

graca Raposo

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210
papers

51,007
citations

95
h-index

225
g-index

227
ext. papers

59,795
ext. citations

10.7
avg, IF

8.05
L-index

#	Paper	IF	Citations
210	Extracellular vesicles: exosomes, microvesicles, and friends. <i>Journal of Cell Biology</i> , 2013 , 200, 373-83	7.3	4759
209	Biogenesis, secretion, and intercellular interactions of exosomes and other extracellular vesicles. <i>Annual Review of Cell and Developmental Biology</i> , 2014 , 30, 255-89	12.6	3261
208	Isolation and characterization of exosomes from cell culture supernatants and biological fluids. <i>Current Protocols in Cell Biology</i> , 2006 , Chapter 3, Unit 3.22	2.3	3083
207	Shedding light on the cell biology of extracellular vesicles. <i>Nature Reviews Molecular Cell Biology</i> , 2018 , 19, 213-228	48.7	2729
206	Exosomes--vesicular carriers for intercellular communication. <i>Current Opinion in Cell Biology</i> , 2009 , 21, 575-81	9	1607
205	Eradication of established murine tumors using a novel cell-free vaccine: dendritic cell-derived exosomes. <i>Nature Medicine</i> , 1998 , 4, 594-600	50.5	1594
204	Rab27a and Rab27b control different steps of the exosome secretion pathway. <i>Nature Cell Biology</i> , 2010 , 12, 19-30; sup pp 1-13	23.4	1505
203	Proteomic analysis of dendritic cell-derived exosomes: a secreted subcellular compartment distinct from apoptotic vesicles. <i>Journal of Immunology</i> , 2001 , 166, 7309-18	5.3	1175
202	Tumor-derived exosomes are a source of shared tumor rejection antigens for CTL cross-priming. <i>Nature Medicine</i> , 2001 , 7, 297-303	50.5	1145
201	Exosomal-like vesicles are present in human blood plasma. <i>International Immunology</i> , 2005 , 17, 879-87	4.9	930
200	Molecular characterization of dendritic cell-derived exosomes. Selective accumulation of the heat shock protein hsc73. <i>Journal of Cell Biology</i> , 1999 , 147, 599-610	7.3	826
199	Exosomes: endosomal-derived vesicles shipping extracellular messages. <i>Current Opinion in Cell Biology</i> , 2004 , 16, 415-21	9	806
198	Vesiclepedia: a compendium for extracellular vesicles with continuous community annotation. <i>PLoS Biology</i> , 2012 , 10, e1001450	9.7	800
197	Analysis of ESCRT functions in exosome biogenesis, composition and secretion highlights the heterogeneity of extracellular vesicles. <i>Journal of Cell Science</i> , 2013 , 126, 5553-65	5.3	788
196	Cells release prions in association with exosomes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 9683-8	11.5	774
195	Munc13-4 is essential for cytolytic granules fusion and is mutated in a form of familial hemophagocytic lymphohistiocytosis (FHL3). <i>Cell</i> , 2003 , 115, 461-73	56.2	729
194	Malignant effusions and immunogenic tumour-derived exosomes. <i>Lancet, The</i> , 2002 , 360, 295-305	40	722

193	Exosome secretion: molecular mechanisms and roles in immune responses. <i>Traffic</i> , 2011 , 12, 1659-68	5.7	713
192	Exosomes: a common pathway for a specialized function. <i>Journal of Biochemistry</i> , 2006 , 140, 13-21	3.1	649
191	NOX2 controls phagosomal pH to regulate antigen processing during crosspresentation by dendritic cells. <i>Cell</i> , 2006 , 126, 205-18	56.2	633
190	The biogenesis and functions of exosomes. <i>Traffic</i> , 2002 , 3, 321-30	5.7	603
189	As we wait: coping with an imperfect nomenclature for extracellular vesicles. <i>Journal of Extracellular Vesicles</i> , 2013 , 2,	16.4	581
188	Cells respond to mechanical stress by rapid disassembly of caveolae. <i>Cell</i> , 2011 , 144, 402-13	56.2	575
187	Intestinal epithelial cells secrete exosome-like vesicles. <i>Gastroenterology</i> , 2001 , 121, 337-49	13.3	528
186	ARF6-regulated shedding of tumor cell-derived plasma membrane microvesicles. <i>Current Biology</i> , 2009 , 19, 1875-85	6.3	508
185	TCR activation of human T cells induces the production of exosomes bearing the TCR/CD3/zeta complex. <i>Journal of Immunology</i> , 2002 , 168, 3235-41	5.3	501
184	The tetraspanin CD63 regulates ESCRT-independent and -dependent endosomal sorting during melanogenesis. <i>Developmental Cell</i> , 2011 , 21, 708-21	10.2	495
183	Lipid raft-associated protein sorting in exosomes. <i>Blood</i> , 2003 , 102, 4336-44	2.2	486
182	Shiga toxin induces tubular membrane invaginations for its uptake into cells. <i>Nature</i> , 2007 , 450, 670-5	50.4	443
181	BLOC-1 Brings Together the Actin and Microtubule Cytoskeletons to Generate Recycling Endosomes. <i>Current Biology</i> , 2016 , 26, 1-13	6.3	421
180	ICAM-1 on exosomes from mature dendritic cells is critical for efficient naive T-cell priming. <i>Blood</i> , 2005 , 106, 216-23	2.2	399
179	Diverse subpopulations of vesicles secreted by different intracellular mechanisms are present in exosome preparations obtained by differential ultracentrifugation. <i>Journal of Extracellular Vesicles</i> , 2012 , 1,	16.4	360
178	Exosomes as potent cell-free peptide-based vaccine. I. Dendritic cell-derived exosomes transfer functional MHC class I/peptide complexes to dendritic cells. <i>Journal of Immunology</i> , 2004 , 172, 2126-36	5.3	357
177	Distinct protein sorting and localization to premelanosomes, melanosomes, and lysosomes in pigmented melanocytic cells. <i>Journal of Cell Biology</i> , 2001 , 152, 809-24	7.3	352
176	Melanosomes--dark organelles enlighten endosomal membrane transport. <i>Nature Reviews Molecular Cell Biology</i> , 2007 , 8, 786-97	48.7	349

175	Accumulation of major histocompatibility complex class II molecules in mast cell secretory granules and their release upon degranulation. <i>Molecular Biology of the Cell</i> , 1997 , 8, 2631-45	3.5	347
174	A novel dendritic cell subset involved in tumor immunosurveillance. <i>Nature Medicine</i> , 2006 , 12, 214-9	50.5	340
173	Regulation of retromer recruitment to endosomes by sequential action of Rab5 and Rab7. <i>Journal of Cell Biology</i> , 2008 , 183, 513-26	7.3	328
172	Extracellular vesicles shuffling intercellular messages: for good or for bad. <i>Current Opinion in Cell Biology</i> , 2015 , 35, 69-77	9	318
171	Evidence-Based Clinical Use of Nanoscale Extracellular Vesicles in Nanomedicine. <i>ACS Nano</i> , 2016 , 10, 3886-99	16.7	304
170	MHC II in dendritic cells is targeted to lysosomes or T cell-induced exosomes via distinct multivesicular body pathways. <i>Traffic</i> , 2009 , 10, 1528-42	5.7	284
169	Synchronization of secretory protein traffic in populations of cells. <i>Nature Methods</i> , 2012 , 9, 493-8	21.6	283
168	A novel tetanus neurotoxin-insensitive vesicle-associated membrane protein in SNARE complexes of the apical plasma membrane of epithelial cells. <i>Molecular Biology of the Cell</i> , 1998 , 9, 1437-48	3.5	262
167	Human macrophages accumulate HIV-1 particles in MHC II compartments. <i>Traffic</i> , 2002 , 3, 718-29	5.7	249
166	Pmel17 initiates premelanosome morphogenesis within multivesicular bodies. <i>Molecular Biology of the Cell</i> , 2001 , 12, 3451-64	3.5	249
165	Regulation of dendritic cell migration by CD74, the MHC class II-associated invariant chain. <i>Science</i> , 2008 , 322, 1705-10	33.3	224
164	Proprotein convertase cleavage liberates a fibrillogenic fragment of a resident glycoprotein to initiate melanosome biogenesis. <i>Journal of Cell Biology</i> , 2003 , 161, 521-33	7.3	224
163	Inhibition of retrograde transport protects mice from lethal ricin challenge. <i>Cell</i> , 2010 , 141, 231-42	56.2	218
162	Secretory cytotoxic granule maturation and exocytosis require the effector protein hMunc13-4. <i>Nature Immunology</i> , 2007 , 8, 257-67	19.1	217
161	A luminal domain-dependent pathway for sorting to intraluminal vesicles of multivesicular endosomes involved in organelle morphogenesis. <i>Developmental Cell</i> , 2006 , 10, 343-54	10.2	216
160	Rab38 and Rab32 control post-Golgi trafficking of melanogenic enzymes. <i>Journal of Cell Biology</i> , 2006 , 175, 271-81	7.3	212
159	The complex ultrastructure of the endolysosomal system. <i>Cold Spring Harbor Perspectives in Biology</i> , 2014 , 6, a016857	10.2	201
158	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, 5356-72	3.5	191

157	Exosomes bearing HLA-DR1 molecules need dendritic cells to efficiently stimulate specific T cells. <i>International Immunology</i> , 2002 , 14, 713-22	4.9	191
156	Lysosome-related organelles: unusual compartments become mainstream. <i>Current Opinion in Cell Biology</i> , 2013 , 25, 495-505	9	189
155	Cell-specific ATP7A transport sustains copper-dependent tyrosinase activity in melanosomes. <i>Nature</i> , 2008 , 454, 1142-6	50.4	187
154	Rab27a regulates phagosomal pH and NADPH oxidase recruitment to dendritic cell phagosomes. <i>Nature Cell Biology</i> , 2007 , 9, 367-78	23.4	185
153	T84-intestinal epithelial exosomes bear MHC class II/peptide complexes potentiating antigen presentation by dendritic cells. <i>Gastroenterology</i> , 2007 , 132, 1866-76	13.3	178
152	Lysosome-related organelles: driving post-Golgi compartments into specialisation. <i>Current Opinion in Cell Biology</i> , 2007 , 19, 394-401	9	175
151	The Silver locus product Pmel17/gp100/Silv/ME20: controversial in name and in function. <i>Pigment Cell & Melanoma Research</i> , 2005 , 18, 322-36		175
150	BLOC-1 interacts with BLOC-2 and the AP-3 complex to facilitate protein trafficking on endosomes. <i>Molecular Biology of the Cell</i> , 2006 , 17, 4027-38	3.5	170
149	BLOC-1 is required for cargo-specific sorting from vacuolar early endosomes toward lysosome-related organelles. <i>Molecular Biology of the Cell</i> , 2007 , 18, 768-80	3.5	168
148	ARF6 controls post-endocytic recycling through its downstream exocyst complex effector. <i>Journal of Cell Biology</i> , 2003 , 163, 1111-21	7.3	167
147	Emerging roles of extracellular vesicles in the nervous system. <i>Journal of Neuroscience</i> , 2014 , 34, 15482-8	8.6	166
146	A dual mechanism controlling the localization and function of exocytic v-SNAREs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 9011-6	11.5	166
145	Multifocal structure of the T cell - dendritic cell synapse. <i>European Journal of Immunology</i> , 2005 , 35, 1741-53	16.53	165
144	ADP ribosylation factor 6 is activated and controls membrane delivery during phagocytosis in macrophages. <i>Journal of Cell Biology</i> , 2003 , 161, 1143-50	7.3	155
143	eC-CLEM: flexible multidimensional registration software for correlative microscopies. <i>Nature Methods</i> , 2017 , 14, 102-103	21.6	152
142	Dendritic cells regulate exposure of MHC class II at their plasma membrane by oligoubiquitination. <i>Immunity</i> , 2006 , 25, 885-94	32.3	152
141	TI-VAMP/VAMP7 is required for optimal phagocytosis of opsonised particles in macrophages. <i>EMBO Journal</i> , 2004 , 23, 4166-76	13	151
140	Extracellular vesicles: a new communication paradigm?. <i>Nature Reviews Molecular Cell Biology</i> , 2019 , 20, 509-510	48.7	150

139	Diaphanous-related formins are required for invadopodia formation and invasion of breast tumor cells. <i>Cancer Research</i> , 2009 , 69, 2792-800	10.1	145
138	ARF6 Interacts with JIP4 to control a motor switch mechanism regulating endosome traffic in cytokinesis. <i>Current Biology</i> , 2009 , 19, 184-95	6.3	141
137	Birbeck granules are subdomains of endosomal recycling compartment in human epidermal Langerhans cells, which form where Langerin accumulates. <i>Molecular Biology of the Cell</i> , 2002 , 13, 317-35	3.5	141
136	Rab27A and its effector MyRIP link secretory granules to F-actin and control their motion towards release sites. <i>Journal of Cell Biology</i> , 2003 , 163, 559-70	7.3	138
135	The retromer complex and clathrin define an early endosomal retrograde exit site. <i>Journal of Cell Science</i> , 2007 , 120, 2022-31	5.3	137
134	Live Tracking of Inter-organ Communication by Endogenous Exosomes In Vivo. <i>Developmental Cell</i> , 2019 , 48, 573-589.e4	10.2	136
133	Endosomes, exosomes and Trojan viruses. <i>Trends in Microbiology</i> , 2004 , 12, 310-6	12.4	135
132	Extracellular Vesicles: Exosomes and Microvesicles, Integrators of Homeostasis. <i>Physiology</i> , 2019 , 34, 169-177	9.8	132
131	Antigen-dependent and -independent Ca ²⁺ responses triggered in T cells by dendritic cells compared with B cells. <i>Journal of Experimental Medicine</i> , 1998 , 188, 1473-84	16.6	131
130	AP-1 and KIF13A coordinate endosomal sorting and positioning during melanosome biogenesis. <i>Journal of Cell Biology</i> , 2009 , 187, 247-64	7.3	125
129	Quantifying exosome secretion from single cells reveals a modulatory role for GPCR signaling. <i>Journal of Cell Biology</i> , 2018 , 217, 1129-1142	7.3	124
128	Drosophila S2 cells secrete wingless on exosome-like vesicles but the wingless gradient forms independently of exosomes. <i>Traffic</i> , 2013 , 14, 82-96	5.7	121
127	The dark side of lysosome-related organelles: specialization of the endocytic pathway for melanosome biogenesis. <i>Traffic</i> , 2002 , 3, 237-48	5.7	120
126	Deficient peptide loading and MHC class II endosomal sorting in a human genetic immunodeficiency disease: the Chediak-Higashi syndrome. <i>Journal of Cell Biology</i> , 1998 , 141, 1121-34	7.3	120
125	BACE2 processes PMEL to form the melanosome amyloid matrix in pigment cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 10658-63	11.5	116
124	Mouse neuroblastoma cells release prion infectivity associated with exosomal vesicles. <i>Biology of the Cell</i> , 2008 , 100, 603-15	3.5	113
123	Exosomes released by keratinocytes modulate melanocyte pigmentation. <i>Nature Communications</i> , 2015 , 6, 7506	17.4	112
122	Electron tomography of early melanosomes: implications for melanogenesis and the generation of fibrillar amyloid sheets. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 19726-31	11.5	112

121	Regulated delivery of molecular cargo to invasive tumour-derived microvesicles. <i>Nature Communications</i> , 2015 , 6, 6919	17.4	111
120	Dynamics of major histocompatibility complex class II compartments during B cell receptor-mediated cell activation. <i>Journal of Experimental Medicine</i> , 2002 , 195, 461-72	16.6	102
119	The actin-based motor protein myosin II regulates MHC class II trafficking and BCR-driven antigen presentation. <i>Journal of Cell Biology</i> , 2007 , 176, 1007-19	7.3	100
118	Retrovirus infection strongly enhances scrapie infectivity release in cell culture. <i>EMBO Journal</i> , 2006 , 25, 2674-85	13	100
117	Association of myosin I alpha with endosomes and lysosomes in mammalian cells. <i>Molecular Biology of the Cell</i> , 1999 , 10, 1477-94	3.5	99
116	PMEL: a pigment cell-specific model for functional amyloid formation. <i>Pigment Cell and Melanoma Research</i> , 2013 , 26, 300-15	4.5	96
115	Mitochondria and melanosomes establish physical contacts modulated by Mfn2 and involved in organelle biogenesis. <i>Current Biology</i> , 2014 , 24, 393-403	6.3	95
114	Recycling endosome tubule morphogenesis from sorting endosomes requires the kinesin motor KIF13A. <i>Cell Reports</i> , 2014 , 6, 445-54	10.6	95
113	Subcellular localization of tetanus neurotoxin-insensitive vesicle-associated membrane protein (VAMP)/VAMP7 in neuronal cells: evidence for a novel membrane compartment. <i>Journal of Neuroscience</i> , 1999 , 19, 9803-12	6.6	93
112	Inhibition of nuclear import and cell-cycle progression by mutated forms of the dynamin-like GTPase MxB. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8957-62	11.5	91
111	Membrane trafficking. Nucleoside diphosphate kinases fuel dynamin superfamily proteins with GTP for membrane remodeling. <i>Science</i> , 2014 , 344, 1510-5	33.3	89
110	Analysis of articulation between clathrin and retromer in retrograde sorting on early endosomes. <i>Traffic</i> , 2009 , 10, 1868-80	5.7	89
109	Myosin IIb promotes the formation of post-Golgi carriers by regulating actin assembly and membrane remodelling at the trans-Golgi network. <i>Nature Cell Biology</i> , 2011 , 13, 779-89	23.4	86
108	Exosomes: a bubble ride for prions?. <i>Traffic</i> , 2005 , 6, 10-7	5.7	85
107	II chain controls the transport of major histocompatibility complex class II molecules to and from lysosomes. <i>Journal of Cell Biology</i> , 1997 , 137, 51-65	7.3	83
106	Rab27b regulates mast cell granule dynamics and secretion. <i>Traffic</i> , 2007 , 8, 883-92	5.7	83
105	Identification and characterization of multiple novel Rab-myosin Va interactions. <i>Molecular Biology of the Cell</i> , 2013 , 24, 3420-34	3.5	80
104	Protein complexes containing CYFIP/Sra/PIR121 coordinate Arf1 and Rac1 signalling during clathrin-AP-1-coated carrier biogenesis at the TGN. <i>Nature Cell Biology</i> , 2010 , 12, 330-40	23.4	79

103	N-terminal domains elicit formation of functional Pmel17 amyloid fibrils. <i>Journal of Biological Chemistry</i> , 2009 , 284, 35543-55	5.4	79
102	Vertebrate Hedgehog is secreted on two types of extracellular vesicles with different signaling properties. <i>Scientific Reports</i> , 2014 , 4, 7357	4.9	78
101	Loss of AP-3 function affects spontaneous and evoked release at hippocampal mossy fiber synapses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 16562-7	11.5	78
100	Apolipoprotein E Regulates Amyloid Formation within Endosomes of Pigment Cells. <i>Cell Reports</i> , 2015 , 13, 43-51	10.6	77
99	Dual loss of ER export and endocytic signals with altered melanosome morphology in the silver mutation of Pmel17. <i>Molecular Biology of the Cell</i> , 2006 , 17, 3598-612	3.5	77
98	Inactivation of Pmel alters melanosome shape but has only a subtle effect on visible pigmentation. <i>PLoS Genetics</i> , 2011 , 7, e1002285	6	76
97	PML-Regulated Mitochondrial Metabolism Enhances Chemosensitivity in Human Ovarian Cancers. <i>Cell Metabolism</i> , 2019 , 29, 156-173.e10	24.6	75
96	LDL cholesterol recycles to the plasma membrane via a Rab8a-Myosin5b-actin-dependent membrane transport route. <i>Developmental Cell</i> , 2013 , 27, 249-62	10.2	73
95	Prions and exosomes: from PrPc trafficking to PrPsc propagation. <i>Blood Cells, Molecules, and Diseases</i> , 2005 , 35, 143-8	2.1	73
94	Ang2/fat-free is a conserved subunit of the Golgi-associated retrograde protein complex. <i>Molecular Biology of the Cell</i> , 2010 , 21, 3386-95	3.5	69
93	Rab6-interacting protein 1 links Rab6 and Rab11 function. <i>Traffic</i> , 2007 , 8, 1385-403	5.7	69
92	Myosin Ib modulates the morphology and the protein transport within multi-vesicular sorting endosomes. <i>Journal of Cell Science</i> , 2005 , 118, 4823-32	5.3	69
91	Human immunodeficiency virus-1 Nef expression induces intracellular accumulation of multivesicular bodies and major histocompatibility complex class II complexes: potential role of phosphatidylinositol 3-kinase. <i>Molecular Biology of the Cell</i> , 2003 , 14, 4857-70	3.5	66
90	Control of MT1-MMP transport by atypical PKC during breast-cancer progression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E1872-9	11.5	63
89	Involvement of caspase-cleaved and intact adaptor protein 1 complex in endosomal remodeling in maturing dendritic cells. <i>Nature Immunology</i> , 2005 , 6, 1020-8	19.1	63
88	Expression of the Longin domain of TI-VAMP impairs lysosomal secretion and epithelial cell migration. <i>Biology of the Cell</i> , 2007 , 99, 261-71	3.5	59
87	Premelanosome amyloid-like fibrils are composed of only golgi-processed forms of Pmel17 that have been proteolytically processed in endosomes. <i>Journal of Biological Chemistry</i> , 2008 , 283, 2307-22	5.4	58
86	The ocular albinism type 1 (OA1) G-protein-coupled receptor functions with MART-1 at early stages of melanogenesis to control melanosome identity and composition. <i>Human Molecular Genetics</i> , 2009 , 18, 4530-45	5.6	56

85	PIKfyve activity regulates reformation of terminal storage lysosomes from endolysosomes. <i>Traffic</i> , 2017 , 18, 747-757	5.7	52
84	Exosomes and extracellular vesicles: the path forward. <i>Essays in Biochemistry</i> , 2018 , 62, 119-124	7.6	51
83	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, 3178-92	3.5	50
82	Lysosome-related organelles: a view from immunity and pigmentation. <i>Cell Structure and Function</i> , 2002 , 27, 443-56	2.2	46
81	First identification of Ewing@ sarcoma-derived extracellular vesicles and exploration of their biological and potential diagnostic implications. <i>Biology of the Cell</i> , 2013 , 105, 289-303	3.5	45
80	LYST controls the biogenesis of the endosomal compartment required for secretory lysosome function. <i>Traffic</i> , 2015 , 16, 191-203	5.7	45
79	Metastasis suppressor tetraspanin CD82/KAI1 regulates ubiquitylation of epidermal growth factor receptor. <i>Journal of Biological Chemistry</i> , 2013 , 288, 26323-26334	5.4	45
78	Characterization of MHC Class II Compartments by Immunoelectron Microscopy. <i>Methods</i> , 1996 , 10, 191-207	4.7	45
77	BLOC-2 targets recycling endosomal tubules to melanosomes for cargo delivery. <i>Journal of Cell Biology</i> , 2015 , 209, 563-77	7.3	44
76	Early endosomes are required for major histocompatibility complex class II transport to peptide-loading compartments. <i>Molecular Biology of the Cell</i> , 1999 , 10, 2891-904	3.5	44
75	BLOC-1 and BLOC-3 regulate VAMP7 cycling to and from melanosomes via distinct tubular transport carriers. <i>Journal of Cell Biology</i> , 2016 , 214, 293-308	7.3	44
74	Lysosome-related organelles as functional adaptations of the endolysosomal system. <i>Current Opinion in Cell Biology</i> , 2019 , 59, 147-158	9	43
73	Identification of target actin content and polymerization status as a mechanism of tumor resistance after cytolytic T lymphocyte pressure. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 1428-33	11.5	43
72	AP-1 and ARF1 control endosomal dynamics at sites of FcR mediated phagocytosis. <i>Molecular Biology of the Cell</i> , 2007 , 18, 4921-31	3.5	43
71	SLC35D3 delivery from megakaryocyte early endosomes is required for platelet dense granule biogenesis and is differentially defective in Hermansky-Pudlak syndrome models. <i>Blood</i> , 2012 , 120, 404-14	7.2	42
70	The ERM proteins interact with the HOPS complex to regulate the maturation of endosomes. <i>Molecular Biology of the Cell</i> , 2011 , 22, 375-85	3.5	42
69	Mutations in or near the transmembrane domain alter PMEL amyloid formation from functional to pathogenic. <i>PLoS Genetics</i> , 2011 , 7, e1002286	6	41
68	Prion strains are differentially released through the exosomal pathway. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 1185-96	10.3	38

67	A dual role for K63-linked ubiquitin chains in multivesicular body biogenesis and cargo sorting. <i>Molecular Biology of the Cell</i> , 2012 , 23, 2170-83	3.5	38
66	The power of imaging to understand extracellular vesicle biology in vivo. <i>Nature Methods</i> , 2021 , 18, 1013-1026	1.6	38
65	Efficient inhibition of infectious prions multiplication and release by targeting the exosomal pathway. <i>Cellular and Molecular Life Sciences</i> , 2015 , 72, 4409-27	10.3	37
64	ESCRT-I function is required for Tyrp1 transport from early endosomes to the melanosome limiting membrane. <i>Traffic</i> , 2009 , 10, 1318-36	5.7	37
63	Melanosome Distribution in Keratinocytes in Different Skin Types: Melanosome Clusters Are Not Degradative Organelles. <i>Journal of Investigative Dermatology</i> , 2018 , 138, 647-656	4.3	36
62	Rab30 is required for the morphological integrity of the Golgi apparatus. <i>Biology of the Cell</i> , 2012 , 104, 84-101	3.5	36
61	Immature dendritic cells (DCs) use chemokines and intercellular adhesion molecule (ICAM)-1, but not DC-specific ICAM-3-grabbing nonintegrin, to stimulate CD4+ T cells in the absence of exogenous antigen. <i>Journal of Immunology</i> , 2004 , 173, 50-60	5.3	36
60	BCR-bound antigen is targeted to exosomes in human follicular lymphoma B-cells. <i>Biology of the Cell</i> , 2006 , 98, 491-501	3.5	35
59	Routing of the RAB6 secretory pathway towards the lysosome related organelle of melanocytes. <i>Nature Communications</i> , 2017 , 8, 15835	17.4	33
58	General strategy for decoration of enveloped viruses with functionally active lipid-modified cytokines. <i>Journal of Virology</i> , 2007 , 81, 8666-76	6.6	32
57	Conformational variation of surface class II MHC proteins during myeloid dendritic cell differentiation accompanies structural changes in lysosomal MHC. <i>Journal of Immunology</i> , 2005 , 175, 4935-47	5.3	32
56	Myosin VI and branched actin filaments mediate membrane constriction and fission of melanosomal tubule carriers. <i>Journal of Cell Biology</i> , 2018 , 217, 2709-2726	7.3	31
55	Coronin 1C promotes triple-negative breast cancer invasiveness through regulation of MT1-MMP traffic and invadopodia function. <i>Oncogene</i> , 2018 , 37, 6425-6441	9.2	30
54	The late endocytic Rab39a GTPase regulates the interaction between multivesicular bodies and chlamydial inclusions. <i>Journal of Cell Science</i> , 2015 , 128, 3068-81	5.3	28
53	Phenotypic characterisation of RAB6A knockout mouse embryonic fibroblasts. <i>Biology of the Cell</i> , 2015 , 107, 427-39	3.5	28
52	The gene responsible for Dyggve-Melchior-Clausen syndrome encodes a novel peripheral membrane protein dynamically associated with the Golgi apparatus. <i>Human Molecular Genetics</i> , 2009 , 18, 440-53	5.6	28
51	The CryoCapsule: simplifying correlative light to electron microscopy. <i>Traffic</i> , 2014 , 15, 700-16	5.7	27
50	The ocular albinism type 1 (OA1) GPCR is ubiquitinated and its traffic requires endosomal sorting complex responsible for transport (ESCRT) function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 11906-11	11.5	26

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