |
| 458 | Herpesviruses induce aggregation and selective autophagy of host signalling proteins NEMO and RIPK1 as an immune-evasion mechanism. Nature Microbiology, 2020, 5, 331-342. | 13.3 | 39 |
| 459 | Endosomal dysfunction in iPSC-derived neural cells from Parkinson's disease patients with VPS35 D620N. Molecular Brain, 2020, 13, 137. | 2.6 | 16 |
| 460 | Retromer stabilization results in neuroprotection in a model of Amyotrophic Lateral Sclerosis. Nature Communications, 2020, 11, 3848. | 12.8 | 44 |
| 461 | Acute inactivation of retromer and ESCPE-1 leads to time-resolved defects in endosomal cargo sorting. Journal of Cell Science, 2020, 133, . | 2.0 | 22 |
| 462 | Eps15 Homology Domain Protein 4 (EHD4) is required for Eps15 Homology Domain Protein 1 (EHD1)-mediated endosomal recruitment and fission. PLoS ONE, 2020, 15, e0239657. | 2.5 | 11 |
| 463 | Genome-wide functional analysis of phosphatases in the pathogenic fungus Cryptococcus neoformans. Nature Communications, 2020, 11, 4212. | 12.8 | 22 |
| 464 | Mammalian copper homeostasis requires retromer-dependent recycling of the high-affinity copper transporter 1. Journal of Cell Science, 2020, 133, . | 2.0 | 27 |
| 465 | Retromer forms low order oligomers on supported lipid bilayers. Journal of Biological Chemistry, 2020, 295, 12305-12316. | 3.4 | 13 |
| 466 | Identification of KIAA0196 as a novel susceptibility gene for myofibril structural disorganization in cardiac development. International Journal of Cardiology, 2020, 314, 81-88. | 1.7 | 0 |
| 467 | Mechanism of cargo recognition by retromer-linked SNX-BAR proteins. PLoS Biology, 2020, 18, e3000631. | 5.6 | 51 |
| 468 | TMEM16K is an interorganelle regulator of endosomal sorting. Nature Communications, 2020, 11, 3298. | 12.8 | 32 |
| 469 | Legionella pneumophila. , 2020, , . | | 0 |
| 470 | Mammalian Retromer Is an Adaptable Scaffold for Cargo Sorting from Endosomes. Structure, 2020, 28, 393-405.e4. | 3.3 | 34 |
| 471 | Sorting nexin 17 (SNX17) links endosomal sorting to Eps15 homology domain protein 1 (EHD1)–mediated fission machinery. Journal of Biological Chemistry, 2020, 295, 3837-3850. | 3.4 | 20 |
| 472 | Vesicular Dysfunction and the Pathogenesis of Parkinson's Disease: Clues From Genetic Studies. Frontiers in Neuroscience, 2019, 13, 1381. | 2.8 | 20 |
| 473 | Endosomal microdomains: Formation and function. Current Opinion in Cell Biology, 2020, 65, 86-95. | 5.4 | 43 |

| | | CITATION REPORT | | |
|-----|--|-------------------|-----|-----------|
| # | ARTICLE | | IF | CITATIONS |
| 474 | Retro Is Cool: Structure of the Versatile Retromer Complex. Structure, 2020, 28, 387-3 | 89. | 3.3 | 1 |
| 475 | Endosome-to-TGN Trafficking: Organelle-Vesicle and Organelle-Organelle Interactions. Cell and Developmental Biology, 2020, 8, 163. | Frontiers in | 3.7 | 48 |
| 476 | The Role of VPS35 in the Pathobiology of Parkinson's Disease. Cellular and Molecu 2021, 41, 199-227. | lar Neurobiology, | 3.3 | 35 |
| 477 | An update on cellular and molecular determinants of Parkinson's disease with emphas of the retromer complex. Journal of Neuroscience Research, 2021, 99, 163-179. | is on the role | 2.9 | 6 |
| 478 | Mitochondrial and Clearance Impairment in p. <scp>D620N VPS35</scp> Patientâ€Đe Movement Disorders, 2021, 36, 704-715. | rived Neurons. | 3.9 | 32 |
| 479 | Explosion in the complexity of membrane protein recycling. American Journal of Physic Physiology, 2021, 320, C483-C494. | logy - Cell | 4.6 | 2 |
| 480 | Elevating PI3P drives select downstream membrane trafficking pathways. Molecular Bi Cell, 2021, 32, 143-156. | ology of the | 2.1 | 15 |
| 481 | Sorting nexins: A novel promising therapy target for cancerous/neoplastic diseases. Jou Cellular Physiology, 2021, 236, 3317-3335. | ırnal of | 4.1 | 6 |
| 482 | Interferon Receptor Trafficking and Signaling: Journey to the Cross Roads. Frontiers in 2020, 11, 615603. | Immunology, | 4.8 | 45 |
| 483 | Endomembrane Tension and Trafficking. Frontiers in Cell and Developmental Biology, 2 | 2020, 8, 611326. | 3.7 | 30 |
| 484 | Phosphorylation of SNX27 by MAPK11/14 links cellular stress–signaling pathways w recycling. Journal of Cell Biology, 2021, 220, . | ith endocytic | 5.2 | 30 |
| 485 | Retrograde and Anterograde Transport of Lat-Vesicles during the Immunological Synap Defining the Finely-Tuned Mechanism. Cells, 2021, 10, 359. | ose Formation: | 4.1 | 4 |
| 486 | VER/VEGF receptors regulate AMPA receptor surface levels and glutamatergic behavior 2021, 17, e1009375. | ·. PLoS Genetics, | 3.5 | 7 |
| 487 | Analysis of the SNARE Stx8 recycling reveals that the retromer-sorting motif has under evolutionary divergence. PLoS Genetics, 2021, 17, e1009463. | gone | 3.5 | 3 |
| 489 | Structural insights into membrane remodeling by SNX1. Proceedings of the National A Sciences of the United States of America, 2021, 118, . | cademy of | 7.1 | 11 |
| 490 | Parkinson's Disease Causative Mutation in Vps35 Disturbs Tetherin Trafficking to G Facilitates Virus Spread. Cells, 2021, 10, 746. | Cell Surfaces and | 4.1 | 6 |
| 491 | Targeting Endosomal Recycling Pathways by Bacterial and Viral Pathogens. Frontiers ir Developmental Biology, 2021, 9, 648024. | ı Cell and | 3.7 | 18 |
| 492 | Toward Understanding the Molecular Role of SNX27/Retromer in Human Health and D in Cell and Developmental Biology, 2021, 9, 642378. | isease. Frontiers | 3.7 | 29 |

| # | | IF | CITATIONS |
|-----|--|------|-----------|
| " | Electrostatic Interaction Between NS1 and Negatively Charged Lipids Contributes to Flavivirus | | |
| 493 | Replication Organelles Formation. Frontiers in Microbiology, 2021, 12, 641059. | 3.5 | 10 |
| 494 | Sorting Out Sorting Nexins Functions in the Nervous System in Health and Disease. Molecular Neurobiology, 2021, 58, 4070-4106. | 4.0 | 15 |
| 495 | Opposing functions for retromer and Rab11 in extracellular vesicle traffic at presynaptic terminals. Journal of Cell Biology, 2021, 220, . | 5.2 | 25 |
| 496 | Sorting nexin 3 induces heart failure via promoting retromer-dependent nuclear trafficking of STAT3. Cell Death and Differentiation, 2021, 28, 2871-2887. | 11.2 | 14 |
| 497 | Navigating the Controversies of Retromer-Mediated Endosomal Protein Sorting. Frontiers in Cell and Developmental Biology, 2021, 9, 658741. | 3.7 | 16 |
| 498 | Targeting of Lysosomal Pathway Genes for Parkinson's Disease Modification: Insights From Cellular and Animal Models. Frontiers in Neurology, 2021, 12, 681369. | 2.4 | 10 |
| 501 | An Emerging Role for Phosphoinositides in the Pathophysiology of Parkinson's Disease. Journal of Parkinson's Disease, 2021, 11, 1725-1750. | 2.8 | 3 |
| 502 | Sorting nexin-27 regulates AMPA receptor trafficking through the synaptic adhesion protein LRFN2. ELife, 2021, 10, . | 6.0 | 12 |
| 503 | A co-fractionation mass spectrometry-based prediction of protein complex assemblies in the developing rice aleurone-subaleurone. Plant Cell, 2021, 33, 2965-2980. | 6.6 | 5 |
| 504 | A new functional role of mitochondriaâ€anchored protein ligase in peroxisome morphology in mammalian cells. Journal of Cellular Biochemistry, 2021, 122, 1686-1700. | 2.6 | 12 |
| 505 | The Retromer Complex: From Genesis to Revelations. Trends in Biochemical Sciences, 2021, 46, 608-620. | 7.5 | 46 |
| 506 | The understudied links of the retromer complex to age-related pathways. GeroScience, 2022, 44, 19-24. | 4.6 | 1 |
| 508 | Modelling the functional genomics of Parkinson's disease in <i>Caenorhabditis elegans</i> : <i>LRRK2</i> and beyond. Bioscience Reports, 2021, 41, . | 2.4 | 8 |
| 509 | Clionamines stimulate autophagy, inhibit Mycobacterium tuberculosis survival in macrophages, and target Pik1. Cell Chemical Biology, 2022, 29, 870-882.e11. | 5.2 | 7 |
| 510 | A PX-BAR protein Mvp1/SNX8 and a dynamin-like GTPase Vps1 drive endosomal recycling. ELife, 2021, 10, . | 6.0 | 21 |
| 512 | Mistargeting of secretory cargo in retromer-deficient cells. DMM Disease Models and Mechanisms, 2021, 14, . | 2.4 | 14 |
| 513 | The Endocytic Pathway. , 2009, , 67-83. | | 4 |
| 514 | Protein Targeting to Endosomes and Phagosomes via FYVE and PX Domains. Current Topics in Microbiology and Immunology, 2004, 282, 89-115. | 1.1 | 64 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 515 | Intracellular trafficking of bacterial and plant protein toxins. , 2006, , 135-153. | | 9 |
| 516 | Wingless secretion promotes and requires retromer-dependent cycling of Wntless. , 0, . | | 1 |
| 517 | Connecting the dots: combined control of endocytic recycling and degradation. Biochemical Society Transactions, 2020, 48, 2377-2386. | 3.4 | 11 |
| 518 | Unveiling the cryo-EM structure of retromer. Biochemical Society Transactions, 2020, 48, 2261-2272. | 3.4 | 10 |
| 519 | Lysosomal degradation products induce <i>Coxiella burnetii</i> virulence. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 6801-6810. | 7.1 | 40 |
| 520 | SNX27–retromer assembly recycles MT1-MMP to invadopodia and promotes breast cancer metastasis. Journal of Cell Biology, 2020, 219, . | 5.2 | 38 |
| 521 | Simple non-mammalian systems. , 2004, , 231-256. | | 1 |
| 522 | Synthetic Genetic Interactions With Temperature-Sensitive Clathrin in Saccharomyces cerevisiae: Roles for Synaptojanin-Like Inp53p and Dynamin-Related Vps1p in Clathrin-Dependent Protein Sorting at the trans-Golgi Network. Genetics, 2000, 154, 83-97. | 2.9 | 64 |
| 526 | Bi-directional trafficking between the trans-Golgi network and the endosomal/lysosomal system. Journal of Cell Science, 2000, 113, 2093-2101. | 2.0 | 85 |
| 527 | Lysosome-endosome fusion and lysosome biogenesis. Journal of Cell Science, 2000, 113, 1515-1524. | 2.0 | 238 |
| 528 | Self-assembly and binding of a sorting nexin to sorting endosomes. Journal of Cell Science, 2001, 114, 1743-1756. | 2.0 | 70 |
| 529 | The Functional Relationship between the Cdc50p-Drs2p Putative Aminophospholipid Translocase and the Arf GAP Gcs1p in Vesicle Formation in the Retrieval Pathway from Yeast Early Endosomes to the TGN. Cell Structure and Function, 2006, 31, 87-108. | 1.1 | 40 |
| 530 | Vesicular Transport and the Golgi Apparatus in Yeast Journal of Bioscience and Bioengineering, 2001, 91, 1-11. | 2.2 | 11 |
| 531 | SNX4 in Complex with Clathrin and Dynein: Implications for Endosome Movement. PLoS ONE, 2009, 4, e5935. | 2.5 | 36 |
| 532 | Genome-Wide Screening for Genes Associated with Valproic Acid Sensitivity in Fission Yeast. PLoS ONE, 2013, 8, e68738. | 2.5 | 17 |
| 533 | The N-Terminus of Vps74p Is Essential for the Retention of Glycosyltransferases in the Golgi but Not for the Modulation of Apical Polarized Growth in Saccharomyces cerevisiae. PLoS ONE, 2013, 8, e74715. | 2.5 | 5 |
| 534 | The Effector Cig57 Hijacks FCHO-Mediated Vesicular Trafficking to Facilitate Intracellular Replication of Coxiella burnetii. PLoS Pathogens, 2016, 12, e1006101. | 4.7 | 40 |
| 535 | The interactomics of sortilin: an ancient lysosomal receptor evolving new functions. Histology and Histopathology, 2009, 24, 481-92. | 0.7 | 44 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 536 | The early endosome: a busy sorting station for proteins at the crossroads. Histology and Histopathology, 2010, 25, 99-112. | 0.7 | 301 |
| 537 | Retromer Dysfunction and Neurodegenerative Disease. Current Genomics, 2018, 19, 279-288. | 1.6 | 22 |
| 538 | Lysosomal protein trafficking in Giardia lamblia: common and distinct features. Frontiers in Bioscience - Elite, 2012, E4, 1898. | 1.8 | 11 |
| 539 | Sorting Nexins in Protein Homeostasis. Cells, 2021, 10, 17. | 4.1 | 34 |
| 540 | A systematic approach to identify recycling endocytic cargo depending on the GARP complex. ELife, 2019, 8, . | 6.0 | 30 |
| 541 | Retromer subunit, VPS29, regulates synaptic transmission and is required for endolysosomal function in the aging brain. ELife, 2020, 9, . | 6.0 | 37 |
| 542 | Structural and Functional Impact of Damaging Nonsynonymous Single Nucleotide Polymorphisms (nsSNPs) on Human VPS35 Protein Using Computational Approaches. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, PP, 1-1. | 3.0 | 1 |
| 543 | Membrane Trafficking Proteins: A New Target to Identify Resistance to Viruses in Plants. Plants, 2021, 10, 2139. | 3.5 | 10 |
| 544 | PX Domains. , 2003, , 171-175. | | 0 |
| 545 | Protein trafficking. , 2004, , 224-283. | | 0 |
| 546 | The Role of Retromer in Neurodegenerative Disease. Research and Perspectives in Alzheimer's Disease, 2009, , 125-140. | 0.1 | 2 |
| 548 | Retrograde transport- the journey back to Golgi. IOSR Journal of Pharmacy and Biological Sciences, 2012, 4, 1-4. | 0.1 | 0 |
| 557 | EGF-SNX3-EGFR axis drives tumor progression and metastasis in triple-negative breast cancers. Oncogene, 2021, , . | 5.9 | 3 |
| 558 | Deliver on Time or Pay the Fine: Scheduling in Membrane Trafficking. International Journal of Molecular Sciences, 2021, 22, 11773. | 4.1 | 5 |
| 561 | The ESCRT machinery regulates retromer-dependent transcytosis of septate junction components in Drosophila. ELife, 2020, 9, . | 6.0 | 9 |
| 562 | The retromer CSC subcomplex is recruited by MoYpt7 and sequentially sorted by MoVps17 for effective conidiation and pathogenicity of the rice blast fungus. Molecular Plant Pathology, 2021, 22, 284-298. | 4.2 | 9 |
| 566 | Protein Sorting in Endosomes. , 2006, , 76-88. | | 1 |
| 568 | Retrograde endosome-to-TGN transport. , 2008, , 425-458. | | 0 |

| # | Article | IF | CITATIONS |
|-----|---|------|-----------|
| 570 | Evolutionary variations of VPS29, and their implications for the heteropentameric model of retromer. Communicative and Integrative Biology, 2011, 4, 619-22. | 1.4 | 7 |
| 573 | De novo macrocyclic peptides for inhibiting, stabilizing, and probing the function of the retromer endosomal trafficking complex. Science Advances, 2021, 7, eabg4007. | 10.3 | 11 |
| 574 | Endosomal Recycling Defects and Neurodevelopmental Disorders. Cells, 2022, 11, 148. | 4.1 | 10 |
| 575 | Endosomal recycling and dopamine neurotransmission: Exploring the links between the retromer and Parkinson's disease. Synapse, 2022, , . | 1.2 | 0 |
| 576 | The Retromer Complex. , 2022, , . | | 0 |
| 577 | An Update on Coat Protein Complexes for Vesicle Formation in Plant Post-Golgi Trafficking. Frontiers in Plant Science, 2022, 13, 826007. | 3.6 | 16 |
| 578 | Synaptic Vesicle Recycling and the Endolysosomal System: A Reappraisal of Form and Function. Frontiers in Synaptic Neuroscience, 2022, 14, 826098. | 2.5 | 11 |
| 580 | Molecular and cellular factors determining the functional pleiotropy of cytokines. FEBS Journal, 2023, 290, 2525-2552. | 4.7 | 6 |
| 581 | FgRab5 and FgRab7 are essential for endosomes biogenesis and non-redundantly recruit the retromer complex to the endosomes in Fusarium graminearum. Stress Biology, 2021, 1, 1. | 3.1 | 5 |
| 582 | Impaired Retromer Function in Niemann-Pick Type C Disease Is Dependent on Intracellular Cholesterol Accumulation. International Journal of Molecular Sciences, 2021, 22, 13256. | 4.1 | 9 |
| 584 | An evolving understanding of sorting signals for endosomal retrieval. IScience, 2022, 25, 104254. | 4.1 | 12 |
| 585 | SNX27–Retromer directly binds ESCPE-1 to transfer cargo proteins during endosomal recycling. PLoS Biology, 2022, 20, e3001601. | 5.6 | 24 |
| 587 | CROP: a retromerâ€PROPPIN complex mediating membrane fission in the endoâ€lysosomal system. EMBO Journal, 2022, 41, e109646. | 7.8 | 15 |
| 588 | Sorting Nexin 27 Enables MTOC and Secretory Machinery Translocation to the Immune Synapse. Frontiers in Immunology, 2021, 12, 814570. | 4.8 | 1 |
| 589 | Immunoisolation of Endosomal Recycling Vesicles from Saccharomyces cerevisiae. Bio-protocol, 2022, 12, . | 0.4 | 1 |
| 590 | The Golgi Apparatus and its Next-Door Neighbors. Frontiers in Cell and Developmental Biology, 2022, 10, 884360. | 3.7 | 19 |
| 591 | The retromer complex regulates <i>C. elegans</i> development and mammalian ciliogenesis. Journal of Cell Science, 2022, 135, . | 2.0 | 6 |
| 592 | Beware of Misdelivery: Multifaceted Role of Retromer Transport in Neurodegenerative Diseases. Frontiers in Aging Neuroscience, 2022, 14, . | 3.4 | 2 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 593 | The emerging roles of retromer and sorting nexins in the life cycle of viruses. Virologica Sinica, 2022, 37, 321-330. | 3.0 | 7 |
| 594 | You can go your own way: SNX-BAR coat complexes direct traffic at late endosomes. Current Opinion in Cell Biology, 2022, 76, 102087. | 5.4 | 6 |
| 595 | Understanding the contributions of VPS35 and the retromer in neurodegenerative disease. Neurobiology of Disease, 2022, 170, 105768. | 4.4 | 14 |
| 596 | The regulatory role of the Aspergillus flavus core retromer complex in aflatoxin metabolism. Journal of Biological Chemistry, 2022, 298, 102120. | 3.4 | 3 |
| 597 | Plant endosomes as protein sorting hubs. FEBS Letters, 2022, 596, 2288-2304. | 2.8 | 11 |
| 598 | An Outlook on the Complexity of Protein Morphogenesis in Health and Disease. Frontiers in Molecular Biosciences, 0, 9, . | 3.5 | 0 |
| 600 | The Sorting Nexin Genes ChSNX4 and ChSNX41 Are Required for Reproductive Development, Stress Adaption and Virulence in Cochliobolus heterostrophus. Journal of Fungi (Basel, Switzerland), 2022, 8, 855. | 3.5 | 3 |
| 601 | The VINE complex is an endosomal VPS9-domain GEF and SNX-BAR coat. ELife, 0, 11, . | 6.0 | 1 |
| 603 | Retromer subunit, CfVps35 is required for growth development and pathogenicity of Colletotrichum fructicola. BMC Genomic Data, 2022, 23, . | 1.7 | 1 |
| 604 | Recycling of cell surface membrane proteins from yeast endosomes is regulated by ubiquitinated Ist1. Journal of Cell Biology, 2022, 221, . | 5.2 | 11 |
| 606 | Improved mammalian retromer cryo-EM structures reveal a new assembly interface. Journal of Biological Chemistry, 2022, 298, 102523. | 3.4 | 2 |
| 608 | WDR91 specifies the endosomal retrieval subdomain for retromer-dependent recycling. Journal of Cell Biology, 2022, 221, . | 5.2 | 8 |
| 611 | Role of phosphatidylserine in the localization of cell surface membrane proteins in yeast. Cell Structure and Function, 2023, 48, 19-30. | 1.1 | 1 |
| 612 | CCDC22 and CCDC93, two potential retriever-interacting proteins, are required for root and root hair growth in Arabidopsis. Frontiers in Plant Science, 0, 13, . | 3.6 | 0 |
| 614 | Endosomal Sorting Protein SNX27 and Its Emerging Roles in Human Cancers. Cancers, 2023, 15, 70. | 3.7 | 1 |
| 615 | GTPase-activating protein TBC1D5 coordinates with retromer to constrain synaptic growth by inhibiting BMP signaling. Journal of Genetics and Genomics, 2023, 50, 163-177. | 3.9 | 3 |
| 616 | Epidermal stratification requires retromer-mediated desmoglein-1 recycling. Developmental Cell, 2022, 57, 2683-2698.e8. | 7.0 | 5 |
| 617 | Retromer oligomerization drives SNXâ€BAR coat assembly and membrane constriction. EMBO Journal, 2023, 42, . | 7.8 | 1 |

| # 618 | ARTICLE A plant-unique protein BLISTER coordinates with core retromer to modulate endosomal sorting of plasma membrane and vacuolar proteins. Proceedings of the National Academy of Sciences of the United Status of America, 2023, 120 | lF 7.1 | CITATIONS 2 |
|----------|---|-----------|----------------|
| 619 | Protein sorting from endosomes to the TGN. Frontiers in Cell and Developmental Biology, 0, 11, . | 3.7 | 5 |
| 620 | Nanosized extracellular vesicles released by Neurospora crassa hyphae. Fungal Genetics and Biology, 2023, 165, 103778. | 2.1 | 1 |
| 621 | WAVE facilitates polarized E-cadherin transport. Molecular Biology of the Cell, 2023, 34, . | 2.1 | 1 |
| 623 | VPS35在è,¿ç¯≇生ä,Žè½¬ç§»ä,çš"作ç"¨åŠæœºå^¶ç"ç©¶. Scientia Sinica Vitae, 2023, , . | 0.3 | 0 |
| 624 | Multi-omic approach characterises the neuroprotective role of retromer in regulating lysosomal health. Nature Communications, 2023, 14, . | 12.8 | 11 |
| 626 | Diversity of retromer-mediated vesicular trafficking pathways in plants. Frontiers in Plant Science, 0, 14, . | 3.6 | 1 |
| 627 | Receptor Recycling by Retromer. Molecular and Cellular Biology, 2023, 43, 317-334. | 2.3 | 4 |
| 629 | VPS35 and α-Synuclein fail to interact to modulate neurodegeneration in rodent models of Parkinson's disease. Molecular Neurodegeneration, 2023, 18, . | 10.8 | 1 |
| 630 | A mechanism that ensures non-selective cytoplasm degradation by autophagy. Nature Communications, 2023, 14, . | 12.8 | 1 |
| 631 | Cell-specific secretory granule sorting mechanisms: the role of MAGEL2 and retromer in hypothalamic regulated secretion. Frontiers in Cell and Developmental Biology, 0, 11, . | 3.7 | 0 |
| 632 | Porcine deltacoronavirus accessory protein NS6 harnesses VPS35-mediated retrograde trafficking to facilitate efficient viral infection. Journal of Virology, 2023, 97, . | 3.4 | 1 |
| 633 | A missense mutation in Ehd1 associated with defective spermatogenesis and male infertility. Frontiers in Cell and Developmental Biology, 0, 11, . | 3.7 | 0 |
| 634 | VPS35 promotes gastric cancer progression through integrin/FAK/SRC signalling-mediated IL-6/STAT3 pathway activation in a YAP-dependent manner. Oncogene, 0, , . | 5.9 | 0 |
| 636 | Structural organization of the retriever–CCC endosomal recycling complex. Nature Structural and Molecular Biology, 0, , . | 8.2 | 2 |
| 637 | AoRab7A interacts with AoVps35 and AoVps41 to regulate vacuole assembly, trap formation, conidiation, and functions of proteasomes and ribosomes in Arthrobotrys oligospora. Microbiological Research, 2024, 280, 127573. | 5.3 | 3 |
| 638 | Making the connection: How membrane contact sites have changed our view of organelle biology. Cell, 2024, 187, 257-270. | 28.9 | 1 |
| 640 | AP- 1^{3} 2 is an adaptor protein 1 variant required for endosome-to-Golgi trafficking of the mannose-6-P receptor (CI-MPR) and ATP7B copper transporter. Journal of Biological Chemistry, 2024, 300, 105700. | 3.4 | 0 |

| # | Article | IF | CITATIONS |
|-----|--|-----|-----------|
| 641 | A role for Vps13-mediated lipid transfer at the ER–endosome contact site in ESCRT-mediated sorting. Journal of Cell Biology, 2024, 223, . | 5.2 | 0 |
| 642 | VPS35 and retromer dysfunction in Parkinson's disease. Philosophical Transactions of the Royal Society B: Biological Sciences, 2024, 379, . | 4.0 | 0 |
| 643 | Stabilization of the retromer complex: Analysis of novel binding sites of bis-1,3-phenyl guanylhydrazone 2a to the VPS29/VPS35 interface. Computational and Structural Biotechnology Journal, 2024, 23, 1088-1093. | 4.1 | 0 |