Ira Mellman

List of Publications by Year in Descending Order

204 papers	47,874 citations	88 h-index	218 g-index
228 ext. papers	55,149 ext. citations	20.7 avg, IF	7.91 L-index

#	Paper	IF	Citations
204	IL-1 and IL-1ra are key regulators of the inflammatory response to RNA vaccines.. *Nature Immunology*, **2022**,	19.1	15
203	Mechanistic convergence of the TIGIT and PD-1 inhibitory pathways necessitates co-blockade to optimize anti-tumor CD8 T cell responses.. *Immunity*, **2022**, 55, 512-526.e9	32.3	6
202	ESCRT-mediated membrane repair protects tumor-derived cells against T cell attack.. *Science*, **2022**, 376, 377-382	33.3	3
201	Coming of Age: Human Genomics and the Cancer-Immune Set Point.. *Cancer Immunology Research*, **2022**, OF1-OF6	12.5	0
200	Single-cell analysis of human non-small cell lung cancer lesions refines tumor classification and patient stratification. *Cancer Cell*, **2021**,	24.3	15
199	An open-access volume electron microscopy atlas of whole cells and tissues. *Nature*, **2021**, 599, 147-151	50.4	12
198	Gut microbiome stability and dynamics in healthy donors and patients with non-gastrointestinal cancers. *Journal of Experimental Medicine*, **2021**, 218,	16.6	13
197	Gremlin 1 fibroblastic niche maintains dendritic cell homeostasis in lymphoid tissues. *Nature Immunology*, **2021**, 22, 571-585	19.1	13
196	Intratumoral CD103+ CD8+ T cells predict response to PD-L1 blockade **2021**, 9,		9
195	Molecular determinants of response to PD-L1 blockade across tumor types. *Nature Communications*, **2021**, 12, 3969	17.4	12
194	Genetic variation associated with thyroid autoimmunity shapes the systemic immune response to PD-1 checkpoint blockade. *Nature Communications*, **2021**, 12, 3355	17.4	5
193	Activation of NF-B and p300/CBP potentiates cancer chemoimmunotherapy through induction of MHC-I antigen presentation. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	5
192	Polygenic risk for skin autoimmunity impacts immune checkpoint blockade in bladder cancer. *Proceedings of the National Academy of Sciences of the United States of America*, **2020**, 117, 12288-12294	11.5	26
191	PD-L1 expression by dendritic cells is a key regulator of T-cell immunity in cancer.. *Nature Cancer*, **2020**, 1, 681-691	15.4	98
190	Dexamethasone premedication suppresses vaccine-induced immune responses against cancer. *OncoImmunology*, **2020**, 9, 1758004	7.2	11
189	Peripheral T cell expansion predicts tumour infiltration and clinical response. *Nature*, **2020**, 579, 274-278	50.4	200
188	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. *PLoS ONE*, **2020**, 15, e0238484	3.7	3

187	Mutation position is an important determinant for predicting cancer neoantigens. *Journal of Experimental Medicine*, **2020**, 217,	16.6	34
186	E-Cadherin is Dispensable to Maintain Langerhans Cells in the Epidermis. *Journal of Investigative Dermatology*, **2020**, 140, 132-142.e3	4.3	17
185	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation **2020**, 15, e0238484		
184	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation **2020**, 15, e0238484		
183	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation **2020**, 15, e0238484		
182	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation **2020**, 15, e0238484		
181	Coexpression of Inhibitory Receptors Enriches for Activated and Functional CD8 T Cells in Murine Syngeneic Tumor Models. *Cancer Immunology Research*, **2019**, 7, 963-976	12.5	25
180	TGF attenuates tumour response to PD-L1 blockade by contributing to exclusion of T cells. *Nature* , **2018**, 554, 544-548	50.4	1697
179	SUV420H2 is an epigenetic regulator of epithelial/mesenchymal states in pancreatic cancer. *Journal of Cell Biology*, **2018**, 217, 763-777	7.3	21
178	Germline genetic polymorphisms influence tumor gene expression and immune cell infiltration. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E11701-E11710	11.5	57
177	The Dendritic Cell Strikes Back. *Immunity*, **2018**, 49, 997-999	32.3	12
176	The Kinase Activity of Hematopoietic Progenitor Kinase 1 Is Essential for the Regulation of T Cell Function. *Cell Reports*, **2018**, 25, 80-94	10.6	30
175	Differential regulation of PD-L1 expression by immune and tumor cells in NSCLC and the response to treatment with atezolizumab (anti-PD-L1). *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E10119-E10126	11.5	128
174	Elements of cancer immunity and the cancer-immune set point. *Nature*, **2017**, 541, 321-330	50.4	2136
173	Transcriptional determinants of tolerogenic and immunogenic states during dendritic cell maturation. *Journal of Cell Biology*, **2017**, 216, 779-792	7.3	53
172	Tumour and host cell PD-L1 is required to mediate suppression of anti-tumour immunity in mice. *Nature Communications*, **2017**, 8, 14572	17.4	191
171	T cell costimulatory receptor CD28 is a primary target for PD-1-mediated inhibition. *Science*, **2017**, 355, 1428-1433	33.3	764
170	Visualization of early influenza A virus trafficking in human dendritic cells using STED microscopy. *PLoS ONE*, **2017**, 12, e0177920	3.7	9

169	The Human Vaccines Project: A roadmap for cancer vaccine development. *Science Translational Medicine*, **2016**, 8, 334ps9	17.5	115
168	High cell-surface density of HER2 deforms cell membranes. *Nature Communications*, **2016**, 7, 12742	17.4	48
167	MAP Kinase Inhibition Promotes T Cell and Anti-tumor Activity in Combination with PD-L1 Checkpoint Blockade. *Immunity*, **2016**, 44, 609-621	32.3	412
166	Voices of biotech. *Nature Biotechnology*, **2016**, 34, 270-5	44.5	3
165	Immunomodulatory antibodies for the treatment of lymphoma: Report on the CALYM Workshop. *OncoImmunology*, **2016**, 5, e1186323	7.2	2
164	Natural killer cell granules converge to avoid collateral damage. *Journal of Cell Biology*, **2016**, 215, 765-767	7.3	1
163	De-Risking Immunotherapy: Report of a Consensus Workshop of the Cancer Immunotherapy Consortium of the Cancer Research Institute. *Cancer Immunology Research*, **2016**, 4, 279-88	12.5	22
162	Catenin in dendritic cells exerts opposite functions in cross-priming and maintenance of CD8+ T cells through regulation of IL-10. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 2823-8	11.5	69
161	Polarity protein Par3 controls B-cell receptor dynamics and antigen extraction at the immune synapse. *Molecular Biology of the Cell*, **2015**, 26, 1273-85	3.5	29
160	Immunotherapy: The path to win the war on cancer?. *Cell*, **2015**, 161, 185-6	56.2	73
159	Cancer immunotherapy. Neo approaches to cancer vaccines. *Science*, **2015**, 348, 760-1	33.3	37
158	Protection of human myeloid dendritic cell subsets against influenza A virus infection is differentially regulated upon TLR stimulation. *Journal of Immunology*, **2015**, 194, 4422-30	5.3	15
157	Is all cancer therapy immunotherapy?. *Science Translational Medicine*, **2015**, 7, 315fs48	17.5	12
156	Dendritic cells require NIK for CD40-dependent cross-priming of CD8+ T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 14664-9	11.5	30
155	Transcriptional programming of dendritic cells for enhanced MHC class II antigen presentation. *Nature Immunology*, **2014**, 15, 161-7	19.1	182
154	Predicting immunogenic tumour mutations by combining mass spectrometry and exome sequencing. *Nature*, **2014**, 515, 572-6	50.4	772
153	Predictive correlates of response to the anti-PD-L1 antibody MPDL3280A in cancer patients. *Nature* , **2014**, 515, 563-7	50.4	3354
152	catenin mediates tumor-induced immunosuppression by inhibiting cross-priming of CD8+ T cells. *Journal of Leukocyte Biology*, **2014**, 95, 179-90	6.5	53

151	Endosomes are specialized platforms for bacterial sensing and NOD2 signalling. *Nature*, **2014**, 509, 240-4	50.4	185
150	Oncology meets immunology: the cancer-immunity cycle. *Immunity*, **2013**, 39, 1-10	32.3	3130
149	Antibody therapeutics in cancer. *Science*, **2013**, 341, 1192-8	33.3	412
148	Endocytosis and cancer. *Cold Spring Harbor Perspectives in Biology*, **2013**, 5, a016949	10.2	236
147	A Nobel Prize for membrane traffic: vesicles find their journey's end. *Journal of Cell Biology*, **2013**, 203, 559-61	7.3	30
146	Antigen delivery to early endosomes eliminates the superiority of human blood BDCA3+ dendritic cells at cross presentation. *Journal of Experimental Medicine*, **2013**, 210, 1049-63	16.6	140
145	MARCH1-mediated MHCII ubiquitination promotes dendritic cell selection of natural regulatory T cells. *Journal of Experimental Medicine*, **2013**, 210, 1069-77	16.6	57
144	Dendritic cells: master regulators of the immune response. *Cancer Immunology Research*, **2013**, 1, 145-9	12.5	155
143	Internalization and endosomal degradation of receptor-bound antigens regulate the efficiency of cross presentation by human dendritic cells. *Blood*, **2012**, 120, 2011-20	2.2	140
142	Influenza A virus infection of human primary dendritic cells impairs their ability to cross-present antigen to CD8 T cells. *PLoS Pathogens*, **2012**, 8, e1002572	7.6	70
141	MHC class II distribution in dendritic cells and B cells is determined by ubiquitin chain length. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 8820-7	11.5	41
140	Lkb1 regulates organogenesis and early oncogenesis along AMPK-dependent and -independent pathways. *Journal of Cell Biology*, **2012**, 199, 1117-30	7.3	32
139	Small-molecule ligands bind to a distinct pocket in Ras and inhibit SOS-mediated nucleotide exchange activity. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 5299-304	11.5	432
138	Profile of Ira Mellman. Interview by Prashant Nair. *Proceedings of the National Academy of Sciences of the United States of America*, **2012**, 109, 8790-2	11.5	
137	Cancer immunotherapy comes of age. *Nature*, **2011**, 480, 480-9	50.4	2374
136	Harnessing dendritic cells for immunotherapy. *Seminars in Immunology*, **2011**, 23, 2-11	10.7	48
135	A hierarchy of signals regulates entry of membrane proteins into the ciliary membrane domain in epithelial cells. *Journal of Cell Biology*, **2011**, 193, 219-33	7.3	87
134	Remembering Ralph Steinman. *Journal of Experimental Medicine*, **2011**, 208, 2343-7	16.6	5

133	Retrospective. Ralph M. Steinman (1943-2011). *Science*, **2011**, 334, 466	33.3	12
132	Ralph Steinman (1943-2011). *Nature*, **2011**, 478, 460	50.4	7
131	AMP-activated protein kinase (AMPK) activation and glycogen synthase kinase-3[GSK-3] inhibition induce Ca2+-independent deposition of tight junction components at the plasma membrane. *Journal of Biological Chemistry*, **2011**, 286, 16879-90	5.4	43
130	Spatial control of EGF receptor activation by reversible dimerization on living cells. *Nature*, **2010**, 464, 783-7	50.4	396
129	Trafficking guidance receptors. *Cold Spring Harbor Perspectives in Biology*, **2010**, 2, a001826	10.2	44
128	Immunology. Beta-catenin balances immunity. *Science*, **2010**, 329, 767-9	33.3	15
127	Mature dendritic cells use endocytic receptors to capture and present antigens. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 4287-92	11.5	180
126	Cell biology redux. *Molecular Biology of the Cell*, **2010**, 21, 3809-10	3.5	
125	Beta1 integrin establishes endothelial cell polarity and arteriolar lumen formation via a Par3-dependent mechanism. *Developmental Cell*, **2010**, 18, 39-51	10.2	199
124	Hepatocyte Growth Factor stimulated cell scattering requires ERK and Cdc42-dependent tight junction disassembly. *Biochemical and Biophysical Research Communications*, **2010**, 400, 271-7	3.4	9
123	Designing vaccines based on biology of human dendritic cell subsets. *Immunity*, **2010**, 33, 464-78	32.3	250
122	Monocyte-derived dendritic cells exhibit increased levels of lysosomal proteolysis as compared to other human dendritic cell populations. *PLoS ONE*, **2010**, 5, e11949	3.7	36
121	Membrane proteins follow multiple pathways to the basolateral cell surface in polarized epithelial cells. *Journal of Cell Biology*, **2009**, 186, 269-82	7.3	74
120	Essential and unique roles of PIP5K-gamma and -alpha in Fcgamma receptor-mediated phagocytosis. *Journal of Cell Biology*, **2009**, 184, 281-96	7.3	73
119	Host ER-parasitophorous vacuole interaction provides a route of entry for antigen cross-presentation in Toxoplasma gondii-infected dendritic cells. *Journal of Experimental Medicine*, **2009**, 206, 399-410	16.6	125
118	Differential role of the Ca(2+) sensor synaptotagmin VII in macrophages and dendritic cells. *Immunobiology*, **2009**, 214, 495-505	3.4	18
117	The prioritization of cancer antigens: a national cancer institute pilot project for the acceleration of translational research. *Clinical Cancer Research*, **2009**, 15, 5323-37	12.9	960
116	Essential and unique roles of PIP5K-[illegible]and -[illegible]n Fc[illegible]receptor-mediated phagocytosis. *Journal of Experimental Medicine*, **2009**, 206, i2-i2	16.6	

115	Direct proteasome-independent cross-presentation of viral antigen by plasmacytoid dendritic cells on major histocompatibility complex class I. *Nature Immunology*, **2008**, 9, 551-7	19.1	221
114	Coordinated protein sorting, targeting and distribution in polarized cells. *Nature Reviews Molecular Cell Biology*, **2008**, 9, 833-45	48.7	391
113	Maturation modulates caspase-1-independent responses of dendritic cells to Anthrax lethal toxin. *Cellular Microbiology*, **2008**, 10, 1190-207	3.9	26
112	Spinophilin participates in information transfer at immunological synapses. *Journal of Cell Biology*, **2008**, 181, 203-11	7.3	27
111	George E. Palade, Cell Biology and The JCB. *Journal of Cell Biology*, **2008**, 183, 365-365	7.3	78
110	A33 antigen displays persistent surface expression. *Cancer Immunology, Immunotherapy*, **2008**, 57, 1017-27	2.4	53
109	A PDZ-binding motif controls basolateral targeting of syndecan-1 along the biosynthetic pathway in polarized epithelial cells. *Traffic*, **2008**, 9, 1915-24	5.7	40
108	Internalization, intracellular trafficking, and biodistribution of monoclonal antibody 806: a novel anti-epidermal growth factor receptor antibody. *Neoplasia*, **2007**, 9, 1099-110	6.4	64
107	Incomplete screening?. *Nature Immunology*, **2007**, 8, 473	19.1	
106	Plasmacytoid dendritic cells sense self-DNA coupled with antimicrobial peptide. *Nature*, **2007**, 449, 564-9	30.4	1435
105	Rab10 is involved in basolateral transport in polarized Madin-Darby canine kidney cells. *Traffic*, **2007**, 8, 47-60	5.7	90
104	The tetraspanin CD9 mediates lateral association of MHC class II molecules on the dendritic cell surface. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 234-9	11.5	86
103	Private lives: reflections and challenges in understanding the cell biology of the immune system. *Science*, **2007**, 317, 625-7	33.3	8
102	Par3 functions in the biogenesis of the primary cilium in polarized epithelial cells. *Journal of Cell Biology*, **2007**, 179, 1133-40	7.3	76
101	Disruption of E-cadherin-mediated adhesion induces a functionally distinct pathway of dendritic cell maturation. *Immunity*, **2007**, 27, 610-24	32.3	288
100	Presentation of self-antigens on MHC class II molecules during dendritic cell maturation. *International Immunology*, **2006**, 18, 199-209	4.9	14
99	Enhancing immunogenicity by limiting susceptibility to lysosomal proteolysis. *Journal of Experimental Medicine*, **2006**, 203, 2049-55	16.6	146
98	Vectorial insertion of apical and basolateral membrane proteins in polarized epithelial cells revealed by quantitative 3D live cell imaging. *Journal of Cell Biology*, **2006**, 172, 1035-44	7.3	52

97	CHMP5 is essential for late endosome function and down-regulation of receptor signaling during mouse embryogenesis. *Journal of Cell Biology*, **2006**, 172, 1045-56	7.3	89
96	Modulation of cell adhesion and motility in the immune system by Myo1f. *Science*, **2006**, 314, 136-9	33.3	79
95	Surface expression of MHC class II in dendritic cells is controlled by regulated ubiquitination. *Nature* , **2006**, 444, 115-8	50.4	203
94	Bringing science to cancer therapy. *Yale Journal of Biology and Medicine*, **2006**, 79, 177-8	2.4	
93	Cell biology of antigen processing in vitro and in vivo. *Annual Review of Immunology*, **2005**, 23, 975-1028	34.7	883
92	Differential lysosomal proteolysis in antigen-presenting cells determines antigen fate. *Science*, **2005**, 307, 1630-4	33.3	570
91	Old lysosomes, new tricks: MHC II dynamics in DCs. *Trends in Immunology*, **2005**, 26, 72-8	14.4	36
90	Quantitative and dynamic assessment of the contribution of the ER to phagosome formation. *Cell*, **2005**, 123, 157-70	56.2	230
89	Targeting antigen to CD19 on B cells efficiently activates T cells. *International Immunology*, **2005**, 17, 869-77	4.9	23
88	Antigen processing and presentation by dendritic cells: cell biological mechanisms. *Advances in Experimental Medicine and Biology*, **2005**, 560, 63-7	3.6	34
87	Transcytosis of NgCAM in epithelial cells reflects differential signal recognition on the endocytic and secretory pathways. *Journal of Cell Biology*, **2005**, 170, 595-605	7.3	43
86	Fifty years of cell biology. *Journal of Cell Biology*, **2005**, 168, 15-15	7.3	78
85	Another evolutionary step for the JCB. *Journal of Cell Biology*, **2004**, 167, 17-17	7.3	78
84	The JEM and the JCB. *Journal of Experimental Medicine*, **2004**, 200, 549-549	16.6	1
83	Regulated recruitment of MHC class II and costimulatory molecules to lipid rafts in dendritic cells. *Journal of Immunology*, **2004**, 173, 6119-24	5.3	37
82	The J-domain protein Rme-8 interacts with Hsc70 to control clathrin-dependent endocytosis in Drosophila. *Journal of Cell Biology*, **2004**, 164, 1055-64	7.3	78
81	Providing realistic access. *Journal of Cell Biology*, **2004**, 165, 19-20	7.3	4
80	IFN-gamma enables cross-presentation of exogenous protein antigen in human Langerhans cells by potentiating maturation. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 14467-72	11.5	32

79	Immunotherapy: bewitched, bothered, and bewildered no more. *Science*, **2004**, 305, 197-200	33.3	110
78	Sorting of H,K-ATPase beta-subunit in MDCK and LLC-PK cells is independent of mu 1B adaptin expression. *Traffic*, **2004**, 5, 449-61	5.7	24
77	Protein kinase D regulates basolateral membrane protein exit from trans-Golgi network. *Nature Cell Biology*, **2004**, 6, 106-12	23.4	209
76	Recycling endosomes can serve as intermediates during transport from the Golgi to the plasma membrane of MDCK cells. *Journal of Cell Biology*, **2004**, 167, 531-43	7.3	347
75	The AP-1A and AP-1B clathrin adaptor complexes define biochemically and functionally distinct membrane domains. *Journal of Cell Biology*, **2003**, 163, 351-62	7.3	170
74	Presentation of exogenous antigens on major histocompatibility complex (MHC) class I and MHC class II molecules is differentially regulated during dendritic cell maturation. *Journal of Experimental Medicine*, **2003**, 198, 111-22	16.6	203
73	Activation of lysosomal function during dendritic cell maturation. *Science*, **2003**, 299, 1400-3	33.3	558
72	The Rab8 GTPase selectively regulates AP-1B-dependent basolateral transport in polarized Madin-Darby canine kidney cells. *Journal of Cell Biology*, **2003**, 163, 339-50	7.3	189
71	Dendritic cell maturation triggers retrograde MHC class II transport from lysosomes to the plasma membrane. *Nature*, **2002**, 418, 988-94	50.4	347
70	The immunosuppressive agent 15-deoxyspergualin functions by inhibiting cell cycle progression and cytokine production following naive T cell activation. *Journal of Immunology*, **2002**, 169, 4982-9	5.3	20
69	Transferrin receptor recycling in the absence of perinuclear recycling endosomes. *Journal of Cell Biology*, **2002**, 156, 797-804	7.3	107
68	Hsc70 is required for endocytosis and clathrin function in Drosophila. *Journal of Cell Biology*, **2002**, 159, 477-87	7.3	101
67	Differential presentation of a soluble exogenous tumor antigen, NY-ESO-1, by distinct human dendritic cell populations. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 10629-34	11.5	70
66	Setting logical priorities. *Nature*, **2001**, 410, 1026	50.4	2
65	Cell biology's journal gets a new look. *Journal of Cell Biology*, **2001**, 154, 9-9	7.3	78
64	Distribution and function of AP-1 clathrin adaptor complexes in polarized epithelial cells. *Journal of Cell Biology*, **2001**, 152, 595-606	7.3	208
63	Distinct patterns of membrane microdomain partitioning in Th1 and th2 cells. *Immunity*, **2001**, 15, 729-38	32.3	139
62	A novel cellular phenotype for familial hypercholesterolemia due to a defect in polarized targeting of LDL receptor. *Cell*, **2001**, 105, 575-85	56.2	83

61	Dendritic cells: specialized and regulated antigen processing machines. *Cell*, **2001**, 106, 255-8	56.2	1771
60	Considerations in creating online archives. *Science*, **2001**, 292, 51	33.3	
59	Mutational analysis reveals multiple distinct sites within Fc gamma receptor IIB that function in inhibitory signaling. *Journal of Immunology*, **2000**, 165, 4453-62	5.3	58
58	The induction of tolerance by dendritic cells that have captured apoptotic cells. *Journal of Experimental Medicine*, **2000**, 191, 411-6	16.6	998
57	Large-scale culture and selective maturation of human Langerhans cells from granulocyte colony-stimulating factor-mobilized CD34+ progenitors. *Journal of Immunology*, **2000**, 164, 3600-7	5.3	95
56	The formation of immunogenic major histocompatibility complex class II-peptide ligands in lysosomal compartments of dendritic cells is regulated by inflammatory stimuli. *Journal of Experimental Medicine*, **2000**, 191, 927-36	16.6	328
55	Invariant chain controls H2-M proteolysis in mouse splenocytes and dendritic cells. *Journal of Experimental Medicine*, **2000**, 191, 1057-62	16.6	27
54	Genomics comes to cell biology. *Journal of Cell Biology*, **2000**, 150, F21-2	7.3	
53	Quo vadis: polarized membrane recycling in motility and phagocytosis. *Journal of Cell Biology*, **2000**, 149, 529-30	7.3	27
52	Developmental control of endocytosis in dendritic cells by Cdc42. *Cell*, **2000**, 102, 325-34	56.2	355
51	The road taken: past and future foundations of membrane traffic. *Cell*, **2000**, 100, 99-112	56.2	374
50	Transport of peptide-MHC class II complexes in developing dendritic cells. *Science*, **2000**, 288, 522-7	33.3	408
49	The receptor recycling pathway contains two distinct populations of early endosomes with different sorting functions. *Journal of Cell Biology*, **1999**, 145, 123-39	7.3	385
48	A diffusion barrier maintains distribution of membrane proteins in polarized neurons. *Nature*, **1999**, 397, 698-701	50.4	341
47	Cdc42 controls secretory and endocytic transport to the basolateral plasma membrane of MDCK cells. *Nature Cell Biology*, **1999**, 1, 8-13	23.4	312
46	Neuronal polarity: controlling the sorting and diffusion of membrane components. *Neuron*, **1999**, 23, 637-40	13.9	122
45	Antigen capture, processing, and presentation by dendritic cells: recent cell biological studies. *Human Immunology*, **1999**, 60, 562-7	2.3	201
44	Mu1B, a novel adaptor medium chain expressed in polarized epithelial cells. *FEBS Letters*, **1999**, 449, 215-20	3.8	211

43	Bulk flow redux?. *Cell*, **1999**, 98, 125-7	56.2	45
42	A novel clathrin adaptor complex mediates basolateral targeting in polarized epithelial cells. *Cell*, **1999**, 99, 189-98	56.2	444
41	Generation or large numbers of immature and mature dendritic cells from rat bone marrow cultures. *European Journal of Immunology*, **1998**, 28, 811-7	6.1	107
40	Exploring the mechanisms of antigen processing by cell fractionation. *Current Opinion in Immunology*, **1998**, 10, 145-53	7.8	36
39	Developmental regulation of invariant chain proteolysis controls MHC class II trafficking in mouse dendritic cells. *Cell*, **1998**, 93, 1135-45	56.2	333
38	Cloning, expression, and localization of a novel gamma-adaptin-like molecule. *FEBS Letters*, **1998**, 435, 263-8	3.8	29
37	The monomeric guanosine triphosphatase rab4 controls an essential step on the pathway of receptor-mediated antigen processing in B cells. *Journal of Experimental Medicine*, **1998**, 188, 1769-74	16.6	39
36	Rab17 regulates membrane trafficking through apical recycling endosomes in polarized epithelial cells. *Journal of Cell Biology*, **1998**, 140, 1039-53	7.3	121
35	Efficient presentation of phagocytosed cellular fragments on the major histocompatibility complex class II products of dendritic cells. *Journal of Experimental Medicine*, **1998**, 188, 2163-73	16.6	546
34	Delivery of B cell receptor-internalized antigen to endosomes and class II vesicles. *Journal of Experimental Medicine*, **1997**, 186, 1299-306	16.6	39
33	Inhibition of endosome function in CHO cells bearing a temperature-sensitive defect in the coatomer (COPI) component epsilon-COP. *Journal of Cell Biology*, **1997**, 139, 1747-59	7.3	129
32	Ii chain controls the transport of major histocompatibility complex class II molecules to and from lysosomes. *Journal of Cell Biology*, **1997**, 137, 51-65	7.3	83
31	Does COPI go both ways?. *Cell*, **1997**, 90, 197-200	56.2	76
30	Developmental regulation of MHC class II transport in mouse dendritic cells. *Nature*, **1997**, 388, 787-92	50.4	639
29	Endocytosis and molecular sorting. *Annual Review of Cell and Developmental Biology*, **1996**, 12, 575-625	12.6	1337
28	HLA-DM is localized to conventional and unconventional MHC class II-containing endocytic compartments. *Immunity*, **1996**, 4, 229-39	32.3	111
27	Intracellular distribution of Arf proteins in mammalian cells. Arf6 is uniquely localized to the plasma membrane. *Journal of Biological Chemistry*, **1996**, 271, 21767-74	5.4	196
26	Biochemical heterogeneity and phosphorylation of coatomer subunits. *Journal of Biological Chemistry*, **1996**, 271, 7230-6	5.4	35

25	Lonely MHC molecules seeking immunogenic peptides for meaningful relationships. *Current Opinion in Cell Biology*, **1995**, 7, 564-72	9	38
24	Enigma variations: protein mediators of membrane fusion. *Cell*, **1995**, 82, 869-72	56.2	50
23	Cytoplasmic coat proteins involved in endosome function. *Cell*, **1995**, 83, 703-13	56.2	264
22	Transient accumulation of new class II MHC molecules in a novel endocytic compartment in B lymphocytes. *Nature*, **1994**, 369, 113-20	50.4	410
21	Mechanisms of cell polarity: sorting and transport in epithelial cells. *Current Opinion in Cell Biology*, **1994**, 6, 545-54	9	393
20	Common signals control low density lipoprotein receptor sorting in endosomes and the Golgi complex of MDCK cells. *Cell*, **1993**, 74, 1053-64	56.2	158
19	Reconstitution of endocytosis and recycling using perforated Madin-Darby canine kidney cells. *Methods in Enzymology*, **1992**, 219, 198-211	1.7	1
18	The small GTP-binding protein rab4 controls an early sorting event on the endocytic pathway. *Cell*, **1992**, 70, 729-40	56.2	548
17	Basolateral sorting of LDL receptor in MDCK cells: the cytoplasmic domain contains two tyrosine-dependent targeting determinants. *Cell*, **1992**, 71, 741-53	56.2	344
16	Brefeldin A and the endocytic pathway. Possible implications for membrane traffic and sorting. *FEBS Letters*, **1992**, 307, 93-6	3.8	47
15	Basolateral sorting in MDCK cells requires a distinct cytoplasmic domain determinant. *Cell*, **1991**, 66, 907-20	56.2	288
14	Selective inhibition of transcytosis by brefeldin A in MDCK cells. *Cell*, **1991**, 67, 617-27	56.2	232
13	Fc receptor phosphorylation during receptor-mediated control of B-cell activation. *Nature*, **1990**, 345, 628-32	50.4	46
12	The biogenesis of lysosomes. *Annual Review of Cell Biology*, **1989**, 5, 483-525		1365
11	Fc receptor isoforms exhibit distinct abilities for coated pit localization as a result of cytoplasmic domain heterogeneity. *Cell*, **1989**, 58, 317-27	56.2	237
10	Spike--nucleocapsid interaction in Semliki Forest virus reconstructed using network antibodies. *Nature*, **1988**, 336, 36-42	50.4	72
9	Analysis of endosome and lysosome acidification in vitro. *Methods in Enzymology*, **1988**, 157, 601-11	1.7	9
8	The mannose 6-phosphate receptor and the biogenesis of lysosomes. *Cell*, **1988**, 52, 329-41	56.2	771

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