Harald A Stenmark

List of Publications by Year
in descending order

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242 papers	47,565 citations	2215 99 h-index	1755 212 g-index
260 all docs	260 docs citations	260 times ranked	50011 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	p62/SQSTM1 forms protein aggregates degraded by autophagy and has a protective effect on huntingtin-induced cell death. Journal of Cell Biology, 2005, 171, 603-614.	5.2	2,854
4	Rab GTPases as coordinators of vesicle traffic. Nature Reviews Molecular Cell Biology, 2009, 10, 513-525.	37.0	2,771
5	Guidelines for the use and interpretation of assays for monitoring autophagy in higher eukaryotes. Autophagy, 2008, 4, 151-175.	9.1	2,064
6	The ESCRT machinery in endosomal sorting of ubiquitylated membrane proteins. Nature, 2009, 458, 445-452.	27.8	1,182
7	EEA1 links PI(3)K function to Rab5 regulation of endosome fusion. Nature, 1998, 394, 494-498.	27.8	1,036
8	EEA1, an Early Endosome-Associated Protein.. Journal of Biological Chemistry, 1995, 270, 13503-13511.	3.4	647
9	Hrs sorts ubiquitinated proteins into clathrin-coated microdomains of early endosomes. Nature Cell Biology, 2002, 4, 394-398.	10.3	631
10	The biogenesis of multivesicular endosomes. Nature Reviews Molecular Cell Biology, 2004, 5, 317-323.	37.0	630
11	The Rab GTPase family. Genome Biology, 2001, 2, reviews3007.1.	9.6	583
12	The many functions of ESCRTs. Nature Reviews Molecular Cell Biology, 2020, 21, 25-42.	37.0	565
13	Functional multivesicular bodies are required for autophagic clearance of protein aggregates associated with neurodegenerative disease. Journal of Cell Biology, 2007, 179, 485-500.	5.2	559
14	A Novel Rab5 GDP/GTP Exchange Factor Complexed to Rabaptin-5 Links Nucleotide Exchange to Effector Recruitment and Function. Cell, 1997, 90, 1149-1159.	28.9	552
15	FYVE fingers bind PtdIns(3)P. Nature, 1998, 394, 432-433.	27.8	537
16	Multivesicular Endosome Biogenesis in the Absence of ESCRTs. Traffic, 2009, 10, 925-937.	2.7	532
17	Protein sorting into multivesicular endosomes. Current Opinion in Cell Biology, 2003, 15, 446-455.	5.4	456
18	Rabaptin-5 is a direct effector of the small GTPase Rab5 in endocytic membrane fusion. Cell, 1995, 83, 423-432.	28.9	451

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19	The role of phosphoinositides in membrane transport. Current Opinion in Cell Biology, 2001, 13, 485-492.	5.4	445
20	Coming together to define membrane contactÂsites. Nature Communications, 2019, 10, 1287.	12.8	435
21	Programmed Autophagy in the Drosophila Fat Body Is Induced by Ecdysone through Regulation of the PI3K Pathway. Developmental Cell, 2004, 7, 179-192.	7.0	434
22	Hrs regulates multivesicular body formation via ESCRT recruitment to endosomes. Journal of Cell Biology, 2003, 162, 435-442.	5.2	420
23	Endosomal Localization of the Autoantigen EEA1 Is Mediated by a Zinc-binding FYVE Finger. Journal of Biological Chemistry, 1996, 271, 24048-24054.	3.4	416
24	Endocytic pathways regulate Toll-like receptor 4 signaling and link innate and adaptive immunity. EMBO Journal, 2006, 25, 683-692.	7.8	407
25	The Selective Macroautophagic Degradation of Aggregated Proteins Requires the PI3P-Binding Protein Alfy. Molecular Cell, 2010, 38, 265-279.	9.7	390
26	Rab GTPases in vesicular transport. Current Opinion in Cell Biology, 1993, 5, 613-620.	5.4	383
27	Regulation of membrane traffic by phosphoinositide 3-kinases. Journal of Cell Science, 2006, 119, 605-614.	2.0	382
28	Microenvironmental autophagy promotes tumour growth. Nature, 2017, 541, 417-420.	27.8	379
29	Ref(2)P, the Drosophila melanogaster homologue of mammalian p62, is required for the formation of protein aggregates in adult brain. Journal of Cell Biology, 2008, 180, 1065-1071.	5.2	369
30	Molecular Mechanisms of the Membrane Sculpting ESCRT Pathway. Cold Spring Harbor Perspectives in Biology, 2013, 5, a016766-a016766.	5.5	367
31	The E3 Ubiquitin Ligase AIP4 Mediates Ubiquitination and Sorting of the G Protein-Coupled Receptor CXCR4. Developmental Cell, 2003, 5, 709-722.	7.0	366
32	Cellular Functions and Molecular Mechanisms of the ESCRT Membrane-Scission Machinery. Trends in Biochemical Sciences, 2017, 42, 42-56.	7.5	362
33	Repeated ERâ€“endosome contacts promote endosome translocation and neurite outgrowth. Nature, 2015, 520, 234-238.	27.8	343
34	Spastin and ESCRT-III coordinate mitotic spindle disassembly and nuclear envelope sealing. Nature, 2015, 522, 231-235.	27.8	339
35	Cellular functions of Rab GTPases at a glance. Journal of Cell Science, 2015, 128, 3171-6.	2.0	315
36	Misfolding diverts CFTR from recycling to degradation. Journal of Cell Biology, 2004, 164, 923-933.	5.2	311

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37	p62/SQSTM1 and ALFY interact to facilitate the formation of p62 bodies/ALIS and their degradation by autophagy. Autophagy, 2010, 6, 330-344.	9.1	296
38	ESCRTs and Fab1 Regulate Distinct Steps of Autophagy. Current Biology, 2007, 17, 1817-1825.	3.9	292
39	Modulation of Receptor Recycling and Degradation by the Endosomal Kinesin KIF16B. Cell, 2005, 121, 437-450.	28.9	288
40	Regulation of ubiquitin-binding proteins by monoubiquitination. Nature Cell Biology, 2006, 8, 163-169.	10.3	279
41	STAM and Hrs Are Subunits of a Multivalent Ubiquitin-binding Complex on Early Endosomes. Journal of Biological Chemistry, 2003, 278, 12513-12521.	3.4	273
42	Alfy, a novel FYVE-domain-containing protein associated with protein granules and autophagic membranes. Journal of Cell Science, 2004, 117, 4239-4251.	2.0	271
43	FYVE and coiled-coil domains determine the specific localisation of Hrs to early endosomes. Journal of Cell Science, 2001, 114, 2255-2263.	2.0	254
44	Trafficking of Phosphatidylinositol 3-Phosphate from the trans-Golgi Network to the Lumen of the Central Vacuole in Plant Cells. Plant Cell, 2001, 13, 287-301.	6.6	249
45	Endocytosis and signaling. Current Opinion in Cell Biology, 2011, 23, 393-403.	5.4	249
46	The mammalian phosphatidylinositol 3-phosphate 5-kinase (PIKfyve) regulates endosome-to-TGN retrograde transport. Journal of Cell Science, 2006, 119, 3944-3957.	2.0	240
47	Phosphoinositides in Control of Membrane Dynamics. Annual Review of Cell and Developmental Biology, 2016, 32, 143-171.	9.4	240
48	<scp>ESCRT</scp> â€mediated lysosome repair precedes lysophagy and promotes cell survival. EMBO Journal, 2018, 37, .	7.8	228
49	Autophagic degradation of dBruce controls DNA fragmentation in nurse cells during late Drosophila melanogaster oogenesis. Journal of Cell Biology, 2010, 190, 523-531.	5.2	224
50	Endosomal and non-endosomal functions of ESCRT proteins. Trends in Cell Biology, 2006, 16, 317-326.	7.9	219
51	The Rab5 Effector EEA1 Interacts Directly with Syntaxin-6. Journal of Biological Chemistry, 1999, 274, 28857-28860.	3.4	217
52	Ubiquitination of Î±5Î²1 Integrin Controls Fibroblast Migration through Lysosomal Degradation of Fibronectin-Integrin Complexes. Developmental Cell, 2010, 19, 148-159.	7.0	216
53	Distinct Rab-binding domains mediate the interaction of Rabaptin-5 with GTP-bound rab4 and rab5. EMBO Journal, 1998, 17, 1941-1951.	7.8	214
54	Starvation induces rapid degradation of selective autophagy receptors by endosomal microautophagy. Journal of Cell Biology, 2018, 217, 3640-3655.	5.2	213

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55	SLC9A6 Mutations Cause X-Linked Mental Retardation, Microcephaly, Epilepsy, and Ataxia, a Phenotype Mimicking Angelman Syndrome. American Journal of Human Genetics, 2008, 82, 1003-1010.	6.2	209
56	Phosphoinositides in membrane traffic. Current Opinion in Cell Biology, 1999, 11, 460-465.	5.4	205
57	p62, an autophagy hero or culprit?. Nature Cell Biology, 2010, 12, 207-209.	10.3	202
58	Cellular functions of phosphatidylinositol 3-phosphate and FYVE domain proteins. Biochemical Journal, 2001, 355, 249-258.	3.7	197
59	PtdIns(3)P controls cytokinesis through KIF13A-mediated recruitment of FYVE-CENT to the midbody. Nature Cell Biology, 2010, 12, 362-371.	10.3	195
60	Role of Rab5 in the Recruitment of hVps34/p150 to the Early Endosome. Traffic, 2002, 3, 416-427.	2.7	187
61	Defective downregulation of receptor tyrosine kinases in cancer. EMBO Journal, 2004, 23, 2707-2712.	7.8	182
62	The phosphatidylinositol 3-phosphate-binding FYVE finger. FEBS Letters, 2002, 513, 77-84.	2.8	181
63	The Rab11a GTPase Controls Toll-like Receptor 4-Induced Activation of Interferon Regulatory Factor-3 on Phagosomes. Immunity, 2010, 33, 583-596.	14.3	173
64	Actin-based motility of endosomes is linked to the polar tip growth of root hairs. European Journal of Cell Biology, 2005, 84, 609-621.	3.6	170
65	Autophagy in tumour suppression and promotion. Molecular Oncology, 2009, 3, 366-375.	4.6	163
66	A phosphatidylinositol 3-kinase class III sub-complex containing VPS15, VPS34, Beclin 1, UVRAG and BIF-1 regulates cytokinesis and degradative endocytic traffic. Experimental Cell Research, 2010, 316, 3368-3378.	2.6	163
67	p62 at the Interface of Autophagy, Oxidative Stress Signaling, and Cancer. Antioxidants and Redox Signaling, 2012, 17, 786-793.	5.4	162
68	The ESCRT-III Subunit hVps24 Is Required for Degradation but Not Silencing of the Epidermal Growth Factor Receptor. Molecular Biology of the Cell, 2006, 17, 2513-2523.	2.1	159
69	Plasma membrane damage causes NLRP3 activation and pyroptosis during Mycobacterium tuberculosis infection. Nature Communications, 2020, 11, 2270.	12.8	156
70	Double-sided ubiquitin binding of Hrs-UIM in endosomal protein sorting. Nature Structural and Molecular Biology, 2006, 13, 272-277.	8.2	155
71	<scp>ER</scp> â€“endosome contact sites: molecular compositions and functions. EMBO Journal, 2015, 34, 1848-1858.	7.8	155
72	Membrane remodeling by the PX-BAR protein SNX18 promotes autophagosome formation. Journal of Cell Biology, 2013, 202, 331-349.	5.2	154

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73	Eap45 in Mammalian ESCRT-II Binds Ubiquitin via a Phosphoinositide-interacting GLUE Domain. Journal of Biological Chemistry, 2005, 280, 19600-19606.	3.4	152
74	Structure and functions of stable intercellular bridges formed by incomplete cytokinesis during development. Communicative and Integrative Biology, 2011, 4, 1-9.	1.4	151
75	How do ESCRT proteins control autophagy?. Journal of Cell Science, 2009, 122, 2179-2183.	2.0	146
76	Cbl-dependent Ubiquitination Is Required for Progression of EGF Receptors into Clathrin-coated Pits. Molecular Biology of the Cell, 2004, 15, 3591-3604.	2.1	145
77	The involvement of the small GTP-binding protein Rab5a in neuronal endocytosis. Neuron, 1994, 13, 11-22.	8.1	140
78	The Growth-Regulatory Protein HCRP1/hVps37A Is a Subunit of Mammalian ESCRT-I and Mediates Receptor Down-Regulation. Molecular Biology of the Cell, 2004, 15, 4337-4346.	2.1	140
79	Wetting regulates autophagy of phase-separated compartments and the cytosol. Nature, 2021, 591, 142-146.	27.8	140
80	Cellular functions of phosphatidylinositol 3-phosphate and FYVE domain proteins. Biochemical Journal, 2001, 355, 249.	3.7	140
81	Comparative analysis of ESCRT-I, ESCRT-II and ESCRT-III function inDrosophilaby efficient isolation of ESCRT mutants. Journal of Cell Science, 2009, 122, 2413-2423.	2.0	136
82	Interaction of the EEA1 FYVE Finger with Phosphatidylinositol 3-Phosphate and Early Endosomes. Journal of Biological Chemistry, 2000, 275, 24595-24600.	3.4	134
83	Nedd4-dependent lysine-11-linked polyubiquitination of the tumour suppressor Beclin 1. Biochemical Journal, 2012, 441, 399-406.	3.7	134
84	Rab17 Regulates Membrane Trafficking through Apical Recycling Endosomes in Polarized Epithelial Cells. Journal of Cell Biology, 1998, 140, 1039-1053.	5.2	132
85	Early Endosomal Regulation of Smad-dependent Signaling in Endothelial Cells. Journal of Biological Chemistry, 2002, 277, 18046-18052.	3.4	132
86	Flat clathrin coats on endosomes mediate degradative protein sorting by scaffolding Hrs in dynamic microdomains. Journal of Cell Science, 2006, 119, 2414-2424.	2.0	130
87	The small GTPase Rab22 interacts with EEA1 and controls endosomal membrane trafficking. Journal of Cell Science, 2002, 115, 899-911.	2.0	129
88	Cell death duringDrosophila melanogasterearly oogenesis is mediated through autophagy. Autophagy, 2009, 5, 298-302.	9.1	124
89	PtdIns3P controls mTORC1 signaling through lysosomal positioning. Journal of Cell Biology, 2017, 216, 4217-4233.	5.2	124
90	ALIX and ESCRT-I/II function as parallel ESCRT-III recruiters in cytokinetic abscission. Journal of Cell Biology, 2016, 212, 499-513.	5.2	123

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91	ESCRT-mediated phagophore sealing during mitophagy. Autophagy, 2020, 16, 826-841.	9.1	119
92	Endosomal Localization and Receptor Dynamics Determine Tyrosine Phosphorylation of Hepatocyte Growth Factor-Regulated Tyrosine Kinase Substrate. Molecular and Cellular Biology, 2000, 20, 7685-7692.	2.3	114
93	Fab1 Phosphatidylinositol 3-Phosphate 5-Kinase Controls Trafficking but Not Silencing of Endocytosed Receptors. Molecular Biology of the Cell, 2006, 17, 3989-4001.	2.1	112
94	Shaping development with ESCRTs. Nature Cell Biology, 2012, 14, 38-45.	10.3	111
95	Phosphatidylinositol 3â€phosphate, a lipid that regulates membrane dynamics, protein sorting and cell signalling. BioEssays, 2013, 35, 900-912.	2.5	110
96	The endosome fusion regulator early-endosomal autoantigen 1 (EEA1) is a dimer. Biochemical Journal, 1999, 338, 539-543.	3.7	109
97	Analyzing phosphoinositides and their interacting proteins. Nature Methods, 2006, 3, 251-258.	19.0	108
98	Vps22/EAP30 in ESCRTâ€II Mediates Endosomal Sorting of Growth Factor and Chemokine Receptors Destined for Lysosomal Degradation. Traffic, 2007, 8, 1617-1629.	2.7	107
99	Syntaxin-16, a putative Golgi t-SNARE. European Journal of Cell Biology, 1998, 75, 223-231.	3.6	106
100	Differential functions of Hrs and ESCRT proteins in endocytic membrane trafficking. Experimental Cell Research, 2008, 314, 801-813.	2.6	105
101	The small GTPase Rab22 interacts with EEA1 and controls endosomal membrane trafficking. Journal of Cell Science, 2002, 115, 899-911.	2.0	105
102	Alix regulates cortical actin and the spatial distribution of endosomes. Journal of Cell Science, 2005, 118, 2625-2635.	2.0	103
103	Remodeling of secretory lysosomes during education tunes functional potential in NK cells. Nature Communications, 2019, 10, 514.	12.8	103
104	RILP is required for the proper morphology and function of late endosomes. Journal of Cell Science, 2007, 120, 3729-3737.	2.0	101
105	ANCHR mediates Aurora-B-dependent abscission checkpoint control through retention of VPS4. Nature Cell Biology, 2014, 16, 547-557.	10.3	100
106	Two distinct effectors of the small GTPase Rab5 cooperate in endocytic membrane fusion. EMBO Journal, 1998, 17, 1930-1940.	7.8	99
107	Hrs and Endocytic Sorting of Ubiquitinated Membrane Proteins.. Cell Structure and Function, 2002, 27, 403-408.	1.1	99
108	Ultrastructural characterization of giant endosomes induced by GTPase-deficient Rab5. Histochemistry and Cell Biology, 2010, 133, 41-55.	1.7	98

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109	Phosphatidylinositol 3-phosphate is found in microdomains of early endosomes. Histochemistry and Cell Biology, 2003, 120, 445-453.	1.7	94
110	Ubc4/5 and c-Cbl Continue to Ubiquitinate EGF Receptor after Internalization to Facilitate Polyubiquitination and Degradation. Molecular Biology of the Cell, 2008, 19, 3454-3462.	2.1	94
111	Phosphoinositides and phagocytosis. Journal of Cell Biology, 2001, 155, 15-18.	5.2	93
112	Structure and functions of stable intercellular bridges formed by incomplete cytokinesis during development. Communicative and Integrative Biology, 2011, 4, 1-9.	1.4	93
113	Acquisition of Hrs, an Essential Component of Phagosomal Maturation, Is Impaired by Mycobacteria. Molecular and Cellular Biology, 2004, 24, 4593-4604.	2.3	90
114	Cytokinesis and cancer. FEBS Letters, 2010, 584, 2652-2661.	2.8	90
115	Concerted ESCRT and clathrin recruitment waves define the timing and morphology of intraluminal vesicle formation. Nature Communications, 2018, 9, 2932.	12.8	90
116	The Abscission Checkpoint: Making It to the Final Cut. Trends in Cell Biology, 2017, 27, 1-11.	7.9	88
117	Ubiquitylation of the gap junction protein connexin-43 signals its trafficking from early endosomes to lysosomes in a process mediated by Hrs and Tsg101. Journal of Cell Science, 2009, 122, 3883-3893.	2.0	86
118	ClassÂ<scp>III</scp> phosphatidylinositol 3â€“kinase and its catalytic product <scp>P</scp>tdIns3<scp>P</scp> in regulation of endocytic membrane traffic. FEBS Journal, 2013, 280, 2730-2742.	4.7	85
119	Molecular Mechanisms of Ubiquitin-Dependent Membrane Traffic. Annual Review of Biophysics, 2011, 40, 119-142.	10.0	83
120	STEEP mediates STING ER exit and activation of signaling. Nature Immunology, 2020, 21, 868-879.	14.5	82
121	ESCRT proteins in physiology and disease. Experimental Cell Research, 2009, 315, 1619-1626.	2.6	80
122	Regulation of Early Endosomal Entry by theDrosophilaTumor Suppressors Rabenosyn and Vps45. Molecular Biology of the Cell, 2008, 19, 4167-4176.	2.1	79
123	Novel ESCRT functions in cell biology: spiraling out of control?. Current Opinion in Cell Biology, 2016, 41, 1-8.	5.4	78
124	Ubiquitination and phosphorylation of Beclin 1 and its binding partners: Tuning class III phosphatidylinositol 3â€kinase activity and tumor suppression. FEBS Letters, 2012, 586, 1584-1591.	2.8	77
125	Unrestrained ESCRT-III drives micronuclear catastrophe and chromosome fragmentation. Nature Cell Biology, 2020, 22, 856-867.	10.3	75
126	Sealing holes in cellular membranes. EMBO Journal, 2021, 40, e106922.	7.8	75

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127	An endosomally localized isoform of Eps15 interacts with Hrs to mediate degradation of epidermal growth factor receptor. Journal of Cell Biology, 2008, 180, 1205-1218.	5.2	74
128	A dual function for Deep orange in programmed autophagy in the Drosophila melanogaster fat body. Experimental Cell Research, 2006, 312, 2018-2027.	2.6	73
129	Phosphoinositide 3-kinases as accelerators and brakes of autophagy. FEBS Journal, 2013, 280, 6322-6337.	4.7	73
130	Multiple functions of the SNARE protein Snap29 in autophagy, endocytic, and exocytic trafficking during epithelial formation inDrosophila. Autophagy, 2014, 10, 2251-2268.	9.1	72
131	PX domains: attracted by phosphoinositides. Nature Cell Biology, 2001, 3, E179-E181.	10.3	69
132	The endosome fusion regulator early-endosomal autoantigen 1 (EEA1) is a dimer. Biochemical Journal, 1999, 338, 539.	3.7	66
133	Control of Notch-ligand endocytosis by ligand-receptor interaction. Journal of Cell Science, 2010, 123, 2931-2942.	2.0	66
134	CISK attenuates degradation of the chemokine receptor CXCR4 via the ubiquitin ligase AIP4. EMBO Journal, 2006, 25, 3738-3749.	7.8	65
135	Production of phosphatidylinositol 5â€phosphate via PIKfyve and MTMR3 regulates cell migration. EMBO Reports, 2013, 14, 57-64.	4.5	64
136	ESCRT proteins restrict constitutive NF-Îºß signaling by trafficking cytokine receptors. Science Signaling, 2016, 9, ra8.	3.6	64
137	UVRAGmutations associated with microsatellite unstable colon cancer do not affect autophagy. Autophagy, 2010, 6, 863-870.	9.1	63
138	Diphtheria toxin entry: protein translocation in the reverse direction. Trends in Biochemical Sciences, 1988, 13, 348-351.	7.5	61
139	Cloning and subcellular localization of a human phosphatidylinositol 3-phosphate 5-kinase, PIKfyve/Fab1. Gene, 2006, 371, 34-41.	2.2	61
140	Autophagy as a trigger for cell death: Autophagic degradation of inhibitor of apoptosis dBruce controls DNA fragmentation during late oogenesis in Drosophila. Autophagy, 2010, 6, 1214-1215.	9.1	61
141	TRAF6 mediates ubiquitination of KIF23/MKLP1 and is required for midbody ring degradation by selective autophagy. Autophagy, 2013, 9, 1955-1964.	9.1	61
142	The PI 3-kinase regulator Vps15 is required for autophagic clearance of protein aggregates. Autophagy, 2008, 4, 500-506.	9.1	58
143	ESCRT & Co. Biology of the Cell, 2010, 102, 293-318.	2.0	56
144	Protein Secretion: Unconventional Exit by Exophagy. Current Biology, 2010, 20, R415-R418.	3.9	54

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145	ALIX and ESCRT-III Coordinately Control Cytokinetic Abscission during Germline Stem Cell Division In Vivo. PLoS Genetics, 2015, 11, e1004904.	3.5	54
146	Intracellular trafficking and turnover of phosphatidylinositol 3-phosphate. Seminars in Cell and Developmental Biology, 2001, 12, 193-199.	5.0	53
147	Direct interaction of EEA1 with Rab5b. FEBS Journal, 1999, 265, 361-366.	0.2	52
148	Structural basis of ubiquitin recognition by mammalian Eap45 GLUE domain. Nature Structural and Molecular Biology, 2006, 13, 1031-1032.	8.2	50
149	Disruption of Vps4 and JNK Function in Drosophila Causes Tumour Growth. PLoS ONE, 2009, 4, e4354.	2.5	50
150	Cindr Interacts with Anillin to Control Cytokinesis in Drosophila melanogaster. Current Biology, 2010, 20, 944-950.	3.9	50
151	Association of CHMP4B and Autophagy with Micronuclei: Implications for Cataract Formation. BioMed Research International, 2014, 2014, 1-10.	1.9	49
152	Dual degradation mechanisms ensure disposal of NHE6 mutant protein associated with neurological disease. Experimental Cell Research, 2009, 315, 3014-3027.	2.6	45
153	ESCRT Proteins and Cell Signalling. Traffic, 2011, 12, 1291-1297.	2.7	45
154	Photochemical internalization (PCI) of immunotoxins targeting CD133 is specific and highly potent at femtomolar levels in cells with cancer stem cell properties. Journal of Controlled Release, 2013, 168, 317-326.	9.9	44
155	Protrudin-mediated ERâ€“endosome contact sites promote MT1-MMP exocytosis and cell invasion. Journal of Cell Biology, 2020, 219, .	5.2	43
156	Divide and ProsPer: The emerging role of PtdIns3P in cytokinesis. Trends in Cell Biology, 2010, 20, 642-649.	7.9	41
157	[19] Expression of Rab GTPases using recombinant vaccinia viruses. Methods in Enzymology, 1995, 257, 155-164.	1.0	39
158	Structure, Dynamics, and Functionality of Tankyrase Inhibitor-Induced Degradasomes. Molecular Cancer Research, 2015, 13, 1487-1501.	3.4	38
159	Phosphorylation of Hrs downstream of the epidermal growth factor receptor. FEBS Journal, 2002, 269, 3881-3887.	0.2	37
160	Moonlighting at the pole. Nature, 2007, 445, 497-499.	27.8	36
161	Deubiquitinase inhibition by WP1130 leads to ULK1 aggregation and blockade of autophagy. Autophagy, 2015, 11, 1458-1470.	9.1	35
162	ESCRTing autophagic clearance of aggregating proteins. Autophagy, 2008, 4, 233-236.	9.1	34

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163	The ESCRT machinery mediates polarization of fibroblasts through regulation of myosin light chain. Journal of Cell Science, 2012, 125, 29-36.	2.0	32
164	Endosomal microautophagy is an integrated part of the autophagic response to amino acid starvation. Autophagy, 2019, 15, 182-183.	9.1	32
165	The role of ESCRT proteins in attenuation of cell signalling. Biochemical Society Transactions, 2009, 37, 137-142.	3.4	30
166	A Tumor-Associated Mutation of FYVE-CENT Prevents Its Interaction with Beclin 1 and Interferes with Cytokinesis. PLoS ONE, 2011, 6, e17086.	2.5	30
167	The GAS6-AXL signaling pathway triggers actin remodeling that drives membrane ruffling, macropinocytosis, and cancer-cell invasion. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	30
168	Biophysical and molecular mechanisms of ESCRT functions, and their implications for disease. Current Opinion in Cell Biology, 2022, 75, 102062.	5.4	30
169	Self-eating from an ER-associated cup. Journal of Cell Biology, 2008, 182, 621-622.	5.2	29
170	Cell Polarity and Migration: Emerging Role for the Endosomal Sorting Machinery. Physiology, 2011, 26, 171-180.	3.1	29
171	WDFY2 restrains matrix metalloproteinase secretion and cell invasion by controlling VAMP3-dependent recycling. Nature Communications, 2019, 10, 2850.	12.8	29
172	Centralspindlin Recruits ALIX to the Midbody during Cytokinetic Abscission in Drosophila via a Mechanism Analogous to Virus Budding. Current Biology, 2019, 29, 3538-3548.e7.	3.9	29
173	Autoantibodies to a Novel Early Endosome Antigen 1. Clinical Immunology and Immunopathology, 1998, 86, 81-87.	2.0	28
174	FYVE finger proteins as effectors of phosphatidylinositol 3-phosphate. Chemistry and Physics of Lipids, 1999, 98, 87-94.	3.2	28
175	Regulation of the Tumor-Suppressor Function of the Class III Phosphatidylinositol 3-Kinase Complex by Ubiquitin and SUMO. Cancers, 2015, 7, 1-29.	3.7	28
176	Phosphoinositides in membrane contact sites. Biochemical Society Transactions, 2016, 44, 425-430.	3.4	28
177	Class III phosphatidylinositol-3-OH kinase controls epithelial integrity through endosomal LKB1 regulation. Nature Cell Biology, 2017, 19, 1412-1423.	10.3	28
178	The TLR4 adaptor TRAM controls the phagocytosis of Gram-negative bacteria by interacting with the Rab11-family interacting protein 2. PLoS Pathogens, 2019, 15, e1007684.	4.7	28
179	Cellâ€cycleâ€dependent binding kinetics for the early endosomal tethering factor EEA1. EMBO Reports, 2008, 9, 171-178.	4.5	27
180	The PtdIns3Pâ€Binding Protein Phafin 2 Mediates Epidermal Growth Factor Receptor Degradation by Promoting Endosome Fusion. Traffic, 2012, 13, 1547-1563.	2.7	27

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181	The phosphatidylinositol 3-phosphate-binding protein SNX4 controls ATG9A recycling and autophagy. Journal of Cell Science, 2021, 134, .	2.0	27
182	ESCRTs in membrane sealing. Biochemical Society Transactions, 2018, 46, 773-778.	3.4	26
183	Protein toxins with intracellular targets. Microbial Pathogenesis, 1990, 8, 163-168.	2.9	25
184	Spatiotemporal control of Cindr at ring canals during incomplete cytokinesis in the Drosophila male germline. Developmental Biology, 2013, 377, 9-20.	2.0	25
185	ERâ€“endosome contact sites in endosome positioning and protrusion outgrowth. Biochemical Society Transactions, 2016, 44, 441-446.	3.4	25
186	CELL BIOLOGY: A Lipid Oils the Endocytosis Machine. Science, 2001, 291, 993-994.	12.6	24
187	Differential Roles of AXIN1 and AXIN2 in Tankyrase Inhibitor-Induced Formation of Degradasomes and Î²-Catenin Degradation. PLoS ONE, 2017, 12, e0170508.	2.5	24
188	Endocytosis of the dermatan sulfate proteoglycan decorin utilizes multiple pathways and is modulated by epidermal growth factor receptor signaling. Biochimie, 2007, 89, 637-657.	2.6	22
189	Closing a gap in the nuclear envelope. Current Opinion in Cell Biology, 2016, 40, 90-97.	5.4	22
190	Working out coupled monoubiquitination. Nature Cell Biology, 2006, 8, 1218-1219.	10.3	21
191	Protein crowding mediates membrane remodeling in upstream ESCRT-induced formation of intraluminal vesicles. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 28614-28624.	7.1	21
192	Both clathrin-positive and -negative coats are involved in endosomal sorting of the EGF receptor. Experimental Cell Research, 2006, 312, 3036-3048.	2.6	20
193	Sensing of nutrients by CPT1C regulates late endosome/lysosome anterograde transport and axon growth. ELife, 2019, 8, .	6.0	20
194	A new side to ubiquitin. Trends in Biochemical Sciences, 2006, 31, 541-544.	7.5	17
195	The Rabs: A family at the root of metazoan evolution. BMC Biology, 2012, 10, 68.	3.8	17
196	The phosphoinositide coincidence detector Phafin2 promotes macropinocytosis by coordinating actin organisation at forming macropinosomes. Nature Communications, 2021, 12, 6577.	12.8	17
197	Membrane traffic: Cycling lipids. Current Biology, 2000, 10, R57-R59.	3.9	16
198	Ubiquitination of Î±-integrin cytoplasmic tails. Communicative and Integrative Biology, 2010, 3, 583-585.	1.4	16

#	Article	IF	Citations
199	Cell Differentiation: Midbody Remnants â€" Junk or Fate Factors?. Current Biology, 2011, 21, R958-R960.	3.9	16
200	Peroxisomal Targeting as a Tool for Assaying Protein-Protein Interactions in the Living Cell. Journal of Biological Chemistry, 2004, 279, 4794-4801.	3.4	15
201	Cargoâ€Dependent Degradation of ESCRTâ€I as a Feedback Mechanism to Modulate Endosomal Sorting. Traffic, 2011, 12, 1211-1226.	2.7	14
202	An Isoprenylation and Palmitoylation Motif Promotes Intraluminal Vesicle Delivery of Proteins in Cells from Distant Species. PLoS ONE, 2014, 9, e107190.	2.5	14
203	A Helix for the Final Cut. Science, 2011, 331, 1533-1534.	12.6	13
204	CK2 involvement in ESCRT-III complex phosphorylation. Archives of Biochemistry and Biophysics, 2014, 545, 83-91.	3.0	13
205	The Rab5 effector Rabaptin-5 and its isoform Rabaptin-5Î´ differ in their ability to interact with the small GTPase Rab4. FEBS Journal, 2004, 272, 37-46.	4.7	12
206	Src64 controls a novel actin network required for proper ring canal formation in the Drosophila male germline. Development (Cambridge), 2015, 142, 4107-4118.	2.5	12
207	Centrosomal ALIX regulates mitotic spindle orientation by modulating astral microtubule dynamics. EMBO Journal, 2018, 37, .	7.8	12
208	A ZO-1/Î±5Î²1-Integrin Complex Regulates Cytokinesis Downstream of PKCÎµ in NCI-H460 Cells Plated on Fibronectin. PLoS ONE, 2013, 8, e70696.	2.5	11
209	JIP4 is recruited by the phosphoinositide-binding protein Phafin2 to promote recycling tubules on macropinosomes. Journal of Cell Science, 2021, 134, .	2.0	10
210	Trafficking of Phosphatidylinositol 3-Phosphate from the trans-Golgi Network to the Lumen of the Central Vacuole in Plant Cells. Plant Cell, 2001, 13, 287.	6.6	9
211	How a lipid mediates tumour suppression. Delivered on 29 June 2010 at the 35th FEBS Congress in Gothenburg, Sweden. FEBS Journal, 2010, 277, 4837-4848.	4.7	9
212	SARA and RNF11 at the Crossroads of EGFR Signaling and Trafficking. Methods in Enzymology, 2014, 535, 225-247.	1.0	9
213	<scp>LRRK</scp> 2 to the rescue of damaged endomembranes. EMBO Journal, 2020, 39, e106162.	7.8	9
214	Scattering-type Scanning Near-Field Optical Microscopy of Polymer-Coated Gold Nanoparticles. ACS Omega, 2022, 7, 11353-11362.	3.5	9
215	Arv1 promotes cell division by recruiting IQGAP1 and myosin to the cleavage furrow. Cell Cycle, 2016, 15, 628-643.	2.6	8
216	The Structure of an Endosomal Protein Sorter. Developmental Cell, 2004, 7, 457-458.	7.0	7

#	Article	IF	Citations
217	Seeing is believing. Nature Reviews Molecular Cell Biology, 2009, 10, 582-582.	37.0	6
218	ESCRTing Membrane Deformation. Cell, 2009, 136, 15-17.	28.9	6
219	Antibody crossreactivity between the tumour suppressor PHLPP1 and the protoâ€oncogene Î²â€catenin. EMBO Reports, 2013, 14, 10-11.	4.5	6
220	Should I bend or should I grow: the mechanisms of droplet-mediated autophagosome formation. Autophagy, 2021, 17, 1046-1048.	9.1	6
221	Formation of Tankyrase Inhibitor-Induced Degradasomes Requires Proteasome Activity. PLoS ONE, 2016, 11, e0160507.	2.5	6
222	Time-Resolved Ultrastructural Detection of Phosphatidylinositol 3-Phosphate. Journal of Histochemistry and Cytochemistry, 2010, 58, 1025-1032.	2.5	5
223	Clathrin regulates Wnt/Î²-catenin signaling by affecting Golgi to plasma membrane transport of transmembrane proteins. Journal of Cell Science, 2020, 133, .	2.0	5
224	How a RING Finger Protein and a Steroid Hormone Control Autophagy?. Autophagy, 2006, 2, 321-322.	9.1	4
225	Membranes and organelles. Current Opinion in Cell Biology, 2008, 20, 357-359.	5.4	4
226	Plasma membrane repairs by small GTPase Rab3a. Journal of Cell Biology, 2016, 213, 613-615.	5.2	4
227	Monitoring Phosphatidylinositol 3-Phosphate in Multivesicular Endosome Biogenesis. Methods in Enzymology, 2014, 534, 3-23.	1.0	4
228	Integrin Î±11Î²1 and syndecan-4 dual receptor ablation attenuate cardiac hypertrophy in the pressure overloaded heart. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H1057-H1071.	3.2	4
229	An <scp>ER</scp> clamp for endosome fission. EMBO Journal, 2015, 34, 136-137.	7.8	3
230	ESCRTs. Current Biology, 2007, 17, R42-R43.	3.9	2
231	The Rab5 effector Rabaptin-5 and its isoform Rabaptin-5delta differ in their ability to interact with the small GTPase Rab4. FEBS Journal, 2005, 272, 37-46.	4.7	2
232	Introduction. Seminars in Cell and Developmental Biology, 2001, 12, 135-137.	5.0	1
233	The FYVE Finger: A Phosphoinositide Binding Domain. , 2005, , 128-133.		1
234	Growth Signaling from Inside. Science, 2011, 334, 611-612.	12.6	1

#	Article	IF	Citations
235	Tumor suppression by control of matrix metalloproteinase recycling. Molecular and Cellular Oncology, 2019, 6, e1646606.	0.7	1
236	Divalent ligand-monovalent molecule binding. Soft Matter, 2021, 17, 5375-5383.	2.7	1
237	Protein Sorting in Endosomes. , 2006, , 76-88.		1
238	Stimulating the cell's appetite for itself. Nature Chemical Biology, 2007, 3, 304-306.	8.0	0
239	Corrigendum to â€œCytokinesis and cancerâ€•[FEBS Lett. 584 (2010) 2652-2661]. FEBS Letters, 2010, 584, 4128-4128.	2.8	0
240	Suppressing mTORC1 on the lysosome. EMBO Journal, 2017, 36, 1809-1810.	7.8	0
241	Orchestrating Nuclear Envelope Sealing during Mitosis. Developmental Cell, 2018, 47, 541-542.	7.0	0
242	ESCRTed resistance to T cell attack. Trends in Immunology, 2022, , .	6.8	0