

Juan S Bonifacino

List of Publications by Year in descending order

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242
papers

44,212
citations

2544

96
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all docs

251
docs citations

251
times ranked

34572
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging Intracellular Fluorescent Proteins at Nanometer Resolution. <i>Science</i> , 2006, 313, 1642-1645.	12.6	7,580
2	Signals for Sorting of Transmembrane Proteins to Endosomes and Lysosomes. <i>Annual Review of Biochemistry</i> , 2003, 72, 395-447.	11.1	1,850
3	Rapid redistribution of Golgi proteins into the ER in cells treated with brefeldin A: Evidence for membrane cycling from Golgi to ER. <i>Cell</i> , 1989, 56, 801-813.	28.9	1,710
4	The Mechanisms of Vesicle Budding and Fusion. <i>Cell</i> , 2004, 116, 153-166.	28.9	1,628
5	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) <i>Trends in Biochemical Sciences</i> , 2012, 37, 101-108.	9.1	1,430
6	Lysosomes as dynamic regulators of cell and organismal homeostasis. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 101-118.	37.0	757
7	Sorting of lysosomal proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 605-614.	4.1	676
8	Altered Trafficking of Lysosomal Proteins in Hermansky-Pudlak Syndrome Due to Mutations in the β 3A Subunit of the AP-3 Adaptor. <i>Molecular Cell</i> , 1999, 3, 11-21.	9.7	631
9	UBIQUITIN AND THE CONTROL OF PROTEIN FATE IN THE SECRETORY AND ENDOCYTIC PATHWAYS. <i>Annual Review of Cell and Developmental Biology</i> , 1998, 14, 19-57.	9.4	586
10	Retrograde transport from endosomes to the trans-Golgi network. <i>Nature Reviews Molecular Cell Biology</i> , 2006, 7, 568-579.	37.0	568
11	Role of the mammalian retromer in sorting of the cation-independent mannose 6-phosphate receptor. <i>Journal of Cell Biology</i> , 2004, 165, 123-133.	5.2	549
12	Degradation from the endoplasmic reticulum: Disposing of newly synthesized proteins. <i>Cell</i> , 1988, 54, 209-220.	28.9	493
13	Adaptor-related proteins. <i>Current Opinion in Cell Biology</i> , 2001, 13, 444-453.	5.4	485
14	A Novel Clathrin Adaptor Complex Mediates Basolateral Targeting in Polarized Epithelial Cells. <i>Cell</i> , 1999, 99, 189-198.	28.9	479
15	The contribution of VHL substrate binding and HIF1- α to the phenotype of VHL loss in renal cell carcinoma. <i>Cancer Cell</i> , 2002, 1, 247-255.	16.8	421
16	Retromer. <i>Current Opinion in Cell Biology</i> , 2008, 20, 427-436.	5.4	411
17	Adaptins. <i>Molecular Biology of the Cell</i> , 2001, 12, 2907-2920.	2.1	401
18	Molecular Bases for the Recognition of Tyrosine-based Sorting Signals. <i>Journal of Cell Biology</i> , 1999, 145, 923-926.	5.2	398

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19	Regulation of retromer recruitment to endosomes by sequential action of Rab5 and Rab7. Journal of Cell Biology, 2008, 183, 513-526.	5.2	395
20	Ggas. Journal of Cell Biology, 2000, 149, 81-94.	5.2	385
21	Linking cargo to vesicle formation: receptor tail interactions with coat proteins. Current Opinion in Cell Biology, 1997, 9, 488-495.	5.4	379
22	Lysosome-related organelles. FASEB Journal, 2000, 14, 1265-1278.	0.5	375
23	Association of the AP-3 Adaptor Complex with Clathrin. Science, 1998, 280, 431-434.	12.6	362
24	Sorting of Mannose 6-Phosphate Receptors Mediated by the GGAs. Science, 2001, 292, 1712-1716.	12.6	360
25	AP-3: an adaptor-like protein complex with ubiquitous expression. EMBO Journal, 1997, 16, 917-928.	7.8	356
26	Coat proteins: shaping membrane transport. Nature Reviews Molecular Cell Biology, 2003, 4, 409-414.	37.0	355
27	The GGA proteins: adaptors on the move. Nature Reviews Molecular Cell Biology, 2004, 5, 23-32.	37.0	349
28	Failure to synthesize the T Cell CD3- ζ chain: Structure and function of a partial T cell receptor complex. Cell, 1988, 52, 85-95.	28.9	348
29	The T Cell Antigen Receptor: Insights into Organelle Biology. Annual Review of Cell Biology, 1990, 6, 403-431.	26.1	345
30	Mechanisms and functions of lysosome positioning. Journal of Cell Science, 2016, 129, 4329-4339.	2.0	332
31	Brefeldin A implicates egress from endoplasmic reticulum in class I restricted antigen presentation. Nature, 1989, 339, 223-226.	27.8	320
32	Tyrosine Phosphorylation Controls Internalization of CTLA-4 by Regulating Its Interaction with Clathrin-Associated Adaptor Complex AP-2. Immunity, 1997, 6, 583-589.	14.3	319
33	Protein targeting by tyrosine- and di-leucine-based signals: evidence for distinct saturable components.. Journal of Cell Biology, 1996, 135, 341-354.	5.2	300
34	Genomic Screen for Vacuolar Protein Sorting Genes in <i>Saccharomyces cerevisiae</i> . Molecular Biology of the Cell, 2002, 13, 2486-2501.	2.1	293
35	BORC, a Multisubunit Complex that Regulates Lysosome Positioning. Developmental Cell, 2015, 33, 176-188.	7.0	283
36	Colocalized transmembrane determinants for ER degradation and subunit assembly explain the intracellular fate of TCR chains. Cell, 1990, 63, 503-513.	28.9	268

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37	A tubular EHD1-containing compartment involved in the recycling of major histocompatibility complex class I molecules to the plasma membrane. <i>EMBO Journal</i> , 2002, 21, 2557-2567.	7.8	265
38	Structural Determinants of Interaction of Tyrosine-based Sorting Signals with the Adaptor Medium Chains. <i>Journal of Biological Chemistry</i> , 1996, 271, 29009-29015.	3.4	264
39	Restricted Location of PSEN2/ β -Secretase Determines Substrate Specificity and Generates an Intracellular $A\beta$ Pool. <i>Cell</i> , 2016, 166, 193-208.	28.9	260
40	Membrane protein association by potential intramembrane charge pairs. <i>Nature</i> , 1991, 351, 414-416.	27.8	258
41	AP-4, a Novel Protein Complex Related to Clathrin Adaptors. <i>Journal of Biological Chemistry</i> , 1999, 274, 7278-7285.	3.4	251
42	Functional architecture of the retromer cargo-recognition complex. <i>Nature</i> , 2007, 449, 1063-1067.	27.8	250
43	The GGAs Promote ARF-Dependent Recruitment of Clathrin to the TGN. <i>Cell</i> , 2001, 105, 93-102.	28.9	245
44	Cargo Recognition in Clathrin-Mediated Endocytosis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a016790-a016790.	5.5	244
45	β 41B, a novel adaptor medium chain expressed in polarized epithelial cells1. <i>FEBS Letters</i> , 1999, 449, 215-220.	2.8	234
46	The Medium Subunits of Adaptor Complexes Recognize Distinct but Overlapping Sets of Tyrosine-based Sorting Signals. <i>Journal of Biological Chemistry</i> , 1998, 273, 25915-25921.	3.4	229
47	Sorting of the Alzheimer's Disease Amyloid Precursor Protein Mediated by the AP-4 Complex. <i>Developmental Cell</i> , 2010, 18, 425-436.	7.0	228
48	Functions of Adaptor Protein (AP)-3 and AP-1 in Tyrosinase Sorting from Endosomes to Melanosomes. <i>Molecular Biology of the Cell</i> , 2005, 16, 5356-5372.	2.1	225
49	Recognition of dileucine-based sorting signals from HIV-1 Nef and LIMP-II by the AP-1 β 1 and AP-3 β 3 hemicomplexes. <i>Journal of Cell Biology</i> , 2003, 163, 1281-1290.	5.2	223
50	Germline mutations in PRKCSH are associated with autosomal dominant polycystic liver disease. <i>Nature Genetics</i> , 2003, 33, 345-347.	21.4	218
51	Interactions of GGA3 with the ubiquitin sorting machinery. <i>Nature Cell Biology</i> , 2004, 6, 244-251.	10.3	218
52	Novel Aspects of Degradation of T Cell Receptor Subunits from the Endoplasmic Reticulum (ER) in T Cells: Importance of Oligosaccharide Processing, Ubiquitination, and Proteasome-dependent Removal from ER Membranes. <i>Journal of Experimental Medicine</i> , 1998, 187, 835-846.	8.5	216
53	Coatamer-dependent protein delivery to lipid droplets. <i>Journal of Cell Science</i> , 2009, 122, 1834-1841.	2.0	216
54	Adaptor proteins involved in polarized sorting. <i>Journal of Cell Biology</i> , 2014, 204, 7-17.	5.2	215

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55	Interchangeable but Essential Functions of SNX1 and SNX2 in the Association of Retromer with Endosomes and the Trafficking of Mannose 6-Phosphate Receptors. <i>Molecular and Cellular Biology</i> , 2007, 27, 1112-1124.	2.3	204
56	A lysosomal targeting signal in the cytoplasmic tail of the beta chain directs HLA-DM to MHC class II compartments.. <i>Journal of Cell Biology</i> , 1995, 131, 351-369.	5.2	202
57	Role of the Endocytic Machinery in the Sorting of Lysosome-associated Membrane Proteins. <i>Molecular Biology of the Cell</i> , 2005, 16, 4231-4242.	2.1	201
58	ADP-Ribosylation Factor 1 (ARF1) Regulates Recruitment of the AP-3 Adaptor Complex to Membranes. <i>Journal of Cell Biology</i> , 1998, 142, 391-402.	5.2	194
59	BORC Functions Upstream of Kinesins 1 and 3 to Coordinate Regional Movement of Lysosomes along Different Microtubule Tracks. <i>Cell Reports</i> , 2016, 17, 1950-1961.	6.4	193
60	Structural basis for ubiquitin recognition and autoubiquitination by Rabex-5. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 264-271.	8.2	188
61	Downregulation of CD4 by Human Immunodeficiency Virus Type 1 Nef Is Dependent on Clathrin and Involves Direct Interaction of Nef with the AP2 Clathrin Adaptor. <i>Journal of Virology</i> , 2007, 81, 3877-3890.	3.4	186
62	The molecular machinery for lysosome biogenesis*. <i>BioEssays</i> , 2001, 23, 333-343.	2.5	183
63	A Membrane-proximal Tyrosine-based Signal Mediates Internalization of the HIV-1 Envelope Glycoprotein via Interaction with the AP-2 Clathrin Adaptor. <i>Journal of Biological Chemistry</i> , 1998, 273, 15773-15778.	3.4	182
64	Enthoprotin. <i>Journal of Cell Biology</i> , 2002, 158, 855-862.	5.2	182
65	Interaction of Endocytic Signals from the HIV-1 Envelope Glycoprotein Complex with Members of the Adaptor Medium Chain Family. <i>Virology</i> , 1997, 238, 305-315.	2.4	181
66	Mechanism of Acidification of the trans-Golgi Network (TGN). <i>Journal of Biological Chemistry</i> , 1998, 273, 2044-2051.	3.4	179
67	The cytoplasmic domain mediates localization of furin to the trans-Golgi network en route to the endosomal/lysosomal system.. <i>Journal of Cell Biology</i> , 1994, 126, 1157-1172.	5.2	175
68	Moving and positioning the endolysosomal system. <i>Current Opinion in Cell Biology</i> , 2017, 47, 1-8.	5.4	173
69	Structural Basis for Recruitment and Activation of the AP-1 Clathrin Adaptor Complex by Arf1. <i>Cell</i> , 2013, 152, 755-767.	28.9	172
70	Structural Mechanism for Cargo Recognition by the Retromer Complex. <i>Cell</i> , 2016, 167, 1623-1635.e14.	28.9	172
71	Failure of Trafficking and Antigen Presentation by CD1 in AP-3-Deficient Cells. <i>Immunity</i> , 2002, 16, 697-706.	14.3	163
72	Structural basis for acidic-cluster-dileucine sorting-signal recognition by VHS domains. <i>Nature</i> , 2002, 415, 933-937.	27.8	161

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73	PI4P Promotes the Recruitment of the GGA Adaptor Proteins to the Trans-Golgi Network and Regulates Their Recognition of the Ubiquitin Sorting Signal. <i>Molecular Biology of the Cell</i> , 2007, 18, 2646-2655.	2.1	158
74	BORC/kinesin-1 ensemble drives polarized transport of lysosomes into the axon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E2955-E2964.	7.1	158
75	The retromer subunit Vps26 has an arrestin fold and binds Vps35 through its C-terminal domain. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 540-548.	8.2	153
76	The retromer complex and clathrin define an early endosomal retrograde exit site. <i>Journal of Cell Science</i> , 2007, 120, 2022-2031.	2.0	152
77	Requirement of the Human GARP Complex for Mannose 6-phosphate-receptor-dependent Sorting of Cathepsin D to Lysosomes. <i>Molecular Biology of the Cell</i> , 2008, 19, 2350-2362.	2.1	147
78	Multilayered Mechanism of CD4 Downregulation by HIV-1 Vpu Involving Distinct ER Retention and ERAD Targeting Steps. <i>PLoS Pathogens</i> , 2010, 6, e1000869.	4.7	145
79	The Clathrin Adaptor AP-1A Mediates Basolateral Polarity. <i>Developmental Cell</i> , 2012, 22, 811-823.	7.0	144
80	Stonin 2. <i>Journal of Cell Biology</i> , 2001, 153, 1111-1120.	5.2	140
81	Altered expression of a novel adaptin leads to defective pigment granule biogenesis in the <i>Drosophila</i> eye color mutant garnet. <i>EMBO Journal</i> , 1997, 16, 4508-4518.	7.8	138
82	Genetic analyses of adaptin function from yeast to mammals. <i>Gene</i> , 2002, 286, 175-186.	2.2	135
83	Divalent interaction of the GGAs with the Rabaptin-5-Rabex-5 complex. <i>EMBO Journal</i> , 2003, 22, 78-88.	7.8	135
84	Human Vam6p promotes lysosome clustering and fusion in vivo. <i>Journal of Cell Biology</i> , 2001, 154, 109-122.	5.2	133
85	Transport according to GARP: receiving retrograde cargo at the trans-Golgi network. <i>Trends in Cell Biology</i> , 2011, 21, 159-167.	7.9	133
86	Dual Roles of the Mammalian GARP Complex in Tethering and SNARE Complex Assembly at the <i>trans</i> -Golgi Network. <i>Molecular and Cellular Biology</i> , 2009, 29, 5251-5263.	2.3	130
87	Î23A-adaptin, a Subunit of the Adaptor-like Complex AP-3. <i>Journal of Biological Chemistry</i> , 1997, 272, 15078-15084.	3.4	127
88	Signal-binding Specificity of the Î44 Subunit of the Adaptor Protein Complex AP-4. <i>Journal of Biological Chemistry</i> , 2001, 276, 13145-13152.	3.4	125
89	AP-4 mediates export of ATG9A from the <i>trans</i> -Golgi network to promote autophagosome formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E10697-E10706.	7.1	125
90	Involvement of clathrin and AP-2 in the trafficking of MHC class II molecules to antigen-processing compartments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7910-7915.	7.1	122

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91	Clathrin Adaptor AP-2 Is Essential for Early Embryonal Development. <i>Molecular and Cellular Biology</i> , 2005, 25, 9318-9323.	2.3	121
92	The Transmembrane Domain of a Carboxyl-terminal Anchored Protein Determines Localization to the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 1997, 272, 1970-1975.	3.4	119
93	BLOC-3, a Protein Complex Containing the Hermansky-Pudlak Syndrome Gene Products HPS1 and HPS4. <i>Journal of Biological Chemistry</i> , 2003, 278, 29376-29384.	3.4	116
94	Morphology and Dynamics of Clathrin/GGA1-coated Carriers Budding from the Trans-Golgi Network. <i>Molecular Biology of the Cell</i> , 2003, 14, 1545-1557.	2.1	115
95	EARP is a multisubunit tethering complex involved in endocytic recycling. <i>Nature Cell Biology</i> , 2015, 17, 639-650.	10.3	112
96	A new variant of Hermansky-Pudlak syndrome due to mutations in a gene responsible for vesicle formation. <i>American Journal of Medicine</i> , 2000, 108, 423-427.	1.5	111
97	BORC coordinates encounter and fusion of lysosomes with autophagosomes. <i>Autophagy</i> , 2017, 13, 1648-1663.	9.1	109
98	Structure of Human ATG9A, the Only Transmembrane Protein of the Core Autophagy Machinery. <i>Cell Reports</i> , 2020, 31, 107837.	6.4	108
99	The Rab5 Guanine Nucleotide Exchange Factor Rabex-5 Binds Ubiquitin (Ub) and Functions as a Ub Ligase through an Atypical Ub-interacting Motif and a Zinc Finger Domain. <i>Journal of Biological Chemistry</i> , 2006, 281, 6874-6883.	3.4	105
100	How HIV-1 Nef hijacks the AP-2 clathrin adaptor to downregulate CD4. <i>ELife</i> , 2014, 3, e01754.	6.0	102
101	Signal-Mediated, AP-1/Clathrin-Dependent Sorting of Transmembrane Receptors to the Somatodendritic Domain of Hippocampal Neurons. <i>Neuron</i> , 2012, 75, 810-823.	8.1	98
102	A Regulator of BORC interaction controls lysosome positioning in response to amino acid availability. <i>Journal of Cell Biology</i> , 2017, 216, 4183-4197.	5.2	98
103	Conservation and Diversification of Dileucine Signal Recognition by Adaptor Protein (AP) Complex Variants. <i>Journal of Biological Chemistry</i> , 2011, 286, 2022-2030.	3.4	94
104	Sorting of Dendritic and Axonal Vesicles at the Pre-axonal Exclusion Zone. <i>Cell Reports</i> , 2015, 13, 1221-1232.	6.4	94
105	Mutational Analysis of the Fusion Peptide of the Human Immunodeficiency Virus Type 1: Identification of Critical Glycine Residues. <i>Virology</i> , 1996, 218, 94-102.	2.4	92
106	Mechanisms of CD4 Downregulation by the Nef and Vpu Proteins of Primate Immunodeficiency Viruses. <i>Current Molecular Medicine</i> , 2007, 7, 171-184.	1.3	91
107	Adaptor and Clathrin Exchange at the Plasma Membrane and trans-Golgi Network. <i>Molecular Biology of the Cell</i> , 2003, 14, 516-528.	2.1	90
108	Assembly of the Biogenesis of Lysosome-related Organelles Complex-3 (BLOC-3) and Its Interaction with Rab9. <i>Journal of Biological Chemistry</i> , 2010, 285, 7794-7804.	3.4	90

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109	Rab5 and its effector FHF contribute to neuronal polarity through dynein-dependent retrieval of somatodendritic proteins from the axon. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E5318-27.	7.1	89
110	Functional Domain Mapping of the Clathrin-associated Adaptor Medium Chains α -1 and α -2. Journal of Biological Chemistry, 1997, 272, 27160-27166.	3.4	88
111	Specific Regulation of the Adaptor Protein Complex AP-3 by the Arf GAP AGAP1. Developmental Cell, 2003, 5, 513-521.	7.0	88
112	Molecular Characterization of the Protein Encoded by the Hermansky-Pudlak Syndrome Type 1 Gene. Journal of Biological Chemistry, 2000, 275, 1300-1306.	3.4	85
113	Altered distribution of ATG9A and accumulation of axonal aggregates in neurons from a mouse model of AP-4 deficiency syndrome. PLoS Genetics, 2018, 14, e1007363.	3.5	85
114	A Diacidic Motif in Human Immunodeficiency Virus Type 1 Nef Is a Novel Determinant of Binding to AP-2. Journal of Virology, 2008, 82, 1166-1174.	3.4	84
115	Polycystic liver disease is a disorder of cotranslational protein processing. Trends in Molecular Medicine, 2005, 11, 37-42.	6.7	83
116	Serine Residues in the Cytosolic Tail of the T-cell Antigen Receptor ϵ -Chain Mediate Ubiquitination and Endoplasmic Reticulum-associated Degradation of the Unassembled Protein. Journal of Biological Chemistry, 2010, 285, 23916-23924.	3.4	83
117	Phagolysosome resolution requires contacts with the endoplasmic reticulum and phosphatidylinositol-4-phosphate signalling. Nature Cell Biology, 2019, 21, 1234-1247.	10.3	80
118	Cappuccino, a mouse model of Hermansky-Pudlak syndrome, encodes a novel protein that is part of the pallidin-muted complex (BLOC-1). Blood, 2003, 101, 4402-4407.	1.4	79
119	Basolateral Sorting of Furin in MDCK Cells Requires a Phenylalanine-Isoleucine Motif Together with an Acidic Amino Acid Cluster. Molecular and Cellular Biology, 1999, 19, 3136-3144.	2.3	78
120	Ang2/Fat-Free Is a Conserved Subunit of the Golgi-associated Retrograde Protein Complex. Molecular Biology of the Cell, 2010, 21, 3386-3395.	2.1	78
121	Segregation in the Golgi complex precedes export of endolysosomal proteins in distinct transport carriers. Journal of Cell Biology, 2017, 216, 4141-4151.	5.2	78
122	Localization of Endogenous Furin in Cultured Cell Lines. Journal of Histochemistry and Cytochemistry, 1997, 45, 3-12.	2.5	77
123	Lysosome Positioning Influences mTORC2 and AKT Signaling. Molecular Cell, 2019, 75, 26-38.e3.	9.7	77
124	A family of PIKFYVE inhibitors with therapeutic potential against autophagy-dependent cancer cells disrupt multiple events in lysosome homeostasis. Autophagy, 2019, 15, 1694-1718.	9.1	76
125	The Trans-Golgi Network Accessory Protein p56 Promotes Long-Range Movement of CGA/Clathrin-containing Transport Carriers and Lysosomal Enzyme Sorting. Molecular Biology of the Cell, 2007, 18, 3486-3501.	2.1	72
126	Ubiquitin binding and conjugation regulate the recruitment of Rabex-5 to early endosomes. EMBO Journal, 2008, 27, 2484-2494.	7.8	71

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127	Basolateral sorting of the coxsackie and adenovirus receptor through interaction of a canonical YXX Φ motif with the clathrin adaptors AP-1A and AP-1B. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3820-3825.	7.1	71
128	Novel post-translational regulation of TCR expression in CD4+CD8+ thymocytes influenced by CD4. Nature, 1990, 344, 247-251.	27.8	70
129	The Vps27/Hse1 Complex Is a GAT Domain-Based Scaffold for Ubiquitin-Dependent Sorting. Developmental Cell, 2007, 12, 973-986.	7.0	67
130	Structural basis for the wobbler mouse neurodegenerative disorder caused by mutation in the Vps54 subunit of the GARP complex. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12860-12865.	7.1	67
131	Pallidin is a Component of a Multi-Protein Complex Involved in the Biogenesis of Lysosome-related Organelles. Traffic, 2002, 3, 666-677.	2.7	66
132	Structural mechanism for ubiquitinated-cargo recognition by the Golgi-localized, \hat{A} -ear-containing, ADP-ribosylation-factor-binding proteins. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2334-2339.	7.1	66
133	The Adaptor Protein-1 \hat{A} 1B Subunit Expands the Repertoire of Basolateral Sorting Signal Recognition in Epithelial Cells. Developmental Cell, 2013, 27, 353-366.	7.0	66
134	Deubiquitinases Sharpen Substrate Discrimination during Membrane Protein Degradation from the ER. Cell, 2013, 154, 609-622.	28.9	66
135	Aggregation As a Determinant of Protein Fate in Post-Golgi Compartments: Role of the Luminal Domain of Furin in Lysosomal Targeting. Journal of Cell Biology, 1997, 139, 1735-1745.	5.2	65
136	Canonical Interaction of Cyclin G-associated Kinase with Adaptor Protein 1 Regulates Lysosomal Enzyme Sorting. Molecular Biology of the Cell, 2007, 18, 2991-3001.	2.1	65
137	Coatopathies: Genetic Disorders of Protein Coats. Annual Review of Cell and Developmental Biology, 2019, 35, 131-168.	9.4	65
138	Negative regulation of autophagy by UBA6-BIRC6-mediated ubiquitination of LC3. ELife, 2019, 8, .	6.0	65
139	Anchors aweigh: protein localization and transport mediated by transmembrane domains. Trends in Cell Biology, 2013, 23, 511-517.	7.9	64
140	Definition of the Consensus Motif Recognized by \hat{A} 3-Adaptin Ear Domains. Journal of Biological Chemistry, 2004, 279, 8018-8028.	3.4	63
141	CD1a and MHC Class I Follow a Similar Endocytic Recycling Pathway. Traffic, 2008, 9, 1446-1457.	2.7	63
142	Adaptor protein 2-mediated endocytosis of the \hat{A} 2-secretase BACE1 is dispensable for amyloid precursor protein processing. Molecular Biology of the Cell, 2012, 23, 2339-2351.	2.1	63
143	Ultrastructure of Long-Range Transport Carriers Moving from the trans Golgi Network to Peripheral Endosomes. Traffic, 2006, 7, 1092-1103.	2.7	62
144	Crystallographic and Functional Analysis of the ESCRT-I /HIV-1 Gag PTAP Interaction. Structure, 2010, 18, 1536-1547.	3.3	62

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145	Molecular characterization of hepatocystin, the protein that is defective in autosomal dominant polycystic liver disease. <i>Gastroenterology</i> , 2004, 126, 1819-1827.	1.3	60
146	The Hermansky-Pudlak syndrome 1 (HPS1) and HPS2 genes independently contribute to the production and function of platelet dense granules, melanosomes, and lysosomes. <i>Blood</i> , 2002, 99, 1651-1658.	1.4	58
147	Association between Rare Variants in AP4E1, a Component of Intracellular Trafficking, and Persistent Stuttering. <i>American Journal of Human Genetics</i> , 2015, 97, 715-725.	6.2	58
148	Structural Requirements for Function of Yeast GGAs in Vacuolar Protein Sorting, β -Factor Maturation, and Interactions with Clathrin. <i>Molecular and Cellular Biology</i> , 2001, 21, 7981-7994.	2.3	57
149	Human Immunodeficiency Virus Type 1 Nef Protein Targets CD4 to the Multivesicular Body Pathway. <i>Journal of Virology</i> , 2009, 83, 6578-6590.	3.4	57
150	Differential recognition of a dileucine-based sorting signal by AP-1 and AP-3 reveals a requirement for both BLOC-1 and AP-3 in delivery of OCA2 to melanosomes. <i>Molecular Biology of the Cell</i> , 2012, 23, 3178-3192.	2.1	57
151	Insights into the Biogenesis of Lysosome-Related Organelles from the Study of the Hermansky-Pudlak Syndrome. <i>Annals of the New York Academy of Sciences</i> , 2004, 1038, 103-114.	3.8	55
152	GGA and Arf Proteins Modulate Retrovirus Assembly and Release. <i>Molecular Cell</i> , 2008, 30, 227-238.	9.7	55
153	Assembly and Architecture of Biogenesis of Lysosome-related Organelles Complex-1 (BLOC-1). <i>Journal of Biological Chemistry</i> , 2012, 287, 5882-5890.	3.4	55
154	Recognition of accessory protein motifs by the β -adaplin ear domain of GGA3. <i>Nature Structural and Molecular Biology</i> , 2003, 10, 599-606.	8.2	52
155	Neuronal functions of adaptor complexes involved in protein sorting. <i>Current Opinion in Neurobiology</i> , 2018, 51, 103-110.	4.2	51
156	Transmembrane Domain Determinants of CD4 Downregulation by HIV-1 Vpu. <i>Journal of Virology</i> , 2012, 86, 757-772.	3.4	50
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