

# Juan S Bonifacino

## List of Publications by Year in descending order

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242  
papers

44,212  
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203  
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251  
docs citations

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times ranked

38591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Imaging Intracellular Fluorescent Proteins at Nanometer Resolution. <i>Science</i> , 2006, 313, 1642-1645.	6.0	7,580
2	Signals for Sorting of Transmembrane Proteins to Endosomes and Lysosomes. <i>Annual Review of Biochemistry</i> , 2003, 72, 395-447.	5.0	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.	13.5	1,710
4	The Mechanisms of Vesicle Budding and Fusion. <i>Cell</i> , 2004, 116, 153-166.	13.5	1,628
5	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 582 1,430	4.3	1,430
6	Lysosomes as dynamic regulators of cell and organismal homeostasis. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 101-118.	16.1	757
7	Sorting of lysosomal proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 605-614.	1.9	676
8	Altered Trafficking of Lysosomal Proteins in Hermansky-Pudlak Syndrome Due to Mutations in the $\beta$ 3A Subunit of the AP-3 Adaptor. <i>Molecular Cell</i> , 1999, 3, 11-21.	4.5	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.	4.0	586
10	Retrograde transport from endosomes to the trans-Golgi network. <i>Nature Reviews Molecular Cell Biology</i> , 2006, 7, 568-579.	16.1	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.	2.3	549
12	Degradation from the endoplasmic reticulum: Disposing of newly synthesized proteins. <i>Cell</i> , 1988, 54, 209-220.	13.5	493
13	Adaptor-related proteins. <i>Current Opinion in Cell Biology</i> , 2001, 13, 444-453.	2.6	485
14	A Novel Clathrin Adaptor Complex Mediates Basolateral Targeting in Polarized Epithelial Cells. <i>Cell</i> , 1999, 99, 189-198.	13.5	479
15	The contribution of VHL substrate binding and HIF1- $\beta$ to the phenotype of VHL loss in renal cell carcinoma. <i>Cancer Cell</i> , 2002, 1, 247-255.	7.7	421
16	Retromer. <i>Current Opinion in Cell Biology</i> , 2008, 20, 427-436.	2.6	411
17	Adaptins. <i>Molecular Biology of the Cell</i> , 2001, 12, 2907-2920.	0.9	401
18	Molecular Bases for the Recognition of Tyrosine-based Sorting Signals. <i>Journal of Cell Biology</i> , 1999, 145, 923-926.	2.3	398

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19	Regulation of retromer recruitment to endosomes by sequential action of Rab5 and Rab7. <i>Journal of Cell Biology</i> , 2008, 183, 513-526.	2.3	395
20	Ggas. <i>Journal of Cell Biology</i> , 2000, 149, 81-94.	2.3	385
21	Linking cargo to vesicle formation: receptor tail interactions with coat proteins. <i>Current Opinion in Cell Biology</i> , 1997, 9, 488-495.	2.6	379
22	Lysosome-related organelles. <i>FASEB Journal</i> , 2000, 14, 1265-1278.	0.2	375
23	Association of the AP-3 Adaptor Complex with Clathrin. <i>Science</i> , 1998, 280, 431-434.	6.0	362
24	Sorting of Mannose 6-Phosphate Receptors Mediated by the GGAs. <i>Science</i> , 2001, 292, 1712-1716.	6.0	360
25	AP-3: an adaptor-like protein complex with ubiquitous expression. <i>EMBO Journal</i> , 1997, 16, 917-928.	3.5	356
26	Coat proteins: shaping membrane transport. <i>Nature Reviews Molecular Cell Biology</i> , 2003, 4, 409-414.	16.1	355
27	The GGA proteins: adaptors on the move. <i>Nature Reviews Molecular Cell Biology</i> , 2004, 5, 23-32.	16.1	349
28	Failure to synthesize the T Cell CD3- $\zeta$ chain: Structure and function of a partial T cell receptor complex. <i>Cell</i> , 1988, 52, 85-95.	13.5	348
29	The T Cell Antigen Receptor: Insights into Organelle Biology. <i>Annual Review of Cell Biology</i> , 1990, 6, 403-431.	26.0	345
30	Mechanisms and functions of lysosome positioning. <i>Journal of Cell Science</i> , 2016, 129, 4329-4339.	1.2	332
31	Brefeldin A implicates egress from endoplasmic reticulum in class I restricted antigen presentation. <i>Nature</i> , 1989, 339, 223-226.	13.7	320
32	Tyrosine Phosphorylation Controls Internalization of CTLA-4 by Regulating Its Interaction with Clathrin-Associated Adaptor Complex AP-2. <i>Immunity</i> , 1997, 6, 583-589.	6.6	319
33	Protein targeting by tyrosine- and di-leucine-based signals: evidence for distinct saturable components. <i>Journal of Cell Biology</i> , 1996, 135, 341-354.	2.3	300
34	Genomic Screen for Vacuolar Protein Sorting Genes in <i>Saccharomyces cerevisiae</i> . <i>Molecular Biology of the Cell</i> , 2002, 13, 2486-2501.	0.9	293
35	BORC, a Multisubunit Complex that Regulates Lysosome Positioning. <i>Developmental Cell</i> , 2015, 33, 176-188.	3.1	283
36	Colocalized transmembrane determinants for ER degradation and subunit assembly explain the intracellular fate of TCR chains. <i>Cell</i> , 1990, 63, 503-513.	13.5	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.	3.5	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.	1.6	264
39	Restricted Location of PSEN2/ $\beta$ -Secretase Determines Substrate Specificity and Generates an Intracellular $A\beta$ Pool. <i>Cell</i> , 2016, 166, 193-208.	13.5	260
40	Membrane protein association by potential intramembrane charge pairs. <i>Nature</i> , 1991, 351, 414-416.	13.7	258
41	AP-4, a Novel Protein Complex Related to Clathrin Adaptors. <i>Journal of Biological Chemistry</i> , 1999, 274, 7278-7285.	1.6	251
42	Functional architecture of the retromer cargo-recognition complex. <i>Nature</i> , 2007, 449, 1063-1067.	13.7	250
43	The GGAs Promote ARF-Dependent Recruitment of Clathrin to the TGN. <i>Cell</i> , 2001, 105, 93-102.	13.5	245
44	Cargo Recognition in Clathrin-Mediated Endocytosis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a016790-a016790.	2.3	244
45	$\beta$ 1B, a novel adaptor medium chain expressed in polarized epithelial cells. <i>FEBS Letters</i> , 1999, 449, 215-220.	1.3	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.	1.6	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.	3.1	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.	0.9	225
49	Recognition of dileucine-based sorting signals from HIV-1 Nef and LIMP-II by the AP-1 $\beta$ 1 and AP-3 $\beta$ 3 hemicomplexes. <i>Journal of Cell Biology</i> , 2003, 163, 1281-1290.	2.3	223
50	Germline mutations in PRKCSH are associated with autosomal dominant polycystic liver disease. <i>Nature Genetics</i> , 2003, 33, 345-347.	9.4	218
51	Interactions of GGA3 with the ubiquitin sorting machinery. <i>Nature Cell Biology</i> , 2004, 6, 244-251.	4.6	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.	4.2	216
53	Coatomer-dependent protein delivery to lipid droplets. <i>Journal of Cell Science</i> , 2009, 122, 1834-1841.	1.2	216
54	Adaptor proteins involved in polarized sorting. <i>Journal of Cell Biology</i> , 2014, 204, 7-17.	2.3	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.	1.1	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.	2.3	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.	0.9	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.	2.3	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.	2.9	193
60	Structural basis for ubiquitin recognition and autoubiquitination by Rabex-5. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 264-271.	3.6	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.	1.5	186
62	The molecular machinery for lysosome biogenesis. <i>BioEssays</i> , 2001, 23, 333-343.	1.2	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.	1.6	182
64	Enthoprotin. <i>Journal of Cell Biology</i> , 2002, 158, 855-862.	2.3	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.	1.1	181
66	Mechanism of Acidification of the trans-Golgi Network (TGN). <i>Journal of Biological Chemistry</i> , 1998, 273, 2044-2051.	1.6	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.	2.3	175
68	Moving and positioning the endolysosomal system. <i>Current Opinion in Cell Biology</i> , 2017, 47, 1-8.	2.6	173
69	Structural Basis for Recruitment and Activation of the AP-1 Clathrin Adaptor Complex by Arf1. <i>Cell</i> , 2013, 152, 755-767.	13.5	172
70	Structural Mechanism for Cargo Recognition by the Retromer Complex. <i>Cell</i> , 2016, 167, 1623-1635.e14.	13.5	172
71	Failure of Trafficking and Antigen Presentation by CD1 in AP-3-Deficient Cells. <i>Immunity</i> , 2002, 16, 697-706.	6.6	163
72	Structural basis for acidic-cluster-dileucine sorting-signal recognition by VHS domains. <i>Nature</i> , 2002, 415, 933-937.	13.7	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.	0.9	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.	3.3	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.	3.6	153
76	The retromer complex and clathrin define an early endosomal retrograde exit site. <i>Journal of Cell Science</i> , 2007, 120, 2022-2031.	1.2	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.	0.9	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.	2.1	145
79	The Clathrin Adaptor AP-1A Mediates Basolateral Polarity. <i>Developmental Cell</i> , 2012, 22, 811-823.	3.1	144
80	Stonin 2. <i>Journal of Cell Biology</i> , 2001, 153, 1111-1120.	2.3	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.	3.5	138
82	Genetic analyses of adaptin function from yeast to mammals. <i>Gene</i> , 2002, 286, 175-186.	1.0	135
83	Divalent interaction of the GGAs with the Rabaptin-5-Rabex-5 complex. <i>EMBO Journal</i> , 2003, 22, 78-88.	3.5	135
84	Human Vam6p promotes lysosome clustering and fusion in vivo. <i>Journal of Cell Biology</i> , 2001, 154, 109-122.	2.3	133
85	Transport according to GARP: receiving retrograde cargo at the trans-Golgi network. <i>Trends in Cell Biology</i> , 2011, 21, 159-167.	3.6	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.	1.1	130
87	Î²3A-adaptin, a Subunit of the Adaptor-like Complex AP-3. <i>Journal of Biological Chemistry</i> , 1997, 272, 15078-15084.	1.6	127
88	Signal-binding Specificity of the Î¼4 Subunit of the Adaptor Protein Complex AP-4. <i>Journal of Biological Chemistry</i> , 2001, 276, 13145-13152.	1.6	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.	3.3	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.	3.3	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.	1.1	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.	1.6	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.	1.6	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.	0.9	115
95	EARP is a multisubunit tethering complex involved in endocytic recycling. <i>Nature Cell Biology</i> , 2015, 17, 639-650.	4.6	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.	0.6	111
97	BORC coordinates encounter and fusion of lysosomes with autophagosomes. <i>Autophagy</i> , 2017, 13, 1648-1663.	4.3	109
98	Structure of Human ATG9A, the Only Transmembrane Protein of the Core Autophagy Machinery. <i>Cell Reports</i> , 2020, 31, 107837.	2.9	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.	1.6	105
100	How HIV-1 Nef hijacks the AP-2 clathrin adaptor to downregulate CD4. <i>ELife</i> , 2014, 3, e01754.	2.8	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.	3.8	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.	2.3	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.	1.6	94
104	Sorting of Dendritic and Axonal Vesicles at the Pre-axonal Exclusion Zone. <i>Cell Reports</i> , 2015, 13, 1221-1232.	2.9	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.	1.1	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.	0.6	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.	0.9	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.	1.6	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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5318-27.	3.3	89
110	Functional Domain Mapping of the Clathrin-associated Adaptor Medium Chains $\alpha$ -1 and $\alpha$ -2. <i>Journal of Biological Chemistry</i> , 1997, 272, 27160-27166.	1.6	88
111	Specific Regulation of the Adaptor Protein Complex AP-3 by the Arf GAP AGAP1. <i>Developmental Cell</i> , 2003, 5, 513-521.	3.1	88
112	Molecular Characterization of the Protein Encoded by the Hermansky-Pudlak Syndrome Type 1 Gene. <i>Journal of Biological Chemistry</i> , 2000, 275, 1300-1306.	1.6	85
113	Altered distribution of ATG9A and accumulation of axonal aggregates in neurons from a mouse model of AP-4 deficiency syndrome. <i>PLoS Genetics</i> , 2018, 14, e1007363.	1.5	85
114	A Diacidic Motif in Human Immunodeficiency Virus Type 1 Nef Is a Novel Determinant of Binding to AP-2. <i>Journal of Virology</i> , 2008, 82, 1166-1174.	1.5	84
115	Polycystic liver disease is a disorder of cotranslational protein processing. <i>Trends in Molecular Medicine</i> , 2005, 11, 37-42.	3.5	83
116	Serine Residues in the Cytosolic Tail of the T-cell Antigen Receptor $\zeta$ -Chain Mediate Ubiquitination and Endoplasmic Reticulum-associated Degradation of the Unassembled Protein. <i>Journal of Biological Chemistry</i> , 2010, 285, 23916-23924.	1.6	83
117	Phagolysosome resolution requires contacts with the endoplasmic reticulum and phosphatidylinositol-4-phosphate signalling. <i>Nature Cell Biology</i> , 2019, 21, 1234-1247.	4.6	80
118	Cappuccino, a mouse model of Hermansky-Pudlak syndrome, encodes a novel protein that is part of the pallidin-muted complex (BLOC-1). <i>Blood</i> , 2003, 101, 4402-4407.	0.6	79
119	Basolateral Sorting of Furin in MDCK Cells Requires a Phenylalanine-Isoleucine Motif Together with an Acidic Amino Acid Cluster. <i>Molecular and Cellular Biology</i> , 1999, 19, 3136-3144.	1.1	78
120	Ang2/Fat-Free Is a Conserved Subunit of the Golgi-associated Retrograde Protein Complex. <i>Molecular Biology of the Cell</i> , 2010, 21, 3386-3395.	0.9	78
121	Segregation in the Golgi complex precedes export of endolysosomal proteins in distinct transport carriers. <i>Journal of Cell Biology</i> , 2017, 216, 4141-4151.	2.3	78
122	Localization of Endogenous Furin in Cultured Cell Lines. <i>Journal of Histochemistry and Cytochemistry</i> , 1997, 45, 3-12.	1.3	77
123	Lysosome Positioning Influences mTORC2 and AKT Signaling. <i>Molecular Cell</i> , 2019, 75, 26-38.e3.	4.5	77
124	A family of PIKFYVE inhibitors with therapeutic potential against autophagy-dependent cancer cells disrupt multiple events in lysosome homeostasis. <i>Autophagy</i> , 2019, 15, 1694-1718.	4.3	76
125	The Trans-Golgi Network Accessory Protein p56 Promotes Long-Range Movement of CGA/Clathrin-containing Transport Carriers and Lysosomal Enzyme Sorting. <i>Molecular Biology of the Cell</i> , 2007, 18, 3486-3501.	0.9	72
126	Ubiquitin binding and conjugation regulate the recruitment of Rabex-5 to early endosomes. <i>EMBO Journal</i> , 2008, 27, 2484-2494.	3.5	71



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127	Basolateral sorting of the coxsackie and adenovirus receptor through interaction of a canonical YXX $\Phi$ motif with the clathrin adaptors AP-1A and AP-1B. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3820-3825.	3.3	71
128	Novel post-translational regulation of TCR expression in CD4 <sup>+</sup> CD8 <sup>+</sup> thymocytes influenced by CD4. <i>Nature</i> , 1990, 344, 247-251.	13.7	70
129	The Vps27/Hse1 Complex Is a GAT Domain-Based Scaffold for Ubiquitin-Dependent Sorting. <i>Developmental Cell</i> , 2007, 12, 973-986.	3.1	67
130	Structural basis for the wobbler mouse neurodegenerative disorder caused by mutation in the Vps54 subunit of the GARP complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12860-12865.	3.3	67
131	Pallidin is a Component of a Multi-Protein Complex Involved in the Biogenesis of Lysosome-related Organelles. <i>Traffic</i> , 2002, 3, 666-677.	1.3	66
132	Structural mechanism for ubiquitinated-cargo recognition by the Golgi-localized, $\Phi$ -ear-containing, ADP-ribosylation-factor-binding proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 2334-2339.	3.3	66
133	The Adaptor Protein-1 $\Phi$ 41B Subunit Expands the Repertoire of Basolateral Sorting Signal Recognition in Epithelial Cells. <i>Developmental Cell</i> , 2013, 27, 353-366.	3.1	66
134	Deubiquitinases Sharpen Substrate Discrimination during Membrane Protein Degradation from the ER. <i>Cell</i> , 2013, 154, 609-622.	13.5	66
135	Aggregation As a Determinant of Protein Fate in Post-Golgi Compartments: Role of the Luminal Domain of Furin in Lysosomal Targeting. <i>Journal of Cell Biology</i> , 1997, 139, 1735-1745.	2.3	65
136	Canonical Interaction of Cyclin G-associated Kinase with Adaptor Protein 1 Regulates Lysosomal Enzyme Sorting. <i>Molecular Biology of the Cell</i> , 2007, 18, 2991-3001.	0.9	65
137	Coatopathies: Genetic Disorders of Protein Coats. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 131-168.	4.0	65
138	Negative regulation of autophagy by UBA6-BIRC6-mediated ubiquitination of LC3. <i>ELife</i> , 2019, 8, .	2.8	65
139	Anchors weigh: protein localization and transport mediated by transmembrane domains. <i>Trends in Cell Biology</i> , 2013, 23, 511-517.	3.6	64
140	Definition of the Consensus Motif Recognized by $\Phi$ <sup>3</sup> -Adaptin Ear Domains. <i>Journal of Biological Chemistry</i> , 2004, 279, 8018-8028.	1.6	63
141	CD1a and MHC Class I Follow a Similar Endocytic Recycling Pathway. <i>Traffic</i> , 2008, 9, 1446-1457.	1.3	63
142	Adaptor protein 2-mediated endocytosis of the $\Phi$ <sup>2</sup> -secretase BACE1 is dispensable for amyloid precursor protein processing. <i>Molecular Biology of the Cell</i> , 2012, 23, 2339-2351.	0.9	63
143	Ultrastructure of Long-Range Transport Carriers Moving from the trans Golgi Network to Peripheral Endosomes. <i>Traffic</i> , 2006, 7, 1092-1103.	1.3	62
144	Crystallographic and Functional Analysis of the ESCRT-I /HIV-1 Gag PTAP Interaction. <i>Structure</i> , 2010, 18, 1536-1547.	1.6	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.	0.6	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.	0.6	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.	2.6	58
148	Structural Requirements for Function of Yeast GGAs in Vacuolar Protein Sorting, $\hat{1}$ -Factor Maturation, and Interactions with Clathrin. <i>Molecular and Cellular Biology</i> , 2001, 21, 7981-7994.	1.1	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.	1.5	57
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