

Juan S Bonifacino

List of Publications by Year in descending order

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Version: 2024-02-01

242
papers

44,212
citations

2538

96
h-index

2116

203
g-index

251
all docs

251
docs citations

251
times ranked

34572
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy-associated immune dysregulation and hyperplasia in a patient with compound heterozygous mutations in <i>ATG9A</i> . <i>Autophagy</i> , 2023, 19, 678-691.	4.3	4
2	RUFY3 and RUFY4 are ARL8 effectors that promote coupling of endolysosomes to dynein-dynactin. <i>Nature Communications</i> , 2022, 13, 1506.	5.8	40
3	Transcytosis and trans-synaptic retention by postsynaptic ErbB4 underlie axonal accumulation of NRG3. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	3
4	Measurement of Lysosome Positioning by Shell Analysis and Line Scan. <i>Methods in Molecular Biology</i> , 2022, , 285-306.	0.4	1
5	ARL8 Relieves SKIP Autoinhibition to Enable Coupling of Lysosomes to Kinesin-1. <i>Current Biology</i> , 2021, 31, 540-554.e5.	1.8	39
6	SNX19 restricts endolysosome motility through contacts with the endoplasmic reticulum. <i>Nature Communications</i> , 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. <i>PLoS Biology</i> , 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. <i>Molecular Biology of the Cell</i> , 2021, 32, 1594-1610.	0.9	17
9	RUSC2 and WDR47 oppositely regulate kinesinâ€“1-dependent distribution of ATG9A to the cell periphery. <i>Molecular Biology of the Cell</i> , 2021, 32, ar25.	0.9	12
10	A human iPSC-derived inducible neuronal model of Niemann-Pick disease, type C1. <i>BMC Biology</i> , 2021, 19, 218.	1.7	7
11	The ubiquitin isopeptidase USP10 deubiquitinates LC3B to increase LC3B levels and autophagic activity. <i>Journal of Biological Chemistry</i> , 2021, 296, 100405.	1.6	17
12	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQqO 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. <i>Nature Communications</i> , 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. <i>Neuropediatrics</i> , 2021, 52, .	0.3	0
15	Regulation of LC3B levels by ubiquitination and proteasomal degradation. <i>Autophagy</i> , 2020, 16, 382-384.	4.3	18
16	Lysosomes as dynamic regulators of cell and organismal homeostasis. <i>Nature Reviews Molecular Cell Biology</i> , 2020, 21, 101-118.	16.1	757
17	The structure of human ATG9A and its interplay with the lipid bilayer. <i>Autophagy</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 10865-10875.	3.3	37

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19	The Parkinson's Disease Protein LRRK2 Interacts with the GARP Complex to Promote Retrograde Transport to the trans-Golgi Network. <i>Cell Reports</i> , 2020, 31, 107614.	2.9	49
20	Synaptic Vesicle Precursors and Lysosomes Are Transported by Different Mechanisms in the Axon of Mammalian Neurons. <i>Cell Reports</i> , 2020, 31, 107775.	2.9	44
21	Structure of Human ATG9A, the Only Transmembrane Protein of the Core Autophagy Machinery. <i>Cell Reports</i> , 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. <i>Molecular Biology of the Cell</i> , 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. <i>PLoS Genetics</i> , 2020, 16, e1009259.	1.5	11
24	The role of AP-4 in cargo export from the trans-Golgi network and hereditary spastic paraplegia. <i>Biochemical Society Transactions</i> , 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. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 131-168.	4.0	65
32	The autophagy protein ATG9A promotes HIV-1 infectivity. <i>Retrovirology</i> , 2019, 16, 18.	0.9	10
33	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
34	ARFRP1 functions upstream of ARL1 and ARL5 to coordinate recruitment of distinct tethering factors to the trans-Golgi network. <i>Journal of Cell Biology</i> , 2019, 218, 3681-3696.	2.3	28
35	Reversible association with motor proteins (RAMP): A streptavidin-based method to manipulate organelle positioning. <i>PLoS Biology</i> , 2019, 17, e3000279.	2.6	21
36	Lysosome Positioning Influences mTORC2 and AKT Signaling. <i>Molecular Cell</i> , 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. <i>Autophagy</i> , 2019, 15, 1694-1718.	4.3	76
38	A neurodevelopmental disorder caused by mutations in the VPS51 subunit of the GARP and EARP complexes. <i>Human Molecular Genetics</i> , 2019, 28, 1548-1560.	1.4	38
39	Negative regulation of autophagy by UBA6-BIRC6-mediated ubiquitination of LC3. <i>ELife</i> , 2019, 8, .	2.8	65
40	Neuronal functions of adaptor complexes involved in protein sorting. <i>Current Opinion in Neurobiology</i> , 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. <i>PLoS Genetics</i> , 2018, 14, e1007363.	1.5	85
42	Moving and positioning the endolysosomal system. <i>Current Opinion in Cell Biology</i> , 2017, 47, 1-8.	2.6	173
43	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
44	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
45	A Ragulator-BORC interaction controls lysosome positioning in response to amino acid availability. <i>Journal of Cell Biology</i> , 2017, 216, 4183-4197.	2.3	98
46	BORC coordinates encounter and fusion of lysosomes with autophagosomes. <i>Autophagy</i> , 2017, 13, 1648-1663.	4.3	109
47	Molecular mechanism for the subversion of the retromer coat by the <i>Legionella</i> effector RidL. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11151-E11160.	3.3	42
48	AP-4 mediates export of ATG9A from the trans-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
49	Mechanisms of Polarized Organelle Distribution in Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 88.	1.8	38
50	Polarized trafficking of the sorting receptor SorLA in neurons and MDCK cells. <i>FEBS Journal</i> , 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. <i>Cell Reports</i> , 2016, 17, 1950-1961.	2.9	193
52	Imaging the Polarized Sorting of Proteins from the Golgi Complex in Live Neurons. <i>Methods in Molecular Biology</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E5318-27.	3.3	89
54	Structural Mechanism for Cargo Recognition by the Retromer Complex. <i>Cell</i> , 2016, 167, 1623-1635.e14.	13.5	172

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55	TSSC1 is novel component of the endosomal retrieval machinery. <i>Molecular Biology of the Cell</i> , 2016, 27, 2867-2878.	0.9	27
56	Mechanisms and functions of lysosome positioning. <i>Journal of Cell Science</i> , 2016, 129, 4329-4339.	1.2	332
57	Restricted Location of PSEN2/ β 3-Secretase Determines Substrate Specificity and Generates an Intracellular $A\beta$ Pool. <i>Cell</i> , 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. <i>Journal of Biological Chemistry</i> , 2015, 290, 30736-30749.	1.6	25
59	Sorting of Dendritic and Axonal Vesicles at the Pre-axonal Exclusion Zone. <i>Cell Reports</i> , 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. <i>Molecular Biology of the Cell</i> , 2015, 26, 218-228.	0.9	49
61	Formation of Tubulovesicular Carriers from Endosomes and Their Fusion to the trans-Golgi Network. <i>International Review of Cell and Molecular Biology</i> , 2015, 318, 159-202.	1.6	14
62	EARP is a multisubunit tethering complex involved in endocytic recycling. <i>Nature Cell Biology</i> , 2015, 17, 639-650.	4.6	112
63	BORC, a Multisubunit Complex that Regulates Lysosome Positioning. <i>Developmental Cell</i> , 2015, 33, 176-188.	3.1	283
64	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
65	HIV-1 Vpu Accessory Protein Induces Caspase-mediated Cleavage of IRF3 Transcription Factor. <i>Journal of Biological Chemistry</i> , 2014, 289, 35102-35110.	1.6	27
66	Co-assembly of Viral Envelope Glycoproteins Regulates Their Polarized Sorting in Neurons. <i>PLoS Pathogens</i> , 2014, 10, e1004107.	2.1	21
67	<scp>APâ€1A</scp> Controls Secretory Granule Biogenesis and Trafficking of Membrane Secretory Granule Proteins. <i>Traffic</i> , 2014, 15, 1099-1121.	1.3	30
68	Vesicular transport earns a Nobel. <i>Trends in Cell Biology</i> , 2014, 24, 3-5.	3.6	37
69	Going Forward with Retromer. <i>Developmental Cell</i> , 2014, 29, 3-4.	3.1	4
70	Adaptor proteins involved in polarized sorting. <i>Journal of Cell Biology</i> , 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. <i>Journal of Biological Chemistry</i> , 2014, 289, 27744-27756.	1.6	30
72	How HIV-1 Nef hijacks the AP-2 clathrin adaptor to downregulate CD4. <i>ELife</i> , 2014, 3, e01754.	2.8	102

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73	Anchors aweigh: protein localization and transport mediated by transmembrane domains. <i>Trends in Cell Biology</i> , 2013, 23, 511-517.	3.6	64
74	Cargo Recognition in Clathrin-Mediated Endocytosis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a016790-a016790.	2.3	244
75	Structural Basis for the Recognition of Tyrosine-based Sorting Signals by the $\hat{1}$ /43A Subunit of the AP-3 Adaptor Complex. <i>Journal of Biological Chemistry</i> , 2013, 288, 9563-9571.	1.6	40
76	The Adaptor Protein-1 $\hat{1}$ /41B Subunit Expands the Repertoire of Basolateral Sorting Signal Recognition in Epithelial Cells. <i>Developmental Cell</i> , 2013, 27, 353-366.	3.1	66
77	Deubiquitinases Sharpen Substrate Discrimination during Membrane Protein Degradation from the ER. <i>Cell</i> , 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. <i>Structure</i> , 2013, 21, 1698-1706.	1.6	26
79	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
80	The clathrin adaptor complexes as a paradigm for membrane-associated allostery. <i>Protein Science</i> , 2013, 22, 517-529.	3.1	50
81	Basolateral sorting of the coxsackie and adenovirus receptor through interaction of a canonical YXX $\hat{1}$ 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
82	Transmembrane Domain Determinants of CD4 Downregulation by HIV-1 Vpu. <i>Journal of Virology</i> , 2012, 86, 757-772.	1.5	50
83	Nef-arious goings-on at the Golgi. <i>Nature Structural and Molecular Biology</i> , 2012, 19, 661-662.	3.6	2
84	Assembly and Architecture of Biogenesis of Lysosome-related Organelles Complex-1 (BLOC-1). <i>Journal of Biological Chemistry</i> , 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. <i>Molecular Biology of the Cell</i> , 2012, 23, 3178-3192.	0.9	57
86	Adaptor protein 2-mediated endocytosis of the $\hat{1}$ -secretase BACE1 is dispensable for amyloid precursor protein processing. <i>Molecular Biology of the Cell</i> , 2012, 23, 2339-2351.	0.9	63
87	The Clathrin Adaptor AP-1A Mediates Basolateral Polarity. <i>Developmental Cell</i> , 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. <i>Neuron</i> , 2012, 75, 810-823.	3.8	98
89	Lysosomal protein trafficking in <i>Giardia lamblia</i> : common and distinct features. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 1898.	0.9	11
90	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

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91	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
92	Disruption of the Murine <i>Ap2¹</i> Gene Causes Nonsyndromic Cleft Palate. <i>Cleft Palate-Craniofacial Journal</i> , 2010, 47, 566-573.	0.5	19
93	Protein Trafficking. <i>Current Protocols in Cell Biology</i> , 2010, 48, 15.0.1.	2.3	0
94	Crystallographic and Functional Analysis of the ESCRT-I /HIV-1 Gag PTAP Interaction. <i>Structure</i> , 2010, 18, 1536-1547.	1.6	62
95	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
96	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
97	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
98	Serine Residues in the Cytosolic Tail of the T-cell Antigen Receptor ζ -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
99	Functional characterization of protein-sorting machineries at the trans-Golgi network in <i>Drosophila melanogaster</i> . <i>Journal of Cell Science</i> , 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. <i>PLoS Pathogens</i> , 2010, 6, e1000869.	2.1	145
101	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
102	A Basic Patch on ζ -Adaptin Is Required for Binding of Human Immunodeficiency Virus Type 1 Nef and Cooperative Assembly of a CD4-Nef-AP-2 Complex. <i>Journal of Virology</i> , 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. <i>Journal of Biological Chemistry</i> , 2009, 284, 23830-23841.	1.6	37
104	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
105	Dual Roles of the Mammalian GARP Complex in Tethering and SNARE Complex Assembly at the trans-Golgi Network. <i>Molecular and Cellular Biology</i> , 2009, 29, 5251-5263.	1.1	130
106	Coatomer-dependent protein delivery to lipid droplets. <i>Journal of Cell Science</i> , 2009, 122, 1834-1841.	1.2	216
107	Sorting of lysosomal proteins. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2009, 1793, 605-614.	1.9	676
108	Subcellular Fractionation and Isolation of Organelles. <i>Current Protocols in Cell Biology</i> , 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. <i>Molecular Biology of the Cell</i> , 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. <i>Molecular and Cellular Biology</i> , 2007, 27, 1112-1124.	1.1	204
129	Direct Binding to Rsp5p Regulates Ubiquitination-independent Vacuolar Transport of Sna3p. <i>Molecular Biology of the Cell</i> , 2007, 18, 1781-1789.	0.9	30
130	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
131	Functional architecture of the retromer cargo-recognition complex. <i>Nature</i> , 2007, 449, 1063-1067.	13.7	250
132	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
133	Retrograde transport from endosomes to the trans-Golgi network. <i>Nature Reviews Molecular Cell Biology</i> , 2006, 7, 568-579.	16.1	568
134	Structural basis for ubiquitin recognition and autoubiquitination by Rabex-5. <i>Nature Structural and Molecular Biology</i> , 2006, 13, 264-271.	3.6	188
135	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
136	Imaging Intracellular Fluorescent Proteins at Nanometer Resolution. <i>Science</i> , 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. <i>Journal of Biological Chemistry</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 7910-7915.	3.3	122
139	Structural mechanism for ubiquitinated-cargo recognition by the Golgi-localized, \hat{A} -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
140	In Vitro Assays of Arf1 Interaction with GGA Proteins. <i>Methods in Enzymology</i> , 2005, 404, 316-332.	0.4	22
141	Epidermal Growth Factor-Dependent Phosphorylation of the GGA3 Adaptor Protein Regulates Its Recruitment to Membranes. <i>Molecular and Cellular Biology</i> , 2005, 25, 7988-8000.	1.1	25
142	Clathrin Adaptor AP-2 Is Essential for Early Embryonal Development. <i>Molecular and Cellular Biology</i> , 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. <i>Journal of Biological Chemistry</i> , 2005, 280, 7413-7426.	1.6	41
144	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

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145	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
146	Polycystic liver disease is a disorder of cotranslational protein processing. <i>Trends in Molecular Medicine</i> , 2005, 11, 37-42.	3.5	83
147	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
148	The Trihelical Bundle Subdomain of the GGA Proteins Interacts with Multiple Partners through Overlapping but Distinct Sites. <i>Journal of Biological Chemistry</i> , 2004, 279, 31409-31418.	1.6	33
149	Definition of the Consensus Motif Recognized by $\hat{\Gamma}^3$ -Adaptin Ear Domains. <i>Journal of Biological Chemistry</i> , 2004, 279, 8018-8028.	1.6	63
150	Interactions of GGA3 with the ubiquitin sorting machinery. <i>Nature Cell Biology</i> , 2004, 6, 244-251.	4.6	218
151	The GGA proteins: adaptors on the move. <i>Nature Reviews Molecular Cell Biology</i> , 2004, 5, 23-32.	16.1	349
152	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.	1.8	55
153	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
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