Juan S Bonifacino

List of Publications by Year in Descending Order

235 papers	36,091 citations	94 h-index	189 g-index
251 ext. papers	40,841 ext. citations	12.1 avg, IF	7.51 L-index

#	Paper	IF	Citations
235	RUFY3 and RUFY4 are ARL8 effectors that promote coupling of endolysosomes to dynein-dynactin.. *Nature Communications*, **2022**, 13, 1506	17.4	5
234	Measurement of Lysosome Positioning by Shell Analysis and Line Scan. *Methods in Molecular Biology*, **2022**, 285-306	1.4	
233	The autophagy protein ATG9A enables lipid mobilization from lipid droplets. *Nature Communications*, **2021**, 12, 6750	17.4	6
232	SNX19 restricts endolysosome motility through contacts with the endoplasmic reticulum. *Nature Communications*, **2021**, 12, 4552	17.4	9
231	□Synuclein fibrils subvert lysosome structure and function for the propagation of protein misfolding between cells through tunneling nanotubes. *PLoS Biology*, **2021**, 19, e3001287	9.7	11
230	ARL8 Relieves SKIP Autoinhibition to Enable Coupling of Lysosomes to Kinesin-1. *Current Biology*, **2021**, 31, 540-554.e5	6.3	14
229	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	3.5	7
228	RUSC2 and WDR47 oppositely regulate kinesin-1-dependent distribution of ATG9A to the cell periphery. *Molecular Biology of the Cell*, **2021**, 32, ar25	3.5	4
227	A human iPSC-derived inducible neuronal model of Niemann-Pick disease, type C1. *BMC Biology*, **2021**, 19, 218	7.3	1
226	The ubiquitin isopeptidase USP10 deubiquitinates LC3B to increase LC3B levels and autophagic activity. *Journal of Biological Chemistry*, **2021**, 296, 100405	5.4	5
225	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
224	A myosin-7B-dependent endocytosis pathway mediates cellular entry of □Synuclein fibrils and polycation-bearing cargos. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 10865-10875	11.5	12
223	The Parkinson□s Disease Protein LRRK2 Interacts with the GARP Complex to Promote Retrograde Transport to the trans-Golgi Network. *Cell Reports*, **2020**, 31, 107614	10.6	24
222	Synaptic Vesicle Precursors and Lysosomes Are Transported by Different Mechanisms in the Axon of Mammalian Neurons. *Cell Reports*, **2020**, 31, 107775	10.6	18
221	Structure of Human ATG9A, the Only Transmembrane Protein of the Core Autophagy Machinery. *Cell Reports*, **2020**, 31, 107837	10.6	45
220	The role of AP-4 in cargo export from the trans-Golgi network and hereditary spastic paraplegia. *Biochemical Society Transactions*, **2020**, 48, 1877-1888	5.1	0
219	Loss of endocytosis-associated RabGEF1 causes aberrant morphogenesis and altered autophagy in photoreceptors leading to retinal degeneration. *PLoS Genetics*, **2020**, 16, e1009259	6	4

218	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	3.5	6
217	Regulation of LC3B levels by ubiquitination and proteasomal degradation. *Autophagy*, **2020**, 16, 382-384	10.2	11
216	Lysosomes as dynamic regulators of cell and organismal homeostasis. *Nature Reviews Molecular Cell Biology*, **2020**, 21, 101-118	48.7	310
215	The structure of human ATG9A and its interplay with the lipid bilayer. *Autophagy*, **2020**, 16, 2292-2293	10.2	4
214	Loss of endocytosis-associated RabGEF1 causes aberrant morphogenesis and altered autophagy in photoreceptors leading to retinal degeneration **2020**, 16, e1009259		
213	Loss of endocytosis-associated RabGEF1 causes aberrant morphogenesis and altered autophagy in photoreceptors leading to retinal degeneration **2020**, 16, e1009259		
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210	Loss of endocytosis-associated RabGEF1 causes aberrant morphogenesis and altered autophagy in photoreceptors leading to retinal degeneration **2020**, 16, e1009259		
209	Loss of endocytosis-associated RabGEF1 causes aberrant morphogenesis and altered autophagy in photoreceptors leading to retinal degeneration **2020**, 16, e1009259		
208	Phagolysosome resolution requires contacts with the endoplasmic reticulum and phosphatidylinositol-4-phosphate signalling. *Nature Cell Biology*, **2019**, 21, 1234-1247	23.4	38
207	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	7.3	13
206	Reversible association with motor proteins (RAMP): A streptavidin-based method to manipulate organelle positioning. *PLoS Biology*, **2019**, 17, e3000279	9.7	11
205	Lysosome Positioning Influences mTORC2 and AKT Signaling. *Molecular Cell*, **2019**, 75, 26-38.e3	17.6	34
204	Coatopathies: Genetic Disorders of Protein Coats. *Annual Review of Cell and Developmental Biology*, **2019**, 35, 131-168	12.6	28
203	The autophagy protein ATG9A promotes HIV-1 infectivity. *Retrovirology*, **2019**, 16, 18	3.6	7
202	Negative regulation of autophagy by UBA6-BIRC6-mediated ubiquitination of LC3. *ELife*, **2019**, 8,	8.9	34
201	A family of PIKFYVE inhibitors with therapeutic potential against autophagy-dependent cancer cells disrupt multiple events in lysosome homeostasis. *Autophagy*, **2019**, 15, 1694-1718	10.2	43

200	A neurodevelopmental disorder caused by mutations in the VPS51 subunit of the GARP and EARP complexes. *Human Molecular Genetics*, **2019**, 28, 1548-1560	5.6	24
199	Neuronal functions of adaptor complexes involved in protein sorting. *Current Opinion in Neurobiology*, **2018**, 51, 103-110	7.6	28
198	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	6	53
197	Moving and positioning the endolysosomal system. *Current Opinion in Cell Biology*, **2017**, 47, 1-8	9	117
196	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	11.5	106
195	Segregation in the Golgi complex precedes export of endolysosomal proteins in distinct transport carriers. *Journal of Cell Biology*, **2017**, 216, 4141-4151	7.3	45
194	A Ragulator-BORC interaction controls lysosome positioning in response to amino acid availability. *Journal of Cell Biology*, **2017**, 216, 4183-4197	7.3	71
193	BORC coordinates encounter and fusion of lysosomes with autophagosomes. *Autophagy*, **2017**, 13, 1648-1663	11.1	71
192	Molecular mechanism for the subversion of the retromer coat by the effector RidL. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E11151-E11160	11.5	27
191	AP-4 mediates export of ATG9A from the -Golgi network to promote autophagosome formation. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E10697-E10706	11.5	77
190	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	11.5	54
189	Structural Mechanism for Cargo Recognition by the Retromer Complex. *Cell*, **2016**, 167, 1623-1635.e14	56.2	118
188	TSSC1 is novel component of the endosomal retrieval machinery. *Molecular Biology of the Cell*, **2016** , 27, 2867-78	3.5	22
187	Mechanisms and functions of lysosome positioning. *Journal of Cell Science*, **2016**, 129, 4329-4339	5.3	209
186	Restricted Location of PSEN2/ Secretase Determines Substrate Specificity and Generates an Intracellular A Pool. *Cell*, **2016**, 166, 193-208	56.2	181
185	Mechanisms of Polarized Organelle Distribution in Neurons. *Frontiers in Cellular Neuroscience*, **2016**, 10, 88	6.1	33
184	Polarized trafficking of the sorting receptor SorLA in neurons and MDCK cells. *FEBS Journal*, **2016**, 283, 2476-93	5.7	13
183	BORC Functions Upstream of Kinesins 1 and 3 to Coordinate Regional Movement of Lysosomes along Different Microtubule Tracks. *Cell Reports*, **2016**, 17, 1950-1961	10.6	118

182	Imaging the Polarized Sorting of Proteins from the Golgi Complex in Live Neurons. *Methods in Molecular Biology*, **2016**, 1496, 13-30	1.4	14
181	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	6	14
180	EARP is a multisubunit tethering complex involved in endocytic recycling. *Nature Cell Biology*, **2015**, 17, 639-50	23.4	70
179	BORC, a multisubunit complex that regulates lysosome positioning. *Developmental Cell*, **2015**, 33, 176-88	10.2	201
178	Association between Rare Variants in AP4E1, a Component of Intracellular Trafficking, and Persistent Stuttering. *American Journal of Human Genetics*, **2015**, 97, 715-25	11	41
177	Bivalent Motif-Ear Interactions Mediate the Association of the Accessory Protein Tepsin with the AP-4 Adaptor Complex. *Journal of Biological Chemistry*, **2015**, 290, 30736-49	5.4	20
176	Sorting of Dendritic and Axonal Vesicles at the Pre-axonal Exclusion Zone. *Cell Reports*, **2015**, 13, 1221-1232	8.6	66
175	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, 218-28	3.5	33
174	Vesicular transport earns a Nobel. *Trends in Cell Biology*, **2014**, 24, 3-5	18.3	23
173	Going forward with retromer. *Developmental Cell*, **2014**, 29, 3-4	10.2	3
172	Adaptor proteins involved in polarized sorting. *Journal of Cell Biology*, **2014**, 204, 7-17	7.3	173
171	Interaction of HIV-1 Nef protein with the host protein Alix promotes lysosomal targeting of CD4 receptor. *Journal of Biological Chemistry*, **2014**, 289, 27744-56	5.4	26
170	HIV-1 Vpu accessory protein induces caspase-mediated cleavage of IRF3 transcription factor. *Journal of Biological Chemistry*, **2014**, 289, 35102-10	5.4	21
169	Co-assembly of viral envelope glycoproteins regulates their polarized sorting in neurons. *PLoS Pathogens*, **2014**, 10, e1004107	7.6	18
168	AP-1A controls secretory granule biogenesis and trafficking of membrane secretory granule proteins. *Traffic*, **2014**, 15, 1099-121	5.7	24
167	How HIV-1 Nef hijacks the AP-2 clathrin adaptor to downregulate CD4. *ELife*, **2014**, 3, e01754	8.9	76
166	Anchors aweigh: protein localization and transport mediated by transmembrane domains. *Trends in Cell Biology*, **2013**, 23, 511-7	18.3	41
165	Cargo recognition in clathrin-mediated endocytosis. *Cold Spring Harbor Perspectives in Biology*, **2013**, 5, a016790	10.2	187

164	Structural basis for the recognition of tyrosine-based sorting signals by the μA subunit of the AP-3 adaptor complex. *Journal of Biological Chemistry*, **2013**, 288, 9563-71	5.4	27
163	The adaptor protein-1 μ1B subunit expands the repertoire of basolateral sorting signal recognition in epithelial cells. *Developmental Cell*, **2013**, 27, 353-66	10.2	52
162	Deubiquitinases sharpen substrate discrimination during membrane protein degradation from the ER. *Cell*, **2013**, 154, 609-22	56.2	56
161	Structural basis for the interaction of the Golgi-Associated Retrograde Protein Complex with the t-SNARE Syntaxin 6. *Structure*, **2013**, 21, 1698-706	5.2	20
160	Structural basis for recruitment and activation of the AP-1 clathrin adaptor complex by Arf1. *Cell*, **2013**, 152, 755-67	56.2	117
159	The clathrin adaptor complexes as a paradigm for membrane-associated allostery. *Protein Science*, **2013**, 22, 517-29	6.3	41
158	The clathrin adaptor AP-1A mediates basolateral polarity. *Developmental Cell*, **2012**, 22, 811-23	10.2	122
157	Signal-mediated, AP-1/clathrin-dependent sorting of transmembrane receptors to the somatodendritic domain of hippocampal neurons. *Neuron*, **2012**, 75, 810-23	13.9	78
156	Basolateral sorting of the coxsackie and adenovirus receptor through interaction of a canonical YXXPhi 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, 3820-5	11.5	63
155	Transmembrane domain determinants of CD4 Downregulation by HIV-1 Vpu. *Journal of Virology*, **2012**, 86, 757-72	6.6	45
154	Assembly and architecture of biogenesis of lysosome-related organelles complex-1 (BLOC-1). *Journal of Biological Chemistry*, **2012**, 287, 5882-90	5.4	41
153	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, 3178-92	3.5	50
152	Adaptor protein 2-mediated endocytosis of the βsecretase BACE1 is dispensable for amyloid precursor protein processing. *Molecular Biology of the Cell*, **2012**, 23, 2339-51	3.5	54
151	Lysosomal protein trafficking in Giardia lamblia: common and distinct features. *Frontiers in Bioscience - Elite*, **2012**, 4, 1898-909	1.6	8
150	Transport according to GARP: receiving retrograde cargo at the trans-Golgi network. *Trends in Cell Biology*, **2011**, 21, 159-67	18.3	107
149	Conservation and diversification of dileucine signal recognition by adaptor protein (AP) complex variants. *Journal of Biological Chemistry*, **2011**, 286, 2022-30	5.4	75
148	Ang2/fat-free is a conserved subunit of the Golgi-associated retrograde protein complex. *Molecular Biology of the Cell*, **2010**, 21, 3386-95	3.5	69
147	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, 12860-5	11.5	58

146	Assembly of the biogenesis of lysosome-related organelles complex-3 (BLOC-3) and its interaction with Rab9. *Journal of Biological Chemistry*, **2010**, 285, 7794-804	5.4	80
145	Serine residues in the cytosolic tail of the T-cell antigen receptor alpha-chain mediate ubiquitination and endoplasmic reticulum-associated degradation of the unassembled protein. *Journal of Biological Chemistry*, **2010**, 285, 23916-24	5.4	69
144	Functional characterization of protein-sorting machineries at the trans-Golgi network in Drosophila melanogaster. *Journal of Cell Science*, **2010**, 123, 460-71	5.3	28
143	Multilayered mechanism of CD4 downregulation by HIV-1 Vpu involving distinct ER retention and ERAD targeting steps. *PLoS Pathogens*, **2010**, 6, e1000869	7.6	120
142	Sorting of the Alzheimer's disease amyloid precursor protein mediated by the AP-4 complex. *Developmental Cell*, **2010**, 18, 425-36	10.2	190
141	Disruption of the murine Ap2α1 gene causes nonsyndromic cleft palate. *Cleft Palate-Craniofacial Journal*, **2010**, 47, 566-73	1.9	18
140	Crystallographic and functional analysis of the ESCRT-I /HIV-1 Gag PTAP interaction. *Structure*, **2010** , 18, 1536-47	5.2	50
139	A basic patch on alpha-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, 2518-30	6.6	45
138	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, 23830-41	5.4	31
137	Human immunodeficiency virus type 1 Nef protein targets CD4 to the multivesicular body pathway. *Journal of Virology*, **2009**, 83, 6578-90	6.6	53
136	Dual roles of the mammalian GARP complex in tethering and SNARE complex assembly at the trans-golgi network. *Molecular and Cellular Biology*, **2009**, 29, 5251-63	4.8	111
135	Coatomer-dependent protein delivery to lipid droplets. *Journal of Cell Science*, **2009**, 122, 1834-41	5.3	182
134	Sorting of lysosomal proteins. *Biochimica Et Biophysica Acta - Molecular Cell Research*, **2009**, 1793, 605-14	4.9	550
133	The AP-4 Complex Mediates Sorting and Processing of the Alzheimer's Disease Amyloid Precursor Protein. *FASEB Journal*, **2009**, 23, 205.3	0.9	
132	Ubiquitin binding and conjugation regulate the recruitment of Rabex-5 to early endosomes. *EMBO Journal*, **2008**, 27, 2484-94	13	62
131	Retromer. *Current Opinion in Cell Biology*, **2008**, 20, 427-36	9	369
130	GGA and Arf proteins modulate retrovirus assembly and release. *Molecular Cell*, **2008**, 30, 227-38	17.6	50
129	Regulation of retromer recruitment to endosomes by sequential action of Rab5 and Rab7. *Journal of Cell Biology*, **2008**, 183, 513-26	7.3	328

128	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, 7758-67	6.6	15
127	A diacidic motif in human immunodeficiency virus type 1 Nef is a novel determinant of binding to AP-2. *Journal of Virology*, **2008**, 82, 1166-74	6.6	79
126	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, 2350-62	3.5	124
125	CD1a and MHC class I follow a similar endocytic recycling pathway. *Traffic*, **2008**, 9, 1446-57	5.7	57
124	Protein transport from the trans-Golgi network to endosomes **2008**, 388-401		1
123	Functional architecture of the retromer cargo-recognition complex. *Nature*, **2007**, 449, 1063-7	50.4	215
122	Mechanisms of CD4 downregulation by the Nef and Vpu proteins of primate immunodeficiency viruses. *Current Molecular Medicine*, **2007**, 7, 171-84	2.5	80
121	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, 2646-55	3.5	130
120	The retromer complex and clathrin define an early endosomal retrograde exit site. *Journal of Cell Science*, **2007**, 120, 2022-31	5.3	137
119	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, 3877-90	6.6	160
118	Canonical interaction of cyclin G associated kinase with adaptor protein 1 regulates lysosomal enzyme sorting. *Molecular Biology of the Cell*, **2007**, 18, 2991-3001	3.5	58
117	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, 3486-501	3.5	43
116	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, 1112-24	4.8	173
115	Direct binding to Rsp5p regulates ubiquitination-independent vacuolar transport of Sna3p. *Molecular Biology of the Cell*, **2007**, 18, 1781-9	3.5	28
114	The Vps27/Hse1 complex is a GAT domain-based scaffold for ubiquitin-dependent sorting. *Developmental Cell*, **2007**, 12, 973-86	10.2	60
113	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, 6874-83	5.4	91
112	Ultrastructure of long-range transport carriers moving from the trans Golgi network to peripheral endosomes. *Traffic*, **2006**, 7, 1092-103	5.7	57
111	Retrograde transport from endosomes to the trans-Golgi network. *Nature Reviews Molecular Cell Biology*, **2006**, 7, 568-79	48.7	493

110	Structural basis for ubiquitin recognition and autoubiquitination by Rabex-5. *Nature Structural and Molecular Biology*, **2006**, 13, 264-71	17.6	175
109	The retromer subunit Vps26 has an arrestin fold and binds Vps35 through its C-terminal domain. *Nature Structural and Molecular Biology*, **2006**, 13, 540-8	17.6	137
108	Imaging intracellular fluorescent proteins at nanometer resolution. *Science*, **2006**, 313, 1642-5	33.3	5929
107	Polycystic liver disease is a disorder of cotranslational protein processing. *Trends in Molecular Medicine*, **2005**, 11, 37-42	11.5	76
106	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, 7910-5	11.5	98
105	Structural mechanism for ubiquitinated-cargo recognition by the Golgi-localized, gamma-ear-containing, ADP-ribosylation-factor-binding proteins. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 2334-9	11.5	56
104	In vitro assays of Arf1 interaction with GGA proteins. *Methods in Enzymology*, **2005**, 404, 316-32	1.7	19
103	Epidermal growth factor-dependent phosphorylation of the GGA3 adaptor protein regulates its recruitment to membranes. *Molecular and Cellular Biology*, **2005**, 25, 7988-8000	4.8	25
102	Clathrin adaptor AP-2 is essential for early embryonal development. *Molecular and Cellular Biology*, **2005**, 25, 9318-23	4.8	104
101	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, 7413-26	5.4	39
100	Functions of adaptor protein (AP)-3 and AP-1 in tyrosinase sorting from endosomes to melanosomes. *Molecular Biology of the Cell*, **2005**, 16, 5356-72	3.5	191
99	Role of the endocytic machinery in the sorting of lysosome-associated membrane proteins. *Molecular Biology of the Cell*, **2005**, 16, 4231-42	3.5	173
98	Role of the mammalian retromer in sorting of the cation-independent mannose 6-phosphate receptor. *Journal of Cell Biology*, **2004**, 165, 123-33	7.3	474
97	The trihelical bundle subdomain of the GGA proteins interacts with multiple partners through overlapping but distinct sites. *Journal of Biological Chemistry*, **2004**, 279, 31409-18	5.4	30
96	Definition of the consensus motif recognized by gamma-adaptin ear domains. *Journal of Biological Chemistry*, **2004**, 279, 8018-28	5.4	53
95	Interactions of GGA3 with the ubiquitin sorting machinery. *Nature Cell Biology*, **2004**, 6, 244-51	23.4	196
94	The GGA proteins: adaptors on the move. *Nature Reviews Molecular Cell Biology*, **2004**, 5, 23-32	48.7	313
93	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, 103-14	6.5	51

92	Molecular characterization of hepatocystin, the protein that is defective in autosomal dominant polycystic liver disease. *Gastroenterology*, **2004**, 126, 1819-27	13.3	52
91	An ear-core interaction regulates the recruitment of the AP-3 complex to membranes. *Developmental Cell*, **2004**, 7, 619-25	10.2	15
90	The mechanisms of vesicle budding and fusion. *Cell*, **2004**, 116, 153-66	56.2	1372
89	Reduced pigmentation (rp), a mouse model of Hermansky-Pudlak syndrome, encodes a novel component of the BLOC-1 complex. *Blood*, **2004**, 104, 3181-9	2.2	43
88	Adaptor and clathrin exchange at the plasma membrane and trans-Golgi network. *Molecular Biology of the Cell*, **2003**, 14, 516-28	3.5	78
87	BLOC-3, a protein complex containing the Hermansky-Pudlak syndrome gene products HPS1 and HPS4. *Journal of Biological Chemistry*, **2003**, 278, 29376-84	5.4	101
86	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, 4402-7	2.2	70
85	Divalent interaction of the GGAs with the Rabaptin-5-Rabex-5 complex. *EMBO Journal*, **2003**, 22, 78-88	13	123
84	Recognition of accessory protein motifs by the gamma-adaptin ear domain of GGA3. *Nature Structural and Molecular Biology*, **2003**, 10, 599-606	17.6	48
83	Germline mutations in PRKCSH are associated with autosomal dominant polycystic liver disease. *Nature Genetics*, **2003**, 33, 345-7	36.3	183
82	Coat proteins: shaping membrane transport. *Nature Reviews Molecular Cell Biology*, **2003**, 4, 409-14	48.7	308
81	Signals for sorting of transmembrane proteins to endosomes and lysosomes. *Annual Review of Biochemistry*, **2003**, 72, 395-447	29.1	1649
80	Endosome-specific localization and function of the ARF activator GNOM. *Cell*, **2003**, 112, 141-2	56.2	22
79	Specific regulation of the adaptor protein complex AP-3 by the Arf GAP AGAP1. *Developmental Cell*, **2003**, 5, 513-21	10.2	70
78	Morphology and dynamics of clathrin/GGA1-coated carriers budding from the trans-Golgi network. *Molecular Biology of the Cell*, **2003**, 14, 1545-57	3.5	107
77	Recognition of dileucine-based sorting signals from HIV-1 Nef and LIMP-II by the AP-1 gamma-sigma1 and AP-3 delta-sigma3 hemicomplexes. *Journal of Cell Biology*, **2003**, 163, 1281-90	7.3	190
76	The contribution of VHL substrate binding and HIF1-alpha to the phenotype of VHL loss in renal cell carcinoma. *Cancer Cell*, **2002**, 1, 247-55	24.3	388
75	Pallidin is a component of a multi-protein complex involved in the biogenesis of lysosome-related organelles. *Traffic*, **2002**, 3, 666-77	5.7	62

74	Structural basis for acidic-cluster-dileucine sorting-signal recognition by VHS domains. *Nature*, **2002**, 415, 933-7	50.4	155
73	Phosphoregulation of sorting signal-VHS domain interactions by a direct electrostatic mechanism. *Nature Structural Biology*, **2002**, 9, 532-6		40
72	A tubular EHD1-containing compartment involved in the recycling of major histocompatibility complex class I molecules to the plasma membrane. *EMBO Journal*, **2002**, 21, 2557-67	13	241
71	Enthoprotin: a novel clathrin-associated protein identified through subcellular proteomics. *Journal of Cell Biology*, **2002**, 158, 855-62	7.3	173
70	Genomic screen for vacuolar protein sorting genes in Saccharomyces cerevisiae. *Molecular Biology of the Cell*, **2002**, 13, 2486-501	3.5	271
69	Failure of trafficking and antigen presentation by CD1 in AP-3-deficient cells. *Immunity*, **2002**, 16, 697-706	12.3	150
68	Quality control of receptor-kinase signaling complexes. *Developmental Cell*, **2002**, 2, 1-2	10.2	14
67	Genetic analyses of adaptin function from yeast to mammals. *Gene*, **2002**, 286, 175-86	3.8	122
66	The Hermansky-Pudlak syndrome 1 (HPS1) and HPS2 genes independently contribute to the production and function of platelet dense granules, melanosomes, and lysosomes. *Blood*, **2002**, 99, 1651-1658	2.2	57
65	Immunoprecipitation. *Current Protocols in Cell Biology*, **2001**, Chapter 7, Unit 7.2	2.3	12
64	The molecular machinery for lysosome biogenesis. *BioEssays*, **2001**, 23, 333-43	4.1	174
63	Adaptor-related proteins. *Current Opinion in Cell Biology*, **2001**, 13, 444-53	9	437
62	Structural requirements for function of yeast GGAs in vacuolar protein sorting, alpha-factor maturation, and interactions with clathrin. *Molecular and Cellular Biology*, **2001**, 21, 7981-94	4.8	54
61	Human Vam6p promotes lysosome clustering and fusion in vivo. *Journal of Cell Biology*, **2001**, 154, 109-22	7.3	124
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2	Mutations in Auxilin cause parkinsonism via impaired clathrin-mediated trafficking at the Golgi apparatus and synapse	3
1	Defective endosome-TGN retrograde transport promotes NLRP3 inflammasome activation	1