Ira Mellman

List of Publications by Year
in descending order

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215 papers	60,716 citations	3149 92 h-index	2500 196 g-index
228 all docs	228 docs citations	228 times ranked	59418 citing authors

#	Article	IF	Citations
1	Loss of the intracellular enzyme QPCTL limits chemokine function and reshapes myeloid infiltration to augment tumor immunity. Nature Immunology, 2022, 23, 568-580.	7.0	18
2	IL-1 and IL-1ra are key regulators of the inflammatory response to RNA vaccines. Nature Immunology, 2022, 23, 532-542.	7.0	178
3	Mechanistic convergence of the TIGIT and PD-1 inhibitory pathways necessitates co-blockade to optimize anti-tumor CD8+ TÂcell responses. Immunity, 2022, 55, 512-526.e9.	6.6	118
4	TIGIT-CD226-PVR axis: advancing immune checkpoint blockade for cancer immunotherapy. , 2022, 10, e004711.		69
5	Antigen-derived peptides engage the ER stress sensor IRE1Î± to curb dendritic cell cross-presentation. Journal of Cell Biology, 2022, 221, .	2.3	17
6	ESCRT-mediated membrane repair protects tumor-derived cells against T cell attack. Science, 2022, 376, 377-382.	6.0	47
7	Coming of Age: Human Genomics and the Cancerâ€“Immune Set Point. Cancer Immunology Research, 2022, 10, 674-679.	1.6	5
8	Activation of NF-ÎºB 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, .	3.3	47
9	Gremlin 1+ fibroblastic niche maintains dendritic cell homeostasis in lymphoid tissues. Nature Immunology, 2021, 22, 571-585.	7.0	44
10	Intratumoral CD103+ CD8+ T cells predict response to PD-L1 blockade. , 2021, 9, e002231.		69
11	Molecular determinants of response to PD-L1 blockade across tumor types. Nature Communications, 2021, 12, 3969.	5.8	79
12	Genetic variation associated with thyroid autoimmunity shapes the systemic immune response to PD-1 checkpoint blockade. Nature Communications, 2021, 12, 3355.	5.8	40
13	Gut microbiome stability and dynamics in healthy donors and patients with non-gastrointestinal cancers. Journal of Experimental Medicine, 2021, 218, .	4.2	37
14	An open-access volume electron microscopy atlas of whole cells and tissues. Nature, 2021, 599, 147-151.	13.7	80
15	Single-cell analysis of human non-small cell lung cancer lesions refines tumor classification and patient stratification. Cancer Cell, 2021, 39, 1594-1609.e12.	7.7	151
16	E-Cadherin is Dispensable to Maintain Langerhans Cells in the Epidermis. Journal of Investigative Dermatology, 2020, 140, 132-142.e3.	0.3	33
17	Mutation position is an important determinant for predicting cancer neoantigens. Journal of Experimental Medicine, 2020, 217, .	4.2	73
18	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.	3.3	65

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19	PD-L1 expression by dendritic cells is a key regulator of T-cell immunity in cancer. Nature Cancer, 2020, 1, 681-691.	5.7	240
20	Dexamethasone premedication suppresses vaccine-induced immune responses against cancer. OncoImmunology, 2020, 9, 1758004.	2.1	17
21	Peripheral T cell expansion predicts tumour infiltration and clinical response. Nature, 2020, 579, 274-278.	13.7	439
22	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. PLoS ONE, 2020, 15, e0238484.	1.1	20
23	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. , 2020, 15, e0238484.		0
24	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. , 2020, 15, e0238484.		0
25	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. , 2020, 15, e0238484.		0
26	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. , 2020, 15, e0238484.		0
27	Coexpression of Inhibitory Receptors Enriches for Activated and Functional CD8+ T Cells in Murine Syngeneic Tumor Models. Cancer Immunology Research, 2019, 7, 963-976.	1.6	36
28	TGFÎ² attenuates tumour response to PD-L1 blockade by contributing to exclusion of T cells. Nature, 2018, 554, 544-548.	13.7	3,359
29	SUV420H2 is an epigenetic regulator of epithelial/mesenchymal states in pancreatic cancer. Journal of Cell Biology, 2018, 217, 763-777.	2.3	34
30	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.	3.3	108
31	The Dendritic Cell Strikes Back. Immunity, 2018, 49, 997-999.	6.6	16
32	The Kinase Activity of Hematopoietic Progenitor Kinase 1 Is Essential for the Regulation of T Cell Function. Cell Reports, 2018, 25, 80-94.	2.9	60
33	Differential regulation of PD-L1 expression by immune and tumor cells in NSCLC and the response to treatment with atezolizumab (antiâ€“PD-L1). Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E10119-E10126.	3.3	180
34	Elements of cancer immunity and the cancerâ€“immune set point. Nature, 2017, 541, 321-330.	13.7	3,558
35	Transcriptional determinants of tolerogenic and immunogenic states during dendritic cell maturation. Journal of Cell Biology, 2017, 216, 779-792.	2.3	82
36	Tumour and host cell PD-L1 is required to mediate suppression of anti-tumour immunity in mice. Nature Communications, 2017, 8, 14572.	5.8	279

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37	T cell costimulatory receptor CD28 is a primary target for PD-1â€“mediated inhibition. Science, 2017, 355, 1428-1433.	6.0	1,229
38	Visualization of early influenza A virus trafficking in human dendritic cells using STED microscopy. PLoS ONE, 2017, 12, e0177920.	1.1	13
39	Immunomodulatory antibodies for the treatment of lymphoma: Report on the CALYM Workshop. OncoImmunology, 2016, 5, e1186323.	2.1	2
40	Natural killer cell granules converge to avoid collateral damage. Journal of Cell Biology, 2016, 215, 765-767.	2.3	1
41	De-Risking Immunotherapy: Report of a Consensus Workshop of the Cancer Immunotherapy Consortium of the Cancer Research Institute. Cancer Immunology Research, 2016, 4, 279-288.	1.6	29
42	The Human Vaccines Project: A roadmap for cancer vaccine development. Science Translational Medicine, 2016, 8, 334ps9.	5.8	162
43	High cell-surface density of HER2 deforms cell membranes. Nature Communications, 2016, 7, 12742.	5.8	63
44	MAP Kinase Inhibition Promotes T Cell and Anti-tumor Activity in Combination with PD-L1 Checkpoint Blockade. Immunity, 2016, 44, 609-621.	6.6	566
45	Voices of biotech. Nature Biotechnology, 2016, 34, 270-275.	9.4	4
46	Î²-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, 2823-2828.	3.3	89
47	Polarity protein Par3 controls B-cell receptor dynamics and antigen extraction at the immune synapse. Molecular Biology of the Cell, 2015, 26, 1273-1285.	0.9	47
48	Immunotherapy: The Path to Win the War on Cancer?. Cell, 2015, 161, 185-186.	13.5	86
49	Neo approaches to cancer vaccines. Science, 2015, 348, 760-761.	6.0	46
50	Protection of Human Myeloid Dendritic Cell Subsets against Influenza A Virus Infection Is Differentially Regulated upon TLR Stimulation. Journal of Immunology, 2015, 194, 4422-4430.	0.4	17
51	Is all cancer therapy immunotherapy?. Science Translational Medicine, 2015, 7, 315fs48.	5.8	14
52	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, 14664-14669.	3.3	43
53	Predicting immunogenic tumour mutations by combining mass spectrometry and exome sequencing. Nature, 2014, 515, 572-576.	13.7	1,010
54	Predictive correlates of response to the anti-PD-L1 antibody MPDL3280A in cancer patients. Nature, 2014, 515, 563-567.	13.7	4,342

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55	Â-Catenin mediates tumor-induced immunosuppression by inhibiting cross-priming of CD8+ T cells. Journal of Leukocyte Biology, 2014, 95, 179-190.	1.5	62
56	Endosomes are specialized platforms for bacterial sensing and NOD2 signalling. Nature, 2014, 509, 240-244.	13.7	259
57	Transcriptional programming of dendritic cells for enhanced MHC class II antigen presentation. Nature Immunology, 2014, 15, 161-167.	7.0	224
58	Oncology Meets Immunology: The Cancer-Immunity Cycle. Immunity, 2013, 39, 1-10.	6.6	4,815
59	Antibody Therapeutics in Cancer. Science, 2013, 341, 1192-1198.	6.0	474
60	Endocytosis and Cancer. Cold Spring Harbor Perspectives in Biology, 2013, 5, a016949-a016949.	2.3	314
61	A Nobel Prize for membrane traffic: Vesicles find their journeyâ€™s end. Journal of Cell Biology, 2013, 203, 559-561.	2.3	34
62	Antigen delivery to early endosomes eliminates the superiority of human blood BDCA3+ dendritic cells at cross presentation. Journal of Experimental Medicine, 2013, 210, 1049-1063.	4.2	168
63	MARCH1-mediated MHCII ubiquitination promotes dendritic cell selection of natural regulatory T cells. Journal of Experimental Medicine, 2013, 210, 1069-1077.	4.2	70
64	Dendritic Cells: Master Regulators of the Immune Response. Cancer Immunology Research, 2013, 1, 145-149.	1.6	223
65	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.	2.1	83
66	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, 8820-8827.	3.3	57
67	Lkb1 regulates organogenesis and early oncogenesis along AMPK-dependent and -independent pathways. Journal of Cell Biology, 2012, 199, 1117-1130.	2.3	35
68	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, 5299-5304.	3.3	526
69	Profile of Ira Mellman. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 8790-8792.	3.3	0
70	Internalization and endosomal degradation of receptor-bound antigens regulate the efficiency of cross presentation by human dendritic cells. Blood, 2012, 120, 2011-2020.	0.6	164
71	Cancer immunotherapy comes of age. Nature, 2011, 480, 480-489.	13.7	3,115
72	Harnessing dendritic cells for immunotherapy. Seminars in Immunology, 2011, 23, 2-11.	2.7	57

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73	A hierarchy of signals regulates entry of membrane proteins into the ciliary membrane domain in epithelial cells. Journal of Cell Biology, 2011, 193, 219-233.	2.3	104
74	Remembering Ralph Steinman. Journal of Experimental Medicine, 2011, 208, 2343-2347.	4.2	5
75	Ralph M. Steinman (1943â€“2011). Science, 2011, 334, 466-466.	6.0	13
76	Ralph Steinman (1943â€“2011). Nature, 2011, 478, 460-460.	13.7	7
77	AMP-activated Protein Kinase (AMPK) Activation and Glycogen Synthase Kinase-3Î² (GSK-3Î²) Inhibition Induce Ca2+-independent Deposition of Tight Junction Components at the Plasma Membrane. Journal of Biological Chemistry, 2011, 286, 16879-16890.	1.6	46
78	Designing Vaccines Based on Biology of Human Dendritic Cell Subsets. Immunity, 2010, 33, 464-478.	6.6	290
79	Editorial overview. Current Opinion in Immunology, 2010, 22, 78-80.	2.4	7
80	Spatial control of EGF receptor activation by reversible dimerization on living cells. Nature, 2010, 464, 783-787.	13.7	478
81	Trafficking Guidance Receptors. Cold Spring Harbor Perspectives in Biology, 2010, 2, a001826-a001826.	2.3	54
82	Î²-Catenin Balances Immunity. Science, 2010, 329, 767-769.	6.0	16
83	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, 4287-4292.	3.3	226
84	Cell Biology Redux. Molecular Biology of the Cell, 2010, 21, 3809-3810.	0.9	0
85	Î²1 Integrin Establishes Endothelial Cell Polarity and Arteriolar Lumen Formation via a Par3-Dependent Mechanism. Developmental Cell, 2010, 18, 39-51.	3.1	233
86	Hepatocyte Growth Factor stimulated cell scattering requires ERK and Cdc42-dependent tight junction disassembly. Biochemical and Biophysical Research Communications, 2010, 400, 271-277.	1.0	9
87	Monocyte-Derived Dendritic Cells Exhibit Increased Levels of Lysosomal Proteolysis as Compared to Other Human Dendritic Cell Populations. PLoS ONE, 2010, 5, e11949.	1.1	39
88	By the scientists, for the scientists. Journal of Cell Biology, 2009, 184, 7-9.	2.3	3
89	Membrane proteins follow multiple pathways to the basolateral cell surface in polarized epithelial cells. Journal of Cell Biology, 2009, 186, 269-282.	2.3	85
90	Essential and unique roles of PIP5K-Î³ and -Î± in FcÎ³ receptor-mediated phagocytosis. Journal of Cell Biology, 2009, 184, 281-296.	2.3	81

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91	Host ERâ€“parasitophorous vacuole interaction provides a route of entry for antigen cross-presentation in Toxoplasma gondiiâ€“infected dendritic cells. Journal of Experimental Medicine, 2009, 206, 399-410.	4.2	142
92	Differential role of the Ca2+ sensor synaptotagmin VII in macrophages and dendritic cells. Immunobiology, 2009, 214, 495-505.	0.8	23
93	The Prioritization of Cancer Antigens: A National Cancer Institute Pilot Project for the Acceleration of Translational Research. Clinical Cancer Research, 2009, 15, 5323-5337.	3.2	1,177
94	Spontaneously Formed EGFR Dimers Are Primed For Activation. Biophysical Journal, 2009, 96, 368a.	0.2	0
95	Essential and unique roles of PIP5K-Î³ and -Î± in FcÎ³ receptor-mediated phagocytosis. Journal of Experimental Medicine, 2009, 206, i2-i2.	4.2	0
96	A33 antigen displays persistent surface expression. Cancer Immunology, Immunotherapy, 2008, 57, 1017-1027.	2.0	61
97	A PDZâ€Binding Motif Controls Basolateral Targeting of Syndecanâ€1 Along the Biosynthetic Pathway in Polarized Epithelial Cells. Traffic, 2008, 9, 1915-1924.	1.3	62
98	Direct proteasome-independent cross-presentation of viral antigen by plasmacytoid dendritic cells on major histocompatibility complex class I. Nature Immunology, 2008, 9, 551-557.	7.0	252
99	Coordinated protein sorting, targeting and distribution in polarized cells. Nature Reviews Molecular Cell Biology, 2008, 9, 833-845.	16.1	448
100	Maturation modulates caspase-1-independent responses of dendritic cells to Anthrax Lethal Toxin. Cellular Microbiology, 2008, 10, 1190-1207.	1.1	26
101	Spinophilin participates in information transfer at immunological synapses. Journal of Cell Biology, 2008, 181, 203-211.	2.3	28
102	George E. Palade, Cell Biology and The JCB. Journal of Cell Biology, 2008, 183, 365-365.	2.3	0
103	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, 234-239.	3.3	104
104	How the rich get richer. Journal of Cell Biology, 2007, 177, 951-951.	2.3	3
105	Private Lives: Reflections and Challenges in Understanding the Cell Biology of the Immune System. Science, 2007, 317, 625-627.	6.0	9
106	Par3 functions in the biogenesis of the primary cilium in polarized epithelial cells. Journal of Cell Biology, 2007, 179, 1133-1140.	2.3	86
107	Disruption of E-Cadherin-Mediated Adhesion Induces a Functionally Distinct Pathway of Dendritic Cell Maturation. Immunity, 2007, 27, 610-624.	6.6	321
108	Internalization, Intracellular Trafficking, Biodistribution of Monoclonal Antibody 806: A Novel Anti-Epidermal Growth Factor Receptor Antibody. Neoplasia, 2007, 9, 1099-1110.	2.3	67

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109	Incomplete screening?. Nature Immunology, 2007, 8, 473-473.	7.0	0
110	Plasmacytoid dendritic cells sense self-DNA coupled with antimicrobial peptide. Nature, 2007, 449, 564-569.	13.7	1,684
111	Rab10 is Involved in Basolateral Transport in Polarized Madin-Darby Canine Kidney Cells. Traffic, 2007, 8, 47-60.	1.3	116
112	Modulation of Cell Adhesion and Motility in the Immune System by Myo1f. Science, 2006, 314, 136-139.	6.0	102
113	Surface expression of MHC class II in dendritic cells is controlled by regulated ubiquitination. Nature, 2006, 444, 115-118.	13.7	221
114	Presentation of self-antigens on MHC class II molecules during dendritic cell maturation. International Immunology, 2006, 18, 199-209.	1.8	17
115	Enhancing immunogenicity by limiting susceptibility to lysosomal proteolysis. Journal of Experimental Medicine, 2006, 203, 2049-2055.	4.2	170
116	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, 1035-1044.	2.3	59
117	CHMP5 is essential for late endosome function and down-regulation of receptor signaling during mouse embryogenesis. Journal of Cell Biology, 2006, 172, 1045-1056.	2.3	110
118	Bringing science to cancer therapy. Yale Journal of Biology and Medicine, 2006, 79, 177-8.	0.2	0
119	Targeting antigen to CD19 on B cells efficiently activates T cells. International Immunology, 2005, 17, 869-877.	1.8	29
120	Antigen Processing and Presentation by Dendritic Cells: Cell Biological Mechanisms. , 2005, 560, 63-67.		39
121	Transcytosis of NgCAM in epithelial cells reflects differential signal recognition on the endocytic and secretory pathways. Journal of Cell Biology, 2005, 170, 595-605.	2.3	45
122	Fifty years of cell biology. Journal of Cell Biology, 2005, 168, 15-15.	2.3	0
123	CELL BIOLOGY OF ANTIGEN PROCESSING IN VITRO AND IN VIVO. Annual Review of Immunology, 2005, 23, 975-1028.	9.5	1,017
124	Differential Lysosomal Proteolysis in Antigen-Presenting Cells Determines Antigen Fate. Science, 2005, 307, 1630-1634.	6.0	643
125	Old lysosomes, new tricks: MHC II dynamics in DCs. Trends in Immunology, 2005, 26, 72-78.	2.9	37
126	Quantitative and Dynamic Assessment of the Contribution of the ER to Phagosome Formation. Cell, 2005, 123, 157-170.	13.5	251

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127	Another evolutionary step for the JCB. Journal of Cell Biology, 2004, 167, 17-17.	2.3	0
128	The JEM and the JCB. Journal of Experimental Medicine, 2004, 200, 549-549.	4.2	1
129	Regulated Recruitment of MHC Class II and Costimulatory Molecules to Lipid Rafts in Dendritic Cells. Journal of Immunology, 2004, 173, 6119-6124.	0.4	41
130	The J-domain protein Rme-8 interacts with Hsc70 to control clathrin-dependent endocytosis in Drosophila. Journal of Cell Biology, 2004, 164, 1055-1064.	2.3	87
131	Providing realistic access. Journal of Cell Biology, 2004, 165, 19-20.	2.3	5
132	IFN-Â 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, 14467-14472.	3.3	36
133	Immunotherapy: Bewitched, Bothered, and Bewildered No More. Science, 2004, 305, 197-200.	6.0	134
134	Sorting of H,K-ATPase Î²-Subunit in MDCK and LLC-PK1 Cells is Independent of Î¼1B Adaptin Expression. Traffic, 2004, 5, 449-461.	1.3	26
135	Protein kinase D regulates basolateral membrane protein exit from trans-Golgi network. Nature Cell Biology, 2004, 6, 106-112.	4.6	225
136	Recycling endosomes can serve as intermediates during transport from the Golgi to the plasma membrane of MDCK cells. Journal of Cell Biology, 2004, 167, 531-543.	2.3	404
137	Activation of Lysosomal Function During Dendritic Cell Maturation. Science, 2003, 299, 1400-1403.	6.0	631
138	The Rab8 GTPase selectively regulates AP-1Bâ€“dependent basolateral transport in polarized Madin-Darby canine kidney cells. Journal of Cell Biology, 2003, 163, 339-350.	2.3	206
139	The AP-1A and AP-1B clathrin adaptor complexes define biochemically and functionally distinct membrane domains. Journal of Cell Biology, 2003, 163, 351-362.	2.3	188
140	Computational cell biology. Journal of Cell Biology, 2003, 161, 463-464.	2.3	9
141	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, 111-122.	4.2	218
142	The Immunosuppressive Agent 15-Deoxyspergualin Functions by Inhibiting Cell Cycle Progression and Cytokine Production Following Naive T Cell Activation. Journal of Immunology, 2002, 169, 4982-4989.	0.4	21
143	Transferrin receptor recycling in the absence of perinuclear recycling endosomes. Journal of Cell Biology, 2002, 156, 797-804.	2.3	129
144	Hsc70 is required for endocytosis and clathrin function in Drosophila. Journal of Cell Biology, 2002, 159, 477-487.	2.3	120

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145	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, 10629-10634.	3.3	78
146	Dendritic cell maturation triggers retrograde MHC class II transport from lysosomes to the plasma membrane. Nature, 2002, 418, 988-994.	13.7	395
147	Distinct Patterns of Membrane Microdomain Partitioning in Th1 and Th2 Cells. Immunity, 2001, 15, 729-738.	6.6	142
148	A Novel Cellular Phenotype for Familial Hypercholesterolemia due to a Defect in Polarized Targeting of LDL Receptor. Cell, 2001, 105, 575-585.	13.5	94
149	Dendritic Cells. Cell, 2001, 106, 255-258.	13.5	2,009
150	Setting logical priorities. Nature, 2001, 410, 1026-1026.	13.7	5
151	Cell biology's journal gets a new look. Journal of Cell Biology, 2001, 154, 9-9.	2.3	0
152	Distribution and Function of Ap-1 Clathrin Adaptor Complexes in Polarized Epithelial Cells. Journal of Cell Biology, 2001, 152, 595-606.	2.3	234
153	Considerations in Creating Online Archives. Science, 2001, 292, 51-51.	6.0	0
154	Mutational Analysis Reveals Multiple Distinct Sites Within Fcî³ Receptor IIB That Function in Inhibitory Signaling. Journal of Immunology, 2000, 165, 4453-4462.	0.4	60
155	The Induction of Tolerance by Dendritic Cells That Have Captured Apoptotic Cells. Journal of Experimental Medicine, 2000, 191, 411-416.	4.2	1,093
156	Large-Scale Culture and Selective Maturation of Human Langerhans Cells from Granulocyte Colony-Stimulating Factor-Mobilized CD34+Progenitors. Journal of Immunology, 2000, 164, 3600-3607.	0.4	102
157	The Formation of Immunogenic Major Histocompatibility Complex Class IIâ€“Peptide Ligands in Lysosomal Compartments of Dendritic Cells Is Regulated by Inflammatory Stimuli. Journal of Experimental Medicine, 2000, 191, 927-936.	4.2	370
158	Invariant Chain Controls H2-M Proteolysis in Mouse Splenocytes and Dendritic Cells. Journal of Experimental Medicine, 2000, 191, 1057-1062.	4.2	29
159	Genomics Comes to Cell Biology. Journal of Cell Biology, 2000, 150, F21-F22.	2.3	0
160	Quo Vadis: Polarized Membrane Recycling in Motility and Phagocytosis. Journal of Cell Biology, 2000, 149, 529-530.	2.3	27
161	Developmental Control of Endocytosis in Dendritic Cells by Cdc42. Cell, 2000, 102, 325-334.	13.5	399
162	The Road Taken. Cell, 2000, 100, 99-112.	13.5	405

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164	A New Yearâ€™s Letter from The Editor. Journal of Cell Biology, 2000, 148, NP-NP.	2.3	0
165	The Receptor Recycling Pathway Contains Two Distinct Populations of Early Endosomes with Different Sorting Functions. Journal of Cell Biology, 1999, 145, 123-139.	2.3	411
166	A diffusion barrier maintains distribution of membrane proteins in polarized neurons. Nature, 1999, 397, 698-701.	13.7	383
167	Cdc42 controls secretory and endocytic transport to the basolateral plasma membrane of MDCK cells. Nature Cell Biology, 1999, 1, 8-13.	4.6	336
168	Neuronal Polarity. Neuron, 1999, 23, 637-640.	3.8	125
169	Antigen capture, processing, and presentation by dendritic cells: recent cell biological studies. Human Immunology, 1999, 60, 562-567.	1.2	223
170	Î¼1B, a novel adaptor medium chain expressed in polarized epithelial cells1. FEBS Letters, 1999, 449, 215-220.	1.3	234
171	Bulk Flow Redux?. Cell, 1999, 98, 125-127.	13.5	46
172	A Novel Clathrin Adaptor Complex Mediates Basolateral Targeting in Polarized Epithelial Cells. Cell, 1999, 99, 189-198.	13.5	479
173	Thomas Kreis (1952-98). Nature, 1998, 395, 446-446.	13.7	2
174	Generation or large numbers of immature and mature dendritic cells from rat bone marrow cultures. European Journal of Immunology, 1998, 28, 811-817.	1.6	113
175	Exploring the mechanisms of antigen processing by cell fractionation. Current Opinion in Immunology, 1998, 10, 145-153.	2.4	37
176	Developmental Regulation of Invariant Chain Proteolysis Controls MHC Class II Trafficking in Mouse Dendritic Cells. Cell, 1998, 93, 1135-1145.	13.5	361
177	Cloning, expression, and localization of a novel Î³-adaptin-like molecule. FEBS Letters, 1998, 435, 263-268.	1.3	32
178	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, 1769-1774.	4.2	40
179	Rab17 Regulates Membrane Trafficking through Apical Recycling Endosomes in Polarized Epithelial Cells. Journal of Cell Biology, 1998, 140, 1039-1053.	2.3	132
180	Efficient Presentation of Phagocytosed Cellular Fragments on the Major Histocompatibility Complex Class II Products of Dendritic Cells. Journal of Experimental Medicine, 1998, 188, 2163-2173.	4.2	583

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182	Inhibition of Endosome Function in CHO Cells Bearing a Temperature-sensitive Defect in the Coatomer (COPI) Component Îµ-COP. Journal of Cell Biology, 1997, 139, 1747-1759.	2.3	133
183	Ii Chain Controls the Transport of Major Histocompatibility Complex Class II Molecules to and from Lysosomes. Journal of Cell Biology, 1997, 137, 51-65.	2.3	86
184	Does COPI Go Both Ways?. Cell, 1997, 90, 197-200.	13.5	83
185	Developmental regulation of MHC class II transport in mouse dendritic cells. Nature, 1997, 388, 787-792.	13.7	707
186	ENDOCYTOSIS AND MOLECULAR SORTING. Annual Review of Cell and Developmental Biology, 1996, 12, 575-625.	4.0	1,444
187	Membranes and sorting. Current Opinion in Cell Biology, 1996, 8, 497-498.	2.6	51
188	HLA-DM Is Localized to Conventional and Unconventional MHC Class IIâ€“Containing Endocytic Compartments. Immunity, 1996, 4, 229-239.	6.6	118
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