

# Endosomal and non-endosomal functions of ESCRT proteins

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Citation Report

#	ARTICLE	IF	CITATIONS
1	RILP interacts with the VPS22 component of the ESCRT-II complex. <i>Biochemical and Biophysical Research Communications</i> , 2006, 347, 1074-1079.	2.1	45
2	Ultrastructural Analysis of ESCRT Proteins Suggests a Role for Endosome-Associated Tubular-Vesicular Membranes in ESCRT Function. <i>Traffic</i> , 2006, 7, 1551-1566.	2.7	61
3	Structural basis of ubiquitin recognition by mammalian Eap45 GLUE domain. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 1031-1032.	8.2	50
4	Intra-endosomal membrane traffic. <i>Trends in Cell Biology</i> , 2006, 16, 514-521.	7.9	177
5	Herpes Simplex Virus Type 1 Cytoplasmic Envelopment Requires Functional Vps4. <i>Journal of Virology</i> , 2007, 81, 7380-7387.	3.4	142
6	Core Protein Machinery for Mammalian Phosphatidylinositol 3,5-Bisphosphate Synthesis and Turnover That Regulates the Progression of Endosomal Transport. <i>Journal of Biological Chemistry</i> , 2007, 282, 23878-23891.	3.4	171
7	Gene activities that mediate increased life span of <i>C. elegans</i> insulin-like signaling mutants. <i>Genes and Development</i> , 2007, 21, 2976-2994.	5.9	183
8	Ubiquitinylation of Ig $\beta$ Dictates the Endocytic Fate of the B Cell Antigen Receptor. <i>Journal of Immunology</i> , 2007, 179, 4435-4443.	0.8	56
9	Arrestin-2 Interacts with the Ubiquitin-Protein Isopeptide Ligase Atrophin-interacting Protein 4 and Mediates Endosomal Sorting of the Chemokine Receptor CXCR4. <i>Journal of Biological Chemistry</i> , 2007, 282, 36971-36979.	3.4	174
10	Binding of Cbl to a Phospholipase C $\beta$ 1-docking Site on Platelet-derived Growth Factor Receptor $\beta$ 2 Provides a Dual Mechanism of Negative Regulation. <i>Journal of Biological Chemistry</i> , 2007, 282, 29336-29347.	3.4	36
11	Vesicle formation by self-assembly of membrane-bound matrix proteins into a fluidlike budding domain. <i>Journal of Cell Biology</i> , 2007, 179, 627-633.	5.2	53
12	Spongiform Neurodegeneration-associated E3 Ligase Mahogunin Ubiquitylates TSG101 and Regulates Endosomal Trafficking. <i>Molecular Biology of the Cell</i> , 2007, 18, 1129-1142.	2.1	125
13	Modeling complex genetic interactions in a simple eukaryotic genome: actin displays a rich spectrum of complex haploinsufficiencies. <i>Genes and Development</i> , 2007, 21, 148-159.	5.9	80
14	Atg19 Mediates a Dual Interaction Cargo Sorting Mechanism in Selective Autophagy. <i>Molecular Biology of the Cell</i> , 2007, 18, 919-929.	2.1	55
15	Asymmetric Cell Divisions of Human Hematopoietic Stem and Progenitor Cells Meet Endosomes. <i>Cell Cycle</i> , 2007, 6, 2201-2204.	2.6	13
16	Endocytic Trafficking of Sphingomyelin Depends on Its Acyl Chain Length. <i>Molecular Biology of the Cell</i> , 2007, 18, 5113-5123.	2.1	65
17	Split-Ubiquitin Two-Hybrid Assay To Analyze Protein-Protein Interactions at the Endosome: Application to <i>Saccharomyces cerevisiae</i> Bro1 Interacting with ESCRT Complexes, the Doa4 Ubiquitin Hydrolase, and the Rsp5 Ubiquitin Ligase. <i>Eukaryotic Cell</i> , 2007, 6, 1266-1277.	3.4	31
18	Ubiquitination of Human Immunodeficiency Virus Type 1 Gag Is Highly Dependent on Gag Membrane Association. <i>Journal of Virology</i> , 2007, 81, 9193-9201.	3.4	35

#	ARTICLE	IF	CITATIONS
19	The Transmembrane Domain of Acid Trehalase Mediates Ubiquitin-independent Multivesicular Body Pathway Sorting. <i>Molecular Biology of the Cell</i> , 2007, 18, 2511-2524.	2.1	24
20	RILP is required for the proper morphology and function of late endosomes. <i>Journal of Cell Science</i> , 2007, 120, 3729-3737.	2.0	101
21	The Clathrin Adaptor Complex AP-1 Binds HIV-1 and MLV Gag and Facilitates Their Budding. <i>Molecular Biology of the Cell</i> , 2007, 18, 3193-3203.	2.1	89
22	Hepatitis B Virus Maturation Is Sensitive to Functional Inhibition of ESCRT-III, Vps4, and Î³2-Adaptin. <i>Journal of Virology</i> , 2007, 81, 9050-9060.	3.4	159
23	Intracellular Trafficking and Maturation of Herpes Simplex Virus Type 1 gB and Virus Egress Require Functional Biogenesis of Multivesicular Bodies. <i>Journal of Virology</i> , 2007, 81, 11468-11478.	3.4	107
24	The YLDL Sequence within Sendai Virus M Protein Is Critical for Budding of Virus-Like Particles and Interacts with Alix/AIP1 Independently of C Protein. <i>Journal of Virology</i> , 2007, 81, 2263-2273.	3.4	65
25	HD-PTP and Alix share some membrane-traffic related proteins that interact with their Bro1 domains or proline-rich regions. <i>Archives of Biochemistry and Biophysics</i> , 2007, 457, 142-149.	3.0	58
26	ALG-2 directly binds Sec31A and localizes at endoplasmic reticulum exit sites in a Ca <sup>2+</sup> -dependent manner. <i>Biochemical and Biophysical Research Communications</i> , 2007, 353, 756-763.	2.1	78
27	Molecular Architecture and Functional Model of the Complete Yeast ESCRT-I Heterotetramer. <i>Cell</i> , 2007, 129, 485-498.	28.9	150
28	The Vps27/Hse1 Complex Is a GAT Domain-Based Scaffold for Ubiquitin-Dependent Sorting. <i>Developmental Cell</i> , 2007, 12, 973-986.	7.0	67
29	More than one door - Budding of enveloped viruses through cellular membranes. <i>FEBS Letters</i> , 2007, 581, 2089-2097.	2.8	164
30	Biogenesis and Function of Multivesicular Bodies. <i>Annual Review of Cell and Developmental Biology</i> , 2007, 23, 519-547.	9.4	628
31	Functional multivesicular bodies are required for autophagic clearance of protein aggregates associated with neurodegenerative disease. <i>Journal of Cell Biology</i> , 2007, 179, 485-500.	5.2	559
32	Proteomics analyses of ovarian cancer using genetically defined human ovarian cancer models. <i>Frontiers in Bioscience - Landmark</i> , 2007, 12, 5166.	3.0	4
33	Genetic connections of the actin cytoskeleton and beyond. <i>BioEssays</i> , 2007, 29, 407-411.	2.5	9
34	Oligodendrocytes secrete exosomes containing major myelin and stress-protective proteins: Trophic support for axons?. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1446-1461.	1.6	423
35	Moonlighting at the pole. <i>Nature</i> , 2007, 445, 497-499.	27.8	36
36	Sperm alliance. <i>Nature</i> , 2007, 445, 499-499.	27.8	1

#	ARTICLE	IF	CITATIONS
37	SNX4 coordinates endosomal sorting of TfnR with dynein-mediated transport into the endocytic recycling compartment. <i>Nature Cell Biology</i> , 2007, 9, 1370-1380.	10.3	233
38	The emerging shape of the ESCRT machinery. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 355-368.	37.0	632
39	Lysosomes: fusion and function. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 622-632.	37.0	1,397
40	Structural insight into the ESCRT-I/II link and its role in MVB trafficking. <i>EMBO Journal</i> , 2007, 26, 600-612.	7.8	117
41	A concentric circle model of multivesicular body cargo sorting. <i>EMBO Reports</i> , 2007, 8, 644-650.	4.5	80
42	Structural basis for viral late-domain binding to Alix. <i>Nature Structural and Molecular Biology</i> , 2007, 14, 194-199.	8.2	142
43	Structural basis for selective recognition of ESCRT-III by the AAA ATPase Vps4. <i>Nature</i> , 2007, 449, 735-739.	27.8	287
44	<i>Mycobacterium tuberculosis</i> and the environment within the phagosome. <i>Immunological Reviews</i> , 2007, 219, 37-54.	6.0	314
45	Evidence for a Direct Role of the Doa4 Deubiquitinating Enzyme in Protein Sorting into the MVB Pathway. <i>Traffic</i> , 2007, 8, 566-581.	2.7	46
46	Annexins and Endocytosis. <i>Traffic</i> , 2007, 8, 951-958.	2.7	119
47	PalC, One of Two Bro1 Domain Proteins in the Fungal pH Signalling Pathway, Localizes to Cortical Structures and Binds Vps32. <i>Traffic</i> , 2007, 8, 1346-1364.	2.7	64
48	Vps22/EAP30 in ESCRT-II Mediates Endosomal Sorting of Growth Factor and Chemokine Receptors Destined for Lysosomal Degradation. <i>Traffic</i> , 2007, 8, 1617-1629.	2.7	107
49	Dynamic control of signaling by modular adaptor proteins. <i>Current Opinion in Cell Biology</i> , 2007, 19, 112-116.	5.4	183
50	Ubiquitin-dependent sorting of integral membrane proteins for degradation in lysosomes. <i>Current Opinion in Cell Biology</i> , 2007, 19, 459-465.	5.4	144
51	ESCRTs. <i>Current Biology</i> , 2007, 17, R42-R43.	3.9	2
52	Membrane Curvature: The Power of Bananas, Zeppelins and Boomerangs. <i>Current Biology</i> , 2007, 17, R455-R457.	3.9	12
53	Color Vision: Mice See Hue Too. <i>Current Biology</i> , 2007, 17, R457-R460.	3.9	10
54	Nuclear functions of endocytic proteins. <i>European Journal of Cell Biology</i> , 2007, 86, 533-547.	3.6	39

#	ARTICLE	IF	CITATIONS
55	Sendai virus budding in the course of an infection does not require Alix and VPS4A host factors. <i>Virology</i> , 2007, 365, 101-112.	2.4	41
56	ESCRTing proteins in the endocytic pathway. <i>Trends in Biochemical Sciences</i> , 2007, 32, 561-573.	7.5	274
57	PIKfyve: Partners, significance, debates and paradoxes. <i>Cell Biology International</i> , 2008, 32, 591-604.	3.0	149
58	Endocytosis: A Positive or a Negative Influence on Wnt Signalling?. <i>Traffic</i> , 2008, 9, 1-9.	2.7	73
59	The ESCRT-II Subunit TSG101 Controls Endosome-to-Cytosol Release of Viral RNA. <i>Traffic</i> , 2008, 9, 2279-2290.	2.7	56
60	Nucleotide-Dependent Conformational Changes and Assembly of the AAA ATPase SKD1/VPS4B. <i>Traffic</i> , 2008, 9, 2180-2189.	2.7	29
61	Brox, a novel farnesylated Bro1 domain-containing protein that associates with charged multivesicular body protein-4 (CHMP4). <i>FEBS Journal</i> , 2008, 275, 682-692.	4.7	32
62	Mature ribosomes are selectively degraded upon starvation by an autophagy pathway requiring the Ubp3p/Bre5p ubiquitin protease. <i>Nature Cell Biology</i> , 2008, 10, 602-610.	10.3	639
63	GISP binding to TSG101 increases GABA <sub>B</sub> receptor stability by down-regulating ESCRT-mediated lysosomal degradation. <i>Journal of Neurochemistry</i> , 2008, 107, 86-95.	3.9	31
64	Recruitment of Alix/AIP1 to the plasma membrane by Sendai virus C protein facilitates budding of virus-like particles. <i>Virology</i> , 2008, 371, 108-120.	2.4	44
65	Differential functions of Hrs and ESCRT proteins in endocytic membrane trafficking. <i>Experimental Cell Research</i> , 2008, 314, 801-813.	2.6	105
66	Characterization of Rab21-positive tubular endosomes induced by PI3K inhibitors. <i>Experimental Cell Research</i> , 2008, 314, 729-737.	2.6	14
67	The reduced catalase expression in TrkA-induced cells leads to autophagic cell death via ROS accumulation. <i>Experimental Cell Research</i> , 2008, 314, 3094-3106.	2.6	134
68	ESCRT complexes and the biogenesis of multivesicular bodies. <i>Current Opinion in Cell Biology</i> , 2008, 20, 4-11.	5.4	401
69	Structure and Disassembly of Filaments Formed by the ESCRT-III Subunit Vps24. <i>Structure</i> , 2008, 16, 1345-1356.	3.3	124
70	Hrs and SNX3 Functions in Sorting and Membrane Invagination within Multivesicular Bodies. <i>PLoS Biology</i> , 2008, 6, e214.	5.6	87
71	EGFR Signaling Networks in Cancer Therapy. , 2008, , .		11
72	Regulation of GPCRs by Endocytic Membrane Trafficking and Its Potential Implications. <i>Annual Review of Pharmacology and Toxicology</i> , 2008, 48, 537-568.	9.4	526

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73	Integrated Structural Model and Membrane Targeting Mechanism of the Human ESCRT-II Complex. <i>Developmental Cell</i> , 2008, 14, 902-913.	7.0	91
74	Ordered Assembly of the ESCRT-III Complex on Endosomes Is Required to Sequester Cargo during MVB Formation. <i>Developmental Cell</i> , 2008, 15, 578-589.	7.0	299
75	In Vitro Budding of Intraluminal Vesicles into Late Endosomes Is Regulated by Alix and Tsg101. <i>Molecular Biology of the Cell</i> , 2008, 19, 4942-4955.	2.1	86
76	Novel Ist1-Did2 Complex Functions at a Late Step in Multivesicular Body Sorting. <i>Molecular Biology of the Cell</i> , 2008, 19, 475-484.	2.1	118
77	ESCRT functions in autophagy and associated disease. <i>Cell Cycle</i> , 2008, 7, 1166-1172.	2.6	94
78	Breaking up is hard to do – membrane traffic in cytokinesis. <i>Journal of Cell Science</i> , 2008, 121, 1569-1576.	2.0	92
79	Efficient and Specific Rescue of Human Immunodeficiency Virus Type 1 Budding Defects by a Nedd4-Like Ubiquitin Ligase. <i>Journal of Virology</i> , 2008, 82, 4898-4907.	3.4	95
80	Midbody Targeting of the ESCRT Machinery by a Noncanonical Coiled Coil in CEP55. <i>Science</i> , 2008, 322, 576-580.	12.6	228
81	Plasma membrane deformation by circular arrays of ESCRT-III protein filaments. <i>Journal of Cell Biology</i> , 2008, 180, 389-402.	5.2	386
82	Chmp1A functions as a novel tumor suppressor gene in human embryonic kidney and ductal pancreatic tumor cells. <i>Cell Cycle</i> , 2008, 7, 2886-2893.	2.6	43
83	Amiodarone Alters Late Endosomes and Inhibits SARS Coronavirus Infection at a Post-Endosomal Level. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2008, 39, 142-149.	2.9	91
84	ESCRTing autophagic clearance of aggregating proteins. <i>Autophagy</i> , 2008, 4, 233-236.	9.1	34
85	A dominant-negative ESCRT-III protein perturbs cytokinesis and trafficking to lysosomes. <i>Biochemical Journal</i> , 2008, 411, 233-239.	3.7	44
86	Using yeast as a model system for the genetic dissection of $\alpha$ -synuclein toxicity. , 2008, , 433-448.		0
87	Ultrastructural analysis of lysosome reactions to inside-out cell membrane vesicles in a cell-free system. <i>Okajimas Folia Anatomica Japonica</i> , 2009, 86, 37-44.	1.2	0
88	Common and Distinct Genetic Properties of ESCRT-II Components in <i>Drosophila</i> . <i>PLoS ONE</i> , 2009, 4, e4165.	2.5	36
89	Physiological Involvement in pH Signaling of Vps24-mediated Recruitment of <i>Aspergillus</i> PalB Cysteine Protease to ESCRT-III. <i>Journal of Biological Chemistry</i> , 2009, 284, 4404-4412.	3.4	54
90	A Unique Role for the Host ESCRT Proteins in Replication of Tomato bushy stunt virus. <i>PLoS Pathogens</i> , 2009, 5, e1000705.	4.7	168

#	ARTICLE	IF	CITATIONS
91	N-glycans are direct determinants of CFTR folding and stability in secretory and endocytic membrane traffic. <i>Journal of Cell Biology</i> , 2009, 184, 847-862.	5.2	118
92	Hybrid Structural Model of the Complete Human ESCRT-0 Complex. <i>Structure</i> , 2009, 17, 406-416.	3.3	56
93	A genome-wide deletion mutant screen identifies pathways affected by nickel sulfate in <i>Saccharomyces cerevisiae</i> . <i>BMC Genomics</i> , 2009, 10, 524.	2.8	44
94	Endocytosis and intracellular trafficking of ErbBs. <i>Experimental Cell Research</i> , 2009, 315, 683-696.	2.6	581
95	No exit: Targeting the budding process to inhibit filovirus replication. <i>Antiviral Research</i> , 2009, 81, 189-197.	4.1	62
96	The ESCRT-III protein CeVPS-32 is enriched in domains distinct from CeVPS-27 and CeVPS-23 at the endosomal membrane of epithelial cells. <i>Biology of the Cell</i> , 2009, 101, 599-615.	2.0	30
97	Membrane scission by the ESCRT-III complex. <i>Nature</i> , 2009, 458, 172-177.	27.8	554
98	Pathways and mechanisms of endocytic recycling. <i>Nature Reviews Molecular Cell Biology</i> , 2009, 10, 597-608.	37.0	1,227
99	Spastin Couples Microtubule Severing to Membrane Traffic in Completion of Cytokinesis and Secretion. <i>Traffic</i> , 2009, 10, 42-56.	2.7	209
100	Multivesicular Endosome Biogenesis in the Absence of ESCRTs. <i>Traffic</i> , 2009, 10, 925-937.	2.7	532
101	Site-Specific Ubiquitination Determines Lysosomal Sorting and Signal Attenuation of the Granulocyte Colony-Stimulating Factor Receptor. <i>Traffic</i> , 2009, 10, 1168-1179.	2.7	31
102	ESCRT-III Function is Required for Tyrp1 Transport from Early Endosomes to the Melanosome Limiting Membrane. <i>Traffic</i> , 2009, 10, 1318-1336.	2.7	40
103	The regulation of the endosomal compartment by p53 the tumor suppressor gene. <i>FEBS Journal</i> , 2009, 276, 2201-2212.	4.7	119
104	Morphogenesis of hepatitis B virus and its subviral envelope particles. <i>Cellular Microbiology</i> , 2009, 11, 1561-1570.	2.1	121
105	Membrane Protein Targeting to the MVB/Lysosome. <i>Chemical Reviews</i> , 2009, 109, 1575-1586.	47.7	55
106	GISP increases neurotransmitter receptor stability by down-regulating ESCRT-mediated lysosomal degradation. <i>Neuroscience Letters</i> , 2009, 452, 106-110.	2.1	16
107	Membrane Buckling Induced by Curved Filaments. <i>Physical Review Letters</i> , 2009, 103, 038101.	7.8	72
108	Intracellular Traffic and Neurodegenerative Disorders. <i>Research and Perspectives in Alzheimer's Disease</i> , 2009, , .	0.1	2

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109	Reconstructing the ubiquitin network - cross-talk with other systems and identification of novel functions. <i>Genome Biology</i> , 2009, 10, R33.	9.6	33
110	Functional characterization of the interactions between endosomal adaptor protein APPL1 and the NuRD co-repressor complex. <i>Biochemical Journal</i> , 2009, 423, 389-400.	3.7	24
111	Down-regulation of epidermal growth factor receptor signalling within multivesicular bodies. <i>Biochemical Society Transactions</i> , 2009, 37, 173-177.	3.4	66
112	The role of ESCRT proteins in attenuation of cell signalling. <i>Biochemical Society Transactions</i> , 2009, 37, 137-142.	3.4	30
113	Piecing together the ESCRTs. <i>Biochemical Society Transactions</i> , 2009, 37, 161-166.	3.4	10
114	The ESCRT pathway and HIV-1 budding. <i>Biochemical Society Transactions</i> , 2009, 37, 181-184.	3.4	100
115	Genetic analysis of ESCRT function in <i>Drosophila</i> : a tumour model for human Tsg101.	3.4	13
116	ESCRT & Co. <i>Biology of the Cell</i> , 2010, 102, 293-318.	2.0	56
117	Ubiquitination of tombusvirus p33 replication protein plays a role in virus replication and binding to the host Vps23p ESCRT protein. <i>Virology</i> , 2010, 397, 358-368.	2.4	78
118	Cell-Free Reconstitution of Multivesicular Body Formation and Receptor Sorting. <i>Traffic</i> , 2010, 11, 867-876.	2.7	16
119	Antibody targeting of TSG101 on influenza-infected cells. <i>Virus Adaptation and Treatment</i> , 0, , 147.	1.5	0
120	Coordination of Substrate Binding and ATP Hydrolysis in Vps4-Mediated ESCRT-III Disassembly. <i>Molecular Biology of the Cell</i> , 2010, 21, 3396-3408.	2.1	48
121	CHMP2B mutants linked to frontotemporal dementia impair maturation of dendritic spines. <i>Journal of Cell Science</i> , 2010, 123, 2943-2954.	2.0	64
122	The Yeast <i>vps</i> Class E Mutants: The Beginning of the Molecular Genetic Analysis of Multivesicular Body Biogenesis. <i>Molecular Biology of the Cell</i> , 2010, 21, 4057-4060.	2.1	23
123	G Protein-Coupled Receptor-Associated Sorting Protein 1 Regulates the Postendocytic Sorting of Seven-Transmembrane-Spanning G Protein-Coupled Receptors. <i>Pharmacology</i> , 2010, 86, 22-29.	2.2	39
124	A Targeted Spatial-Temporal Proteomics Approach Implicates Multiple Cellular Trafficking Pathways in Human Cytomegalovirus Virion Maturation. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 851-860.	3.8	90
125	Endosomal-sorting complexes required for transport (ESCRT) pathway-dependent endosomal traffic regulates the localization of active Src at focal adhesions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 16107-16112.	7.1	58
126	Understanding Cytokinesis Failure. <i>Advances in Experimental Medicine and Biology</i> , 2010, 676, 27-55.	1.6	146



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127	Global Genomics and Proteomics Approaches to Identify Host Factors as Targets to Induce Resistance Against Tomato Bushy Stunt Virus. <i>Advances in Virus Research</i> , 2010, 76, 123-177.	2.1	87
129	Recycling of the Epidermal Growth Factor Receptor Is Mediated by a Novel Form of the Clathrin Adaptor Protein Eps15. <i>Journal of Biological Chemistry</i> , 2011, 286, 35196-35208.	3.4	40
130	Host factors mediating HIV-1 replication. <i>Virus Research</i> , 2011, 161, 101-114.	2.2	71
131	NMR Reveals a Different Mode of Binding of the Stam2 VHS Domain to Ubiquitin and Diubiquitin,. <i>Biochemistry</i> , 2011, 50, 48-62.	2.5	16
132	Hereditary spastic paraplegias: membrane traffic and the motor pathway. <i>Nature Reviews Neuroscience</i> , 2011, 12, 31-42.	10.2	257
133	Receptors, subcellular compartments and the regulation of peripheral B cell responses: The illuminating state of anergy. <i>Molecular Immunology</i> , 2011, 48, 1281-1286.	2.2	22
134	The Arabidopsis ESCRT proteinâ€“protein interaction network. <i>Plant Molecular Biology</i> , 2011, 76, 85-96.	3.9	39
135	Endosomal clathrin drives actin accumulation at the immunological synapse. <i>Journal of Cell Science</i> , 2011, 124, 820-830.	2.0	80
136	Synergy between the ESCRT-III complex and Deltex defines a ligand-independent Notch signal. <i>Journal of Cell Biology</i> , 2011, 195, 1005-1015.	5.2	107
137	The tumour suppressor Lethal (2) giant discs is required for the function of the ESCRT-III component Shrub/CHMP4. <i>Journal of Cell Science</i> , 2012, 125, 763-776.	2.0	40
138	Induction of autophagy in ESCRT mutants is an adaptive response for cell survival in <i>C. elegans</i> . <i>Journal of Cell Science</i> , 2012, 125, 685-694.	2.0	50
139	Need an ESCRT for autophagosomal maturation?. <i>Communicative and Integrative Biology</i> , 2012, 5, 566-571.	1.4	20
140	Generation and Nuclear Translocation of Sumoylated Transmembrane Fragment of Cell Adhesion Molecule L1. <i>Journal of Biological Chemistry</i> , 2012, 287, 17161-17175.	3.4	55
141	Evidence for Cooperative and Domain-specific Binding of the Signal Transducing Adaptor Molecule 2 (STAM2) to Lys63-linked Diubiquitin. <i>Journal of Biological Chemistry</i> , 2012, 287, 18687-18699.	3.4	21
142	Bul Proteins, a Nonredundant, Antagonistic Family of Ubiquitin Ligase Regulatory Proteins. <i>Eukaryotic Cell</i> , 2012, 11, 463-470.	3.4	27
143	Re-splicing of mature mRNA in cancer cells promotes activation of distant weak alternative splice sites. <i>Nucleic Acids Research</i> , 2012, 40, 7896-7906.	14.5	44
144	Endocytic routes to Notch activation. <i>Seminars in Cell and Developmental Biology</i> , 2012, 23, 437-442.	5.0	70
145	ESCRTâ€™s involvement in HIVâ€™1 genomic RNA trafficking and assembly. <i>Biology of the Cell</i> , 2012, 104, 706-721.	2.0	30

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146	Elimination of intracellularly residing <i>Mycobacterium tuberculosis</i> through targeting of host and bacterial signaling mechanisms. <i>Expert Review of Anti-Infective Therapy</i> , 2012, 10, 1007-1022.	4.4	16
147	Charcot- <i>Marie-Tooth</i> disease and intracellular traffic. <i>Progress in Neurobiology</i> , 2012, 99, 191-225.	5.7	61
148	Tumor Susceptibility Gene 101 (TSG101) Is a Novel Binding-Partner for the Class II Rab11-FIPs. <i>PLoS ONE</i> , 2012, 7, e32030.	2.5	24
149	The Roles of ESCRT Proteins in Healthy Cells and in Disease. , 2012, , .		2
150	The dependence of viral RNA replication on co-opted host factors. <i>Nature Reviews Microbiology</i> , 2012, 10, 137-149.	28.6	394
151	ESCRT-III polymers in membrane neck constriction. <i>Trends in Cell Biology</i> , 2012, 22, 133-140.	7.9	61
152	Ambient pH Signalling in <i>Yarrowia lipolytica</i> . <i>Microbiology Monographs</i> , 2013, , 121-144.	0.6	2
154	Mutation of SIMPLE in Charcot- <i>Marie-Tooth</i> 1C alters production of exosomes. <i>Molecular Biology of the Cell</i> , 2013, 24, 1619-1637.	2.1	80
155	Biogenesis of extracellular vesicles (EV): exosomes, microvesicles, retrovirus-like vesicles, and apoptotic bodies. <i>Journal of Neuro-Oncology</i> , 2013, 113, 1-11.	2.9	1,054
156	An Endothelial Cell-Specific Requirement for the <i>UL133-UL138</i> Locus of Human Cytomegalovirus for Efficient Virus Maturation. <i>Journal of Virology</i> , 2013, 87, 3062-3075.	3.4	37
157	Scratching the surface: signaling and routing dynamics of the CSF3 receptor. <i>Frontiers in Bioscience - Landmark</i> , 2013, 18, 91.	3.0	18
158	Physiological and Cellular Responses Caused by RNAi- Mediated Suppression of Snf7 Orthologue in Western Corn Rootworm ( <i>Diabrotica virgifera virgifera</i> ) Larvae. <i>PLoS ONE</i> , 2013, 8, e54270.	2.5	88
159	Receptor-mediated endocytosis and cytoskeleton. <i>Biochemistry (Moscow)</i> , 2014, 79, 865-878.	1.5	22
160	Interaction with Tsg101 Is Necessary for the Efficient Transport and Release of Nucleocapsids in Marburg Virus-Infected Cells. <i>PLoS Pathogens</i> , 2014, 10, e1004463.	4.7	46
161	Noncanonical Role for the Host Vps4 AAA+ ATPase ESCRT Protein in the Formation of Tomato Bushy Stunt Virus Replicase. <i>PLoS Pathogens</i> , 2014, 10, e1004087.	4.7	102
162	The yeast ESCRT complexes are involved in the regulation of transcription elongation. <i>Genes and Genomics</i> , 2014, 36, 335-343.	1.4	3
163	Liaison alcaline: Pals entice non-endosomal ESCRTs to the plasma membrane for pH signaling. <i>Current Opinion in Microbiology</i> , 2014, 22, 49-59.	5.1	60
164	The protein transportation pathway from Golgi to vacuoles via endosomes plays a role in enhancement of methylmercury toxicity. <i>Scientific Reports</i> , 2014, 4, 5888.	3.3	15

#	ARTICLE	IF	CITATIONS
165	Mahogunin regulates fusion between amphisomes/MVBs and lysosomes via ubiquitination of TSG101. <i>Cell Death and Disease</i> , 2015, 6, e1970-e1970.	6.3	39
166	Functional Interaction Between the ESCRT-I Component TSG101 and the HSV-1 Tegument Ubiquitin Specific Protease. <i>Journal of Cellular Physiology</i> , 2015, 230, 1794-1806.	4.1	19
167	Systematic Classification of Mixed-Lineage Leukemia Fusion Partners Predicts Additional Cancer Pathways. <i>Annals of Laboratory Medicine</i> , 2016, 36, 85-100.	2.5	57
168	The Late Endosome. , 2016, , 201-210.		8
169	ESCRTing around the Cell. , 2016, , 466-474.		0
170	ESCRT-I Component VPS23A Affects ABA Signaling by Recognizing ABA Receptors for Endosomal Degradation. <i>Molecular Plant</i> , 2016, 9, 1570-1582.	8.3	87
171	Role of Viral RNA and Co-opted Cellular ESCRT-I and ESCRT-III Factors in Formation of Tombusvirus Spherules Harboring the Tombusvirus Replicase. <i>Journal of Virology</i> , 2016, 90, 3611-3626.	3.4	51
172	The formation of multivesicular bodies in activated blastocysts is influenced by autophagy and FGF signaling in mice. <i>Scientific Reports</i> , 2017, 7, 41986.	3.3	10
173	Non-26S Proteasome Endomembrane Trafficking Pathways in ABA Signaling. <i>Trends in Plant Science</i> , 2017, 22, 976-985.	8.8	32
174	Reverse Genetics of Filoviruses. <i>Current Topics in Microbiology and Immunology</i> , 2017, 411, 421-445.	1.1	7
175	Pathological Effects of Exosomes in Mediating Diabetic Cardiomyopathy. <i>Advances in Experimental Medicine and Biology</i> , 2017, 998, 113-138.	1.6	32
176	The extracellular role of DNA damage repair protein APE1 in regulation of IL-6 expression. <i>Cellular Signalling</i> , 2017, 39, 18-31.	3.6	33
177	Marburg- and Ebolaviruses. <i>Current Topics in Microbiology and Immunology</i> , 2017, , .	1.1	4
178	Tf<sc>VPS</sc>32 Regulates Cell Division in the Parasite <i>Trichomonas foetus</i>. <i>Journal of Eukaryotic Microbiology</i> , 2018, 65, 28-37.	1.7	11
180	Polygenic Analysis in Absence of Major Effector<i>ATF1</i> Unveils Novel Components in Yeast Flavor Ester Biosynthesis. <i>MBio</i> , 2018, 9, .	4.1	24
181	Role of Host Factors in the Subcellular Trafficking of Gag Proteins and Genomic RNA Leading to Virion Assembly. , 2018, , 273-315.		0
182	The ESCRT-III Protein CHMP1A Mediates Secretion of Sonic Hedgehog on a Distinctive Subtype of Extracellular Vesicles. <i>Cell Reports</i> , 2018, 24, 973-986.e8.	6.4	79
183	Selection of housekeeping genes and demonstration of RNAi in cotton leafhopper, <i>Amrasca biguttula biguttula</i> (Ishida). <i>PLoS ONE</i> , 2018, 13, e0191116.	2.5	30

#	ARTICLE	IF	CITATIONS
184	Tumor susceptibility gene 101 ameliorates endotoxin-induced cardiac dysfunction by enhancing Parkin-mediated mitophagy. <i>Journal of Biological Chemistry</i> , 2019, 294, 18057-18068.	3.4	20
185	CRKL regulates alternative splicing of cancer-related genes in cervical cancer samples and HeLa cell. <i>BMC Cancer</i> , 2019, 19, 499.	2.6	26
186	Tsg101 positively regulates physiologic-like cardiac hypertrophy through FIP3-mediated endosomal recycling of IGF1R. <i>FASEB Journal</i> , 2019, 33, 7451-7466.	0.5	12
187	Complex N-glycan promotes <sc>CD</sc>133 mono-ubiquitination and secretion. <i>FEBS Letters</i> , 2019, 593, 719-731.	2.8	4
188	Cancer-Specifically Re-Spliced TSG101 mRNA Promotes Invasion and Metastasis of Nasopharyngeal Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 773.	4.1	11
189	SH3YL1 cooperates with ESCRT-I in the sorting and degradation of the EGF receptor. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	4
190	The regulation of Endosomal Sorting Complex Required for Transport and accessory proteins in multivesicular body sorting and enveloped viral budding - An overview. <i>International Journal of Biological Macromolecules</i> , 2019, 127, 1-11.	7.5	53
191	Through the back door: Unconventional protein secretion. <i>Cell Surface</i> , 2020, 6, 100045.	3.0	49
192	Tsg101 positively regulates P62-Keap1-Nrf2 pathway to protect hearts against oxidative damage. <i>Redox Biology</i> , 2020, 32, 101453.	9.0	34
193	Extracellular Vesicles as Signaling Mediators and Disease Biomarkers across Biological Barriers. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2514.	4.1	121
194	Exosomes as an emerging nanoplatform for functional therapeutics. , 2021, , 483-498.		3
195	The Role of Exosomes in Lysosomal Storage Disorders. <i>Biomolecules</i> , 2021, 11, 576.	4.0	13
196	A proteomic analysis of the effect of ocean acidification on the haemocyte proteome of the South African abalone <i>Haliotis midae</i> . <i>Fish and Shellfish Immunology</i> , 2021, 117, 274-290.	3.6	6
197	Gold nanoparticles (AuNPs) impair LPS-driven immune responses by promoting a tolerogenic-like dendritic cell phenotype with altered endosomal structures. <i>Nanoscale</i> , 2021, 13, 7648-7666.	5.6	13
199	Regulation and Coordination of Intracellular Trafficking: An Overview. , 2009, , 329-341.		3
200	Regulation of Receptors and Transporters by Ubiquitination: New Insights into Surprisingly Similar Mechanisms. <i>Molecular Interventions: Pharmacological Perspectives From Biology, Chemistry and Genomics</i> , 2007, 7, 157-167.	3.4	185
201	Membrane Trafficking during Phagosome Formation and Maturation. , 0, , 209-223.		1
202	Recruitment of Tom1L1/Scasm to Endosomes and the Midbody by Tsg101. <i>Cell Structure and Function</i> , 2008, 33, 91-100.	1.1	19

#	ARTICLE	IF	CITATIONS
203	Fission of Tubular Endosomes Triggers Endosomal Acidification and Movement. PLoS ONE, 2011, 6, e19764.	2.5	67
204	The AAA-ATPase VPS4 Regulates Extracellular Secretion and Lysosomal Targeting of $\alpha$ -Synuclein. PLoS ONE, 2011, 6, e29460.	2.5	120
205	ESCRT-I Protein Tsg101 Plays a Role in the Post-macropinocytic Trafficking and Infection of Endothelial Cells by Kaposi's Sarcoma-Associated Herpesvirus. PLoS Pathogens, 2016, 12, e1005960.	4.7	32
206	Upregulation of Tumor Susceptibility Gene 101 (TSG101) by mechanical stress in podocytes. Cellular and Molecular Biology, 2019, 65, 84-88.	0.9	3
207	Aberrant Receptor Signaling and Trafficking as Mechanisms in Oncogenesis. Critical Reviews in Oncogenesis, 2007, 13, 39-74.	0.4	42
208	Protein clearing pathways in ALS. Archives Italiennes De Biologie, 2011, 149, 121-49.	0.4	32
209	Internalization and degradation of EGF receptor. , 2008, , 45-59.		0
211	Loss of tumor susceptibility gene 101 (TSG101) perturbs endoplasmic reticulum structure and function. Biochimica Et Biophysica Acta - Molecular Cell Research, 2020, 1867, 118741.	4.1	4
213	Comparative transcriptome analysis reveals the biological mechanism of selective cadmium enrichment in Tegillarca granosa. Aquaculture Reports, 2021, 21, 100960.	1.7	3
214	ESCRT dysfunction compromises endoplasmic reticulum maturation and autophagosome biogenesis in Drosophila. Current Biology, 2022, 32, 1262-1274.e4.	3.9	9
215	Bioprobes-regulated precision biosensing of exosomes: From the nanovesicle surface to the inside. Coordination Chemistry Reviews, 2022, 463, 214538.	18.8	14
216	Ubiquitin Signaling and Cancer Pathogenesis. , 0, , 1-20.		0
217	ESCRTing Around the Cell. , 2022, , .		0
218	The therapeutic effects of exosomes the first time isolated from pancreatic islet-derived progenitor cells in the treatment of pancreatic cancer. Protoplasma, 2024, 261, 281-291.	2.1	0
219	HRS mediates tumor immune evasion by regulating proteostasis-associated interferon pathway activation. Cell Reports, 2023, 42, 113352.	6.4	0