Juan S Bonifacino

List of Publications by Year
in descending order

242	44,212	2962 96	2453 203
papers	citations	h-index	g-index

251	251	251	38591
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Autophagy-associated immune dysregulation and hyperplasia in a patient with compound heterozygous mutations in ATG9A. Autophagy, 2023, 19, 678-691.	4.3	4
2	RUFY3 and RUFY4 are ARL8 effectors that promote coupling of endolysosomes to dynein-dynactin. Nature Communications, 2022, 13, 1506.	5.8	40
3	Transcytosis and trans-synaptic retention by postsynaptic ErbB4 underlie axonal accumulation of NRG3. Journal of Cell Biology, 2022, 221, .	2.3	3
4	Measurement of Lysosome Positioning by Shell Analysis and Line Scan. Methods in Molecular Biology, 2022, , 285-306.	0.4	1
5	ARL8 Relieves SKIP Autoinhibition to Enable Coupling of Lysosomes to Kinesin-1. Current Biology, 2021, 31, 540-554.e5.	1.8	39
6	SNX19 restricts endolysosome motility through contacts with the endoplasmic reticulum. Nature Communications, 2021, 12, 4552.	5.8	33
7	Î±-Synuclein fibrils subvert lysosome structure and function for the propagation of protein misfolding between cells through tunneling nanotubes. PLoS Biology, 2021, 19, e3001287.	2.6	45
8	The Golgi-associated retrograde protein (GARP) complex plays an essential role in the maintenance of the Golgi glycosylation machinery. Molecular Biology of the Cell, 2021, 32, 1594-1610.	0.9	17
9	RUSC2 and WDR47 oppositely regulate kinesinâ€“1-dependent distribution of ATG9A to the cell periphery. Molecular Biology of the Cell, 2021, 32, ar25.	0.9	12
10	A human iPSC-derived inducible neuronal model of Niemann-Pick disease, type C1. BMC Biology, 2021, 19, 218.	1.7	7
11	The ubiquitin isopeptidase USP10 deubiquitinates LC3B to increase LC3B levels and autophagic activity. Journal of Biological Chemistry, 2021, 296, 100405.	1.6	17
12	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 302 Td (edition	4.3	1,430
13	The autophagy protein ATG9A enables lipid mobilization from lipid droplets. Nature Communications, 2021, 12, 6750.	5.8	49
14	Novel Lysosomal Positioning Defects Due to Biallelic Mutations in BORCS7 Causes a Neurodegenerative Disease Presenting as Hereditary-Spastic Paraplegia. Neuropediatrics, 2021, 52, .	0.3	0
15	Regulation of LC3B levels by ubiquitination and proteasomal degradation. Autophagy, 2020, 16, 382-384.	4.3	18
16	Lysosomes as dynamic regulators of cell and organismal homeostasis. Nature Reviews Molecular Cell Biology, 2020, 21, 101-118.	16.1	757
17	The structure of human ATG9A and its interplay with the lipid bilayer. Autophagy, 2020, 16, 2292-2293.	4.3	6
18	A myosin-7Bâ€“dependent endocytosis pathway mediates cellular entry of Î±-synuclein fibrils and polycation-bearing cargos. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 10865-10875.	3.3	37

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19	The Parkinsonâ€™s Disease Protein LRRK2 Interacts with the GARP Complex to Promote Retrograde Transport to the trans-Golgi Network. Cell Reports, 2020, 31, 107614.	2.9	49
20	Synaptic Vesicle Precursors and Lysosomes Are Transported by Different Mechanisms in the Axon of Mammalian Neurons. Cell Reports, 2020, 31, 107775.	2.9	44
21	Structure of Human ATG9A, the Only Transmembrane Protein of the Core Autophagy Machinery. Cell Reports, 2020, 31, 107837.	2.9	108
22	The FTS-Hook-FHIP (FHF) complex interacts with AP-4 to mediate perinuclear distribution of AP-4 and its cargo ATG9A. Molecular Biology of the Cell, 2020, 31, 963-979.	0.9	20
23	Loss of endocytosis-associated RabGEF1 causes aberrant morphogenesis and altered autophagy in photoreceptors leading to retinal degeneration. PLoS Genetics, 2020, 16, e1009259.	1.5	11
24	The role of AP-4 in cargo export from the trans-Golgi network and hereditary spastic paraplegia. Biochemical Society Transactions, 2020, 48, 1877-1888.	1.6	7
25	Title is missing!. , 2020, 16, e1009259.		0
26	Title is missing!. , 2020, 16, e1009259.		0
27	Title is missing!. , 2020, 16, e1009259.		0
28	Title is missing!. , 2020, 16, e1009259.		0
29	Title is missing!. , 2020, 16, e1009259.		0
30	Title is missing!. , 2020, 16, e1009259.		0
31	Coatopathies: Genetic Disorders of Protein Coats. Annual Review of Cell and Developmental Biology, 2019, 35, 131-168.	4.0	65
32	The autophagy protein ATG9A promotes HIV-1 infectivity. Retrovirology, 2019, 16, 18.	0.9	10
33	Phagolysosome resolution requires contacts with the endoplasmic reticulum and phosphatidylinositol-4-phosphate signalling. Nature Cell Biology, 2019, 21, 1234-1247.	4.6	80
34	ARFRP1 functions upstream of ARL1 and ARL5 to coordinate recruitment of distinct tethering factors to the trans-Golgi network. Journal of Cell Biology, 2019, 218, 3681-3696.	2.3	28
35	Reversible association with motor proteins (RAMP): A streptavidin-based method to manipulate organelle positioning. PLoS Biology, 2019, 17, e3000279.	2.6	21
36	Lysosome Positioning Influences mTORC2 and AKT Signaling. Molecular Cell, 2019, 75, 26-38.e3.	4.5	77

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37	A family of PIKFYVE inhibitors with therapeutic potential against autophagy-dependent cancer cells disrupt multiple events in lysosome homeostasis. Autophagy, 2019, 15, 1694-1718.	4.3	76
38	A neurodevelopmental disorder caused by mutations in the VPS51 subunit of the GARP and EARP complexes. Human Molecular Genetics, 2019, 28, 1548-1560.	1.4	38
39	Negative regulation of autophagy by UBA6-BIRC6â€“mediated ubiquitination of LC3. ELife, 2019, 8, .	2.8	65
40	Neuronal functions of adaptor complexes involved in protein sorting. Current Opinion in Neurobiology, 2018, 51, 103-110.	2.0	51
41	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.	1.5	85
42	Moving and positioning the endolysosomal system. Current Opinion in Cell Biology, 2017, 47, 1-8.	2.6	173
43	BORC/kinesin-1 ensemble drives polarized transport of lysosomes into the axon. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E2955-E2964.	3.3	158
44	Segregation in the Golgi complex precedes export of endolysosomal proteins in distinct transport carriers. Journal of Cell Biology, 2017, 216, 4141-4151.	2.3	78
45	A Ragulatorâ€“BORC interaction controls lysosome positioning in response to amino acid availability. Journal of Cell Biology, 2017, 216, 4183-4197.	2.3	98
46	BORC coordinates encounter and fusion of lysosomes with autophagosomes. Autophagy, 2017, 13, 1648-1663.	4.3	109
47	Molecular mechanism for the subversion of the retromer coat by the Legionella effector RidL. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E11151-E11160.	3.3	42
48	AP-4 mediates export of ATG9A from the trans -Golgi network to promote autophagosome formation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E10697-E10706.	3.3	125
49	Mechanisms of Polarized Organelle Distribution in Neurons. Frontiers in Cellular Neuroscience, 2016, 10, 88.	1.8	38
50	Polarized trafficking of the sorting receptor Sor<scp>LA</scp> in neurons and <scp>MDCK</scp> cells. FEBS Journal, 2016, 283, 2476-2493.	2.2	17
51	BORC Functions Upstream of Kinesins 1 and 3 to Coordinate Regional Movement of Lysosomes along Different Microtubule Tracks. Cell Reports, 2016, 17, 1950-1961.	2.9	193
52	Imaging the Polarized Sorting of Proteins from the Golgi Complex in Live Neurons. Methods in Molecular Biology, 2016, 1496, 13-30.	0.4	17
53	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.	3.3	89
54	Structural Mechanism for Cargo Recognition by the Retromer Complex. Cell, 2016, 167, 1623-1635.e14.	13.5	172

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55	TSSC1 is novel component of the endosomal retrieval machinery. Molecular Biology of the Cell, 2016, 27, 2867-2878.	0.9	27
56	Mechanisms and functions of lysosome positioning. Journal of Cell Science, 2016, 129, 4329-4339.	1.2	332
57	Restricted Location of PSEN2/Î³-Secretase Determines Substrate Specificity and Generates an Intracellular AÎ² Pool. Cell, 2016, 166, 193-208.	13.5	260
58	Bivalent Motif-Ear Interactions Mediate the Association of the Accessory Protein Tepsin with the AP-4 Adaptor Complex. Journal of Biological Chemistry, 2015, 290, 30736-30749.	1.6	25
59	Sorting of Dendritic and Axonal Vesicles at the Pre-axonal Exclusion Zone. Cell Reports, 2015, 13, 1221-1232.	2.9	94
60	Polarized sorting of the copper transporter ATP7B in neurons mediated by recognition of a dileucine signal by AP-1. Molecular Biology of the Cell, 2015, 26, 218-228.	0.9	49
61	Formation of Tubulovesicular Carriers from Endosomes and Their Fusion to the trans-Golgi Network. International Review of Cell and Molecular Biology, 2015, 318, 159-202.	1.6	14
62	EARP is a multisubunit tethering complex involved in endocytic recycling. Nature Cell Biology, 2015, 17, 639-650.	4.6	112
63	BORC, a Multisubunit Complex that Regulates Lysosome Positioning. Developmental Cell, 2015, 33, 176-188.	3.1	283
64	Association between Rare Variants in AP4E1, a Component of Intracellular Trafficking, and Persistent Stuttering. American Journal of Human Genetics, 2015, 97, 715-725.	2.6	58
65	HIV-1 Vpu Accessory Protein Induces Caspase-mediated Cleavage of IRF3 Transcription Factor. Journal of Biological Chemistry, 2014, 289, 35102-35110.	1.6	27
66	Co-assembly of Viral Envelope Glycoproteins Regulates Their Polarized Sorting in Neurons. PLoS Pathogens, 2014, 10, e1004107.	2.1	21
67	<scp>APâ€1A</scp> Controls Secretory Granule Biogenesis and Trafficking of Membrane Secretory Granule Proteins. Traffic, 2014, 15, 1099-1121.	1.3	30
68	Vesicular transport earns a Nobel. Trends in Cell Biology, 2014, 24, 3-5.	3.6	37
69	Going Forward with Retromer. Developmental Cell, 2014, 29, 3-4.	3.1	4
70	Adaptor proteins involved in polarized sorting. Journal of Cell Biology, 2014, 204, 7-17.	2.3	215
71	Interaction of HIV-1 Nef Protein with the Host Protein Alix Promotes Lysosomal Targeting of CD4 Receptor. Journal of Biological Chemistry, 2014, 289, 27744-27756.	1.6	30
72	How HIV-1 Nef hijacks the AP-2 clathrin adaptor to downregulate CD4. ELife, 2014, 3, e01754.	2.8	102

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73	Anchors aweigh: protein localization and transport mediated by transmembrane domains. Trends in Cell Biology, 2013, 23, 511-517.	3.6	64
74	Cargo Recognition in Clathrin-Mediated Endocytosis. Cold Spring Harbor Perspectives in Biology, 2013, 5, a016790-a016790.	2.3	244
75	Structural Basis for the Recognition of Tyrosine-based Sorting Signals by the Î¼3A Subunit of the AP-3 Adaptor Complex. Journal of Biological Chemistry, 2013, 288, 9563-9571.	1.6	40
76	The Adaptor Protein-1ÂÎ¼1B Subunit Expands the Repertoire of Basolateral Sorting Signal Recognition in Epithelial Cells. Developmental Cell, 2013, 27, 353-366.	3.1	66
77	Deubiquitinases Sharpen Substrate Discrimination during Membrane Protein Degradation from the ER. Cell, 2013, 154, 609-622.	13.5	66
78	Structural Basis for the Interaction of the Golgi-Associated Retrograde Protein Complex with the t-SNARE Syntaxin 6. Structure, 2013, 21, 1698-1706.	1.6	26
79	Structural Basis for Recruitment and Activation of the AP-1 Clathrin Adaptor Complex by Arf1. Cell, 2013, 152, 755-767.	13.5	172
80	The clathrin adaptor complexes as a paradigm for membraneâ€associated allostery. Protein Science, 2013, 22, 517-529.	3.1	50
81	Basolateral sorting of the coxsackie and adenovirus receptor through interaction of a canonical YXXÎ¦ 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.	3.3	71
82	Transmembrane Domain Determinants of CD4 Downregulation by HIV-1 Vpu. Journal of Virology, 2012, 86, 757-772.	1.5	50
83	Nef-arious goings-on at the Golgi. Nature Structural and Molecular Biology, 2012, 19, 661-662.	3.6	2
84	Assembly and Architecture of Biogenesis of Lysosome-related Organelles Complex-1 (BLOC-1). Journal of Biological Chemistry, 2012, 287, 5882-5890.	1.6	55
85	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. Molecular Biology of the Cell, 2012, 23, 3178-3192.	0.9	57
86	Adaptor protein 2â€“mediated endocytosis of the Î²-secretase BACE1 is dispensable for amyloid precursor protein processing. Molecular Biology of the Cell, 2012, 23, 2339-2351.	0.9	63
87	The Clathrin Adaptor AP-1A Mediates Basolateral Polarity. Developmental Cell, 2012, 22, 811-823.	3.1	144
88	Signal-Mediated, AP-1/Clathrin-Dependent Sorting of Transmembrane Receptors to the Somatodendritic Domain of Hippocampal Neurons. Neuron, 2012, 75, 810-823.	3.8	98
89	Lysosomal protein trafficking in Giardia lamblia: common and distinct features. Frontiers in Bioscience - Elite, 2012, E4, 1898.	0.9	11
90	Transport according to GARP: receiving retrograde cargo at the trans-Golgi network. Trends in Cell Biology, 2011, 21, 159-167.	3.6	133

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91	Conservation and Diversification of Dileucine Signal Recognition by Adaptor Protein (AP) Complex Variants. Journal of Biological Chemistry, 2011, 286, 2022-2030.	1.6	94
92	Disruption of the Murine Ap2Î²1 Gene Causes Nonsyndromic Cleft Palate. Cleft Palate-Craniofacial Journal, 2010, 47, 566-573.	0.5	19
93	Protein Trafficking. Current Protocols in Cell Biology, 2010, 48, 15.0.1.	2.3	0
94	Crystallographic and Functional Analysis of the ESCRT-I /HIV-1 Gag PTAP Interaction. Structure, 2010, 18, 1536-1547.	1.6	62
95	Ang2/Fat-Free Is a Conserved Subunit of the Golgi-associated Retrograde Protein Complex. Molecular Biology of the Cell, 2010, 21, 3386-3395.	0.9	78
96	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.	3.3	67
97	Assembly of the Biogenesis of Lysosome-related Organelles Complex-3 (BLOC-3) and Its Interaction with Rab9. Journal of Biological Chemistry, 2010, 285, 7794-7804.	1.6	90
98	Serine Residues in the Cytosolic Tail of the T-cell Antigen Receptor Î±-Chain Mediate Ubiquitination and Endoplasmic Reticulum-associated Degradation of the Unassembled Protein. Journal of Biological Chemistry, 2010, 285, 23916-23924.	1.6	83
99	Functional characterization of protein-sorting machineries at the trans-Golgi network in Drosophila melanogaster. Journal of Cell Science, 2010, 123, 460-471.	1.2	28
100	Multilayered Mechanism of CD4 Downregulation by HIV-1 Vpu Involving Distinct ER Retention and ERAD Targeting Steps. PLoS Pathogens, 2010, 6, e1000869.	2.1	145
101	Sorting of the Alzheimer's Disease Amyloid Precursor Protein Mediated by the AP-4 Complex. Developmental Cell, 2010, 18, 425-436.	3.1	228
102	A Basic Patch on Î±-Adaptin Is Required for Binding of Human Immunodeficiency Virus Type 1 Nef and Cooperative Assembly of a CD4-Nef-AP-2 Complex. Journal of Virology, 2009, 83, 2518-2530.	1.5	47
103	Gga2 Mediates Sequential Ubiquitin-independent and Ubiquitin-dependent Steps in the Trafficking of ARN1 from the trans-Golgi Network to the Vacuole. Journal of Biological Chemistry, 2009, 284, 23830-23841.	1.6	37
104	Human Immunodeficiency Virus Type 1 Nef Protein Targets CD4 to the Multivesicular Body Pathway. Journal of Virology, 2009, 83, 6578-6590.	1.5	57
105	Dual Roles of the Mammalian GARP Complex in Tethering and SNARE Complex Assembly at the trans-Golgi Network. Molecular and Cellular Biology, 2009, 29, 5251-5263.	1.1	130
106	Coatomer-dependent protein delivery to lipid droplets. Journal of Cell Science, 2009, 122, 1834-1841.	1.2	216
107	Sorting of lysosomal proteins. Biochimica Et Biophysica Acta - Molecular Cell Research, 2009, 1793, 605-614.	1.9	676
108	Subcellular Fractionation and Isolation of Organelles. Current Protocols in Cell Biology, 2009, 45, 3.0.1.	2.3	0

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109	Subcellular Fractionation and Isolation of Organelles. Current Protocols in Cell Biology, 2009, 42, 3.0.1.	2.3	0
110	The APâ€4 Complex Mediates Sorting and Processing of the Alzheimer's Disease Amyloid Precursor Protein. FASEB Journal, 2009, 23, 205.3.	0.2	0
111	CD1a and MHC Class I Follow a Similar Endocytic Recycling Pathway. Traffic, 2008, 9, 1446-1457.	1.3	63
112	Ubiquitin binding and conjugation regulate the recruitment of Rabex-5 to early endosomes. EMBO Journal, 2008, 27, 2484-2494.	3.5	71
113	Retromer. Current Opinion in Cell Biology, 2008, 20, 427-436.	2.6	411
114	GGA and Arf Proteins Modulate Retrovirus Assembly and Release. Molecular Cell, 2008, 30, 227-238.	4.5	55
115	Regulation of retromer recruitment to endosomes by sequential action of Rab5 and Rab7. Journal of Cell Biology, 2008, 183, 513-526.	2.3	395
116	Competition Model for Upregulation of the Major Histocompatibility Complex Class II-Associated Invariant Chain by Human Immunodeficiency Virus Type 1 Nef. Journal of Virology, 2008, 82, 7758-7767.	1.5	16
117	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.	1.5	84
118	Requirement of the Human GARP Complex for Mannose 6-phosphate-receptor-dependent Sorting of Cathepsin D to Lysosomes. Molecular Biology of the Cell, 2008, 19, 2350-2362.	0.9	147
119	Subcellular Fractionation and Isolation of Organelles. Current Protocols in Cell Biology, 2008, 41, 3.0.1.	2.3	0
120	Protein Trafficking. Current Protocols in Cell Biology, 2008, 40, 15.0.1.	2.3	0
121	Protein transport from the trans-Golgi network to endosomes. , 2008, , 388-401.		1
122	Mechanisms of CD4 Downregulation by the Nef and Vpu Proteins of Primate Immunodeficiency Viruses. Current Molecular Medicine, 2007, 7, 171-184.	0.6	91
123	PI4P Promotes the Recruitment of the GGA Adaptor Proteins to the Trans-Golgi Network and Regulates Their Recognition of the Ubiquitin Sorting Signal. Molecular Biology of the Cell, 2007, 18, 2646-2655.	0.9	158
124	The retromer complex and clathrin define an early endosomal retrograde exit site. Journal of Cell Science, 2007, 120, 2022-2031.	1.2	152
125	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. Journal of Virology, 2007, 81, 3877-3890.	1.5	186
126	Canonical Interaction of Cyclin Gâ€“associated Kinase with Adaptor Protein 1 Regulates Lysosomal Enzyme Sorting. Molecular Biology of the Cell, 2007, 18, 2991-3001.	0.9	65

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127	The Trans-Golgi Network Accessory Protein p56 Promotes Long-Range Movement of GGA/Clathrin-containing Transport Carriers and Lysosomal Enzyme Sorting. Molecular Biology of the Cell, 2007, 18, 3486-3501.	0.9	72
128	Interchangeable but Essential Functions of SNX1 and SNX2 in the Association of Retromer with Endosomes and the Trafficking of Mannose 6-Phosphate Receptors. Molecular and Cellular Biology, 2007, 27, 1112-1124.	1.1	204
129	Direct Binding to Rsp5p Regulates Ubiquitination-independent Vacuolar Transport of Sna3p. Molecular Biology of the Cell, 2007, 18, 1781-1789.	0.9	30
130	The Vps27/Hse1 Complex Is a GAT Domain-Based Scaffold for Ubiquitin-Dependent Sorting. Developmental Cell, 2007, 12, 973-986.	3.1	67
131	Functional architecture of the retromer cargo-recognition complex. Nature, 2007, 449, 1063-1067.	13.7	250
132	Ultrastructure of Long-Range Transport Carriers Moving from the trans Golgi Network to Peripheral Endosomes. Traffic, 2006, 7, 1092-1103.	1.3	62
133	Retrograde transport from endosomes to the trans-Golgi network. Nature Reviews Molecular Cell Biology, 2006, 7, 568-579.	16.1	568
134	Structural basis for ubiquitin recognition and autoubiquitination by Rabex-5. Nature Structural and Molecular Biology, 2006, 13, 264-271.	3.6	188
135	The retromer subunit Vps26 has an arrestin fold and binds Vps35 through its C-terminal domain. Nature Structural and Molecular Biology, 2006, 13, 540-548.	3.6	153
136	Imaging Intracellular Fluorescent Proteins at Nanometer Resolution. Science, 2006, 313, 1642-1645.	6.0	7,580
137	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. Journal of Biological Chemistry, 2006, 281, 6874-6883.	1.6	105
138	Involvement of clathrin and AP-2 in the trafficking of MHC class II molecules to antigen-processing compartments. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 7910-7915.	3.3	122
139	Structural mechanism for ubiquitinated-cargo recognition by the Golgi-localized, Â-ear-containing, ADP-ribosylation-factor-binding proteins. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 2334-2339.	3.3	66
140	In Vitro Assays of Arf1 Interaction with GGA Proteins. Methods in Enzymology, 2005, 404, 316-332.	0.4	22
141	Epidermal Growth Factor-Dependent Phosphorylation of the GGA3 Adaptor Protein Regulates Its Recruitment to Membranes. Molecular and Cellular Biology, 2005, 25, 7988-8000.	1.1	25
142	Clathrin Adaptor AP-2 Is Essential for Early Embryonal Development. Molecular and Cellular Biology, 2005, 25, 9318-9323.	1.1	121
143	CD4 Down-regulation by HIV-1 and Simian Immunodeficiency Virus (SIV) Nef Proteins Involves Both Internalization and Intracellular Retention Mechanisms. Journal of Biological Chemistry, 2005, 280, 7413-7426.	1.6	41
144	Functions of Adaptor Protein (AP)-3 and AP-1 in Tyrosinase Sorting from Endosomes to Melanosomes. Molecular Biology of the Cell, 2005, 16, 5356-5372.	0.9	225

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145	Role of the Endocytic Machinery in the Sorting of Lysosome-associated Membrane Proteins. Molecular Biology of the Cell, 2005, 16, 4231-4242.	0.9	201
146	Polycystic liver disease is a disorder of cotranslational protein processing. Trends in Molecular Medicine, 2005, 11, 37-42.	3.5	83
147	Role of the mammalian retromer in sorting of the cation-independent mannose 6-phosphate receptor. Journal of Cell Biology, 2004, 165, 123-133.	2.3	549
148	The Trihelical Bundle Subdomain of the GGA Proteins Interacts with Multiple Partners through Overlapping but Distinct Sites. Journal of Biological Chemistry, 2004, 279, 31409-31418.	1.6	33
149	Definition of the Consensus Motif Recognized by Î³-Adaptin Ear Domains. Journal of Biological Chemistry, 2004, 279, 8018-8028.	1.6	63
150	Interactions of GGA3 with the ubiquitin sorting machinery. Nature Cell Biology, 2004, 6, 244-251.	4.6	218
151	The GGA proteins: adaptors on the move. Nature Reviews Molecular Cell Biology, 2004, 5, 23-32.	16.1	349
152	Insights into the Biogenesis of Lysosome-Related Organelles from the Study of the Hermansky-Pudlak Syndrome. Annals of the New York Academy of Sciences, 2004, 1038, 103-114.	1.8	55
153	Molecular characterization of hepatocystin, the protein that is defective in autosomal dominant polycystic liver disease. Gastroenterology, 2004, 126, 1819-1827.	0.6	60
154	An Ear-Core Interaction Regulates the Recruitment of the AP-3 Complex to Membranes. Developmental Cell, 2004, 7, 619-625.	3.1	31
155	The Mechanisms of Vesicle Budding and Fusion. Cell, 2004, 116, 153-166.	13.5	1,628
156	Reduced pigmentation (rp), a mouse model of Hermansky-Pudlak syndrome, encodes a novel component of the BLOC-1 complex. Blood, 2004, 104, 3181-3189.	0.6	48
157	Divalent interaction of the GGAs with the Rabaptin-5-Rabex-5 complex. EMBO Journal, 2003, 22, 78-88.	3.5	135
158	Recognition of accessory protein motifs by the Î³-adaptin ear domain of GGA3. Nature Structural and Molecular Biology, 2003, 10, 599-606.	3.6	52
159	Germline mutations in PRKCSH are associated with autosomal dominant polycystic liver disease. Nature Genetics, 2003, 33, 345-347.	9.4	218
160	Coat proteins: shaping membrane transport. Nature Reviews Molecular Cell Biology, 2003, 4, 409-414.	16.1	355
161	Signals for Sorting of Transmembrane Proteins to Endosomes and Lysosomes. Annual Review of Biochemistry, 2003, 72, 395-447.	5.0	1,850
162	Endosome-Specific Localization and Function of the ARF Activator GNOM. Cell, 2003, 112, 141-142.	13.5	24

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163	Specific Regulation of the Adaptor Protein Complex AP-3 by the Arf GAP AGAP1. Developmental Cell, 2003, 5, 513-521.	3.1	88
164	Morphology and Dynamics of Clathrin/GGA1-coated Carriers Budding from theTrans-Golgi Network. Molecular Biology of the Cell, 2003, 14, 1545-1557.	0.9	115
165	Recognition of dileucine-based sorting signals from HIV-1 Nef and LIMP-II by the AP-1 Î³â€“Ïƒ1 and AP-3 Îˆâ€“Ïƒ3 hemicomplexes. Journal of Cell Biology, 2003, 163, 1281-1290.	2.3	223
166	Adaptor and Clathrin Exchange at the Plasma Membrane andtrans-Golgi Network. Molecular Biology of the Cell, 2003, 14, 516-528.	0.9	90
167	BLOC-3, a Protein Complex Containing the Hermansky-Pudlak Syndrome Gene Products HPS1 and HPS4. Journal of Biological Chemistry, 2003, 278, 29376-29384.	1.6	116
168	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.	0.6	79
169	Enthoprotin. Journal of Cell Biology, 2002, 158, 855-862.	2.3	182
170	Genomic Screen for Vacuolar Protein Sorting Genes inSaccharomyces cerevisiae. Molecular Biology of the Cell, 2002, 13, 2486-2501.	0.9	293
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