

Ira Mellman

List of Publications by Year in descending order

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215
papers

60,716
citations

3151

92
h-index

2506

196
g-index

228
all docs

228
docs citations

228
times ranked

59418
citing authors

#	ARTICLE	IF	CITATIONS
1	Oncology Meets Immunology: The Cancer-Immunity Cycle. <i>Immunity</i> , 2013, 39, 1-10.	6.6	4,815
2	Predictive correlates of response to the anti-PD-L1 antibody MPDL3280A in cancer patients. <i>Nature</i> , 2014, 515, 563-567.	13.7	4,342
3	Elements of cancer immunity and the cancer's immune set point. <i>Nature</i> , 2017, 541, 321-330.	13.7	3,558
4	TGF β 2 attenuates tumour response to PD-L1 blockade by contributing to exclusion of T cells. <i>Nature</i> , 2018, 554, 544-548.	13.7	3,359
5	Cancer immunotherapy comes of age. <i>Nature</i> , 2011, 480, 480-489.	13.7	3,115
6	Dendritic Cells. <i>Cell</i> , 2001, 106, 255-258.	13.5	2,009
7	Acidification of the Endocytic and Exocytic Pathways. <i>Annual Review of Biochemistry</i> , 1986, 55, 663-700.	5.0	1,957
8	Plasmacytoid dendritic cells sense self-DNA coupled with antimicrobial peptide. <i>Nature</i> , 2007, 449, 564-569.	13.7	1,684
9	The Biogenesis of Lysosomes. <i>Annual Review of Cell Biology</i> , 1989, 5, 483-525.	26.0	1,538
10	ENDOCYTOSIS AND MOLECULAR SORTING. <i>Annual Review of Cell and Developmental Biology</i> , 1996, 12, 575-625.	4.0	1,444
11	T cell costimulatory receptor CD28 is a primary target for PD-1-mediated inhibition. <i>Science</i> , 2017, 355, 1428-1433.	6.0	1,229
12	The Prioritization of Cancer Antigens: A National Cancer Institute Pilot Project for the Acceleration of Translational Research. <i>Clinical Cancer Research</i> , 2009, 15, 5323-5337.	3.2	1,177
13	The Induction of Tolerance by Dendritic Cells That Have Captured Apoptotic Cells. <i>Journal of Experimental Medicine</i> , 2000, 191, 411-416.	4.2	1,093
14	CELL BIOLOGY OF ANTIGEN PROCESSING IN VITRO AND IN VIVO. <i>Annual Review of Immunology</i> , 2005, 23, 975-1028.	9.5	1,017
15	Predicting immunogenic tumour mutations by combining mass spectrometry and exome sequencing. <i>Nature</i> , 2014, 515, 572-576.	13.7	1,010
16	The mannose 6-phosphate receptor and the biogenesis of lysosomes. <i>Cell</i> , 1988, 52, 329-341.	13.5	856
17	Developmental regulation of MHC class II transport in mouse dendritic cells. <i>Nature</i> , 1997, 388, 787-792.	13.7	707
18	Differential Lysosomal Proteolysis in Antigen-Presenting Cells Determines Antigen Fate. <i>Science</i> , 2005, 307, 1630-1634.	6.0	643

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19	Activation of Lysosomal Function During Dendritic Cell Maturation. <i>Science</i> , 2003, 299, 1400-1403.	6.0	631
20	The small GTP-binding protein rab4 controls an early sorting event on the endocytic pathway. <i>Cell</i> , 1992, 70, 729-740.	13.5	604
21	Efficient Presentation of Phagocytosed Cellular Fragments on the Major Histocompatibility Complex Class II Products of Dendritic Cells. <i>Journal of Experimental Medicine</i> , 1998, 188, 2163-2173.	4.2	583
22	MAP Kinase Inhibition Promotes T Cell and Anti-tumor Activity in Combination with PD-L1 Checkpoint Blockade. <i>Immunity</i> , 2016, 44, 609-621.	6.6	566
23	Small-molecule ligands bind to a distinct pocket in Ras and inhibit SOS-mediated nucleotide exchange activity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5299-5304.	3.3	526
24	Endosomes. <i>Trends in Biochemical Sciences</i> , 1983, 8, 245-250.	3.7	481
25	A Novel Clathrin Adaptor Complex Mediates Basolateral Targeting in Polarized Epithelial Cells. <i>Cell</i> , 1999, 99, 189-198.	13.5	479
26	Spatial control of EGF receptor activation by reversible dimerization on living cells. <i>Nature</i> , 2010, 464, 783-787.	13.7	478
27	Antibody Therapeutics in Cancer. <i>Science</i> , 2013, 341, 1192-1198.	6.0	474
28	Coordinated protein sorting, targeting and distribution in polarized cells. <i>Nature Reviews Molecular Cell Biology</i> , 2008, 9, 833-845.	16.1	448
29	Transient accumulation of new class II MHC molecules in a novel endocytic compartment in B lymphocytes. <i>Nature</i> , 1994, 369, 113-120.	13.7	445
30	Peripheral T cell expansion predicts tumour infiltration and clinical response. <i>Nature</i> , 2020, 579, 274-278.	13.7	439
31	Transport of Peptide-MHC Class II Complexes in Developing Dendritic Cells. <i>Science</i> , 2000, 288, 522-527.	6.0	435
32	Mechanisms of cell polarity: sorting and transport in epithelial cells. <i>Current Opinion in Cell Biology</i> , 1994, 6, 545-554.	2.6	416
33	The Receptor Recycling Pathway Contains Two Distinct Populations of Early Endosomes with Different Sorting Functions. <i>Journal of Cell Biology</i> , 1999, 145, 123-139.	2.3	411
34	The Road Taken. <i>Cell</i> , 2000, 100, 99-112.	13.5	405
35	Recycling endosomes can serve as intermediates during transport from the Golgi to the plasma membrane of MDCK cells. <i>Journal of Cell Biology</i> , 2004, 167, 531-543.	2.3	404
36	Developmental Control of Endocytosis in Dendritic Cells by Cdc42. <i>Cell</i> , 2000, 102, 325-334.	13.5	399

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37	Dendritic cell maturation triggers retrograde MHC class II transport from lysosomes to the plasma membrane. <i>Nature</i> , 2002, 418, 988-994.	13.7	395
38	A diffusion barrier maintains distribution of membrane proteins in polarized neurons. <i>Nature</i> , 1999, 397, 698-701.	13.7	383
39	The Formation of Immunogenic Major Histocompatibility Complex Class II Peptide Ligands in Lysosomal Compartments of Dendritic Cells Is Regulated by Inflammatory Stimuli. <i>Journal of Experimental Medicine</i> , 2000, 191, 927-936.	4.2	370
40	Basolateral sorting of LDL receptor in MDCK cells: The cytoplasmic domain contains two tyrosine-dependent targeting determinants. <i>Cell</i> , 1992, 71, 741-753.	13.5	365
41	Developmental Regulation of Invariant Chain Proteolysis Controls MHC Class II Trafficking in Mouse Dendritic Cells. <i>Cell</i> , 1998, 93, 1135-1145.	13.5	361
42	Cdc42 controls secretory and endocytic transport to the basolateral plasma membrane of MDCK cells. <i>Nature Cell Biology</i> , 1999, 1, 8-13.	4.6	336
43	Disruption of E-Cadherin-Mediated Adhesion Induces a Functionally Distinct Pathway of Dendritic Cell Maturation. <i>Immunity</i> , 2007, 27, 610-624.	6.6	321
44	Endocytosis and Cancer. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013, 5, a016949-a016949.	2.3	314
45	Folding, trimerization, and transport are sequential events in the biogenesis of influenza virus hemagglutinin. <i>Cell</i> , 1988, 53, 197-209.	13.5	313
46	Basolateral sorting in MDCK cells requires a distinct cytoplasmic domain determinant. <i>Cell</i> , 1991, 66, 907-920.	13.5	313
47	Designing Vaccines Based on Biology of Human Dendritic Cell Subsets. <i>Immunity</i> , 2010, 33, 464-478.	6.6	290
48	Cytoplasmic coat proteins involved in endosome function. <i>Cell</i> , 1995, 83, 703-713.	13.5	284
49	Tumour and host cell PD-L1 is required to mediate suppression of anti-tumour immunity in mice. <i>Nature Communications</i> , 2017, 8, 14572.	5.8	279
50	Endosomes are specialized platforms for bacterial sensing and NOD2 signalling. <i>Nature</i> , 2014, 509, 240-244.	13.7	259
51	Fc receptor isoforms exhibit distinct abilities for coated pit localization as a result of cytoplasmic domain heterogeneity. <i>Cell</i> , 1989, 58, 317-327.	13.5	253
52	Selective inhibition of transcytosis by brefeldin A in MDCK cells. <i>Cell</i> , 1991, 67, 617-627.	13.5	253
53	Direct proteasome-independent cross-presentation of viral antigen by plasmacytoid dendritic cells on major histocompatibility complex class I. <i>Nature Immunology</i> , 2008, 9, 551-557.	7.0	252
54	Quantitative and Dynamic Assessment of the Contribution of the ER to Phagosome Formation. <i>Cell</i> , 2005, 123, 157-170.	13.5	251

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55	PD-L1 expression by dendritic cells is a key regulator of T-cell immunity in cancer. <i>Nature Cancer</i> , 2020, 1, 681-691.	5.7	240
56	AP-1B, a novel adaptor medium chain expressed in polarized epithelial cells. <i>FEBS Letters</i> , 1999, 449, 215-220.	1.3	234
57	Distribution and Function of AP-1 Clathrin Adaptor Complexes in Polarized Epithelial Cells. <i>Journal of Cell Biology</i> , 2001, 152, 595-606.	2.3	234
58	AP-1 Integrin Establishes Endothelial Cell Polarity and Arteriolar Lumen Formation via a Par3-Dependent Mechanism. <i>Developmental Cell</i> , 2010, 18, 39-51.	3.1	233
59	Mature dendritic cells use endocytic receptors to capture and present antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 4287-4292.	3.3	226
60	Protein kinase D regulates basolateral membrane protein exit from trans-Golgi network. <i>Nature Cell Biology</i> , 2004, 6, 106-112.	4.6	225
61	Transcriptional programming of dendritic cells for enhanced MHC class II antigen presentation. <i>Nature Immunology</i> , 2014, 15, 161-167.	7.0	224
62	Antigen capture, processing, and presentation by dendritic cells: recent cell biological studies. <i>Human Immunology</i> , 1999, 60, 562-567.	1.2	223
63	Dendritic Cells: Master Regulators of the Immune Response. <i>Cancer Immunology Research</i> , 2013, 1, 145-149.	1.6	223
64	Surface expression of MHC class II in dendritic cells is controlled by regulated ubiquitination. <i>Nature</i> , 2006, 444, 115-118.	13.7	221
65	Presentation of Exogenous Antigens on Major Histocompatibility Complex (MHC) Class I and MHC Class II Molecules Is Differentially Regulated during Dendritic Cell Maturation. <i>Journal of Experimental Medicine</i> , 2003, 198, 111-122.	4.2	218
66	Intracellular Distribution of Arf Proteins in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 21767-21774.	1.6	209
67	The Rab8 GTPase selectively regulates AP-1B-dependent basolateral transport in polarized Madin-Darby canine kidney cells. <i>Journal of Cell Biology</i> , 2003, 163, 339-350.	2.3	206
68	The AP-1A and AP-1B clathrin adaptor complexes define biochemically and functionally distinct membrane domains. <i>Journal of Cell Biology</i> , 2003, 163, 351-362.	2.3	188
69	Differential regulation of PD-L1 expression by immune and tumor cells in NSCLC and the response to treatment with atezolizumab (anti-PD-L1). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10119-E10126.	3.3	180
70	IL-1 and IL-1ra are key regulators of the inflammatory response to RNA vaccines. <i>Nature Immunology</i> , 2022, 23, 532-542.	7.0	178
71	A complementary DNA clone for a macrophage-lymphocyte Fc receptor. <i>Nature</i> , 1986, 324, 372-375.	13.7	177
72	Enhancing immunogenicity by limiting susceptibility to lysosomal proteolysis. <i>Journal of Experimental Medicine</i> , 2006, 203, 2049-2055.	4.2	170

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73	Common signals control low density lipoprotein receptor sorting in endosomes and the Golgi complex of MDCK cells. <i>Cell</i> , 1993, 74, 1053-1064.	13.5	168
74	Antigen delivery to early endosomes eliminates the superiority of human blood BDCA3+ dendritic cells at cross presentation. <i>Journal of Experimental Medicine</i> , 2013, 210, 1049-1063.	4.2	168
75	Internalization and endosomal degradation of receptor-bound antigens regulate the efficiency of cross presentation by human dendritic cells. <i>Blood</i> , 2012, 120, 2011-2020.	0.6	164
76	The Human Vaccines Project: A roadmap for cancer vaccine development. <i>Science Translational Medicine</i> , 2016, 8, 334ps9.	5.8	162
77	Single-cell analysis of human non-small cell lung cancer lesions refines tumor classification and patient stratification. <i>Cancer Cell</i> , 2021, 39, 1594-1609.e12.	7.7	151
78	Distinct Patterns of Membrane Microdomain Partitioning in Th1 and Th2 Cells. <i>Immunity</i> , 2001, 15, 729-738.	6.6	142
79	Host ERâ€“parasitophorous vacuole interaction provides a route of entry for antigen cross-presentation in <i>Toxoplasma gondii</i> â€“infected dendritic cells. <i>Journal of Experimental Medicine</i> , 2009, 206, 399-410.	4.2	142
80	Immunotherapy: Bewitched, Bothered, and Bewildered No More. <i>Science</i> , 2004, 305, 197-200.	6.0	134
81	Inhibition of Endosome Function in CHO Cells Bearing a Temperature-sensitive Defect in the Coatamer (COPI) Component Îµ-COP. <i>Journal of Cell Biology</i> , 1997, 139, 1747-1759.	2.3	133
82	Rab17 Regulates Membrane Trafficking through Apical Recycling Endosomes in Polarized Epithelial Cells. <i>Journal of Cell Biology</i> , 1998, 140, 1039-1053.	2.3	132
83	Transferrin receptor recycling in the absence of perinuclear recycling endosomes. <i>Journal of Cell Biology</i> , 2002, 156, 797-804.	2.3	129
84	Neuronal Polarity. <i>Neuron</i> , 1999, 23, 637-640.	3.8	125
85	Hsc70 is required for endocytosis and clathrin function in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 2002, 159, 477-487.	2.3	120
86	HLA-DM Is Localized to Conventional and Unconventional MHC Class IIâ€“Containing Endocytic Compartments. <i>Immunity</i> , 1996, 4, 229-239.	6.6	118
87	Mechanistic convergence of the TIGIT and PD-1 inhibitory pathways necessitates co-blockade to optimize anti-tumor CD8+ T cell responses. <i>Immunity</i> , 2022, 55, 512-526.e9.	6.6	118
88	Rab10 is Involved in Basolateral Transport in Polarized Madin-Darby Canine Kidney Cells. <i>Traffic</i> , 2007, 8, 47-60.	1.3	116
89	Generation of large numbers of immature and mature dendritic cells from rat bone marrow cultures. <i>European Journal of Immunology</i> , 1998, 28, 811-817.	1.6	113
90	CHMP5 is essential for late endosome function and down-regulation of receptor signaling during mouse embryogenesis. <i>Journal of Cell Biology</i> , 2006, 172, 1045-1056.	2.3	110

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91	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
92	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
93	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
94	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
95	Modulation of Cell Adhesion and Motility in the Immune System by Myo1f. Science, 2006, 314, 136-139.	6.0	102
96	Spike nucleocapsid interaction in Semliki Forest virus reconstructed using network antibodies. Nature, 1988, 336, 36-42.	13.7	101
97	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
98	β -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
99	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
100	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
101	Par3 functions in the biogenesis of the primary cilium in polarized epithelial cells. Journal of Cell Biology, 2007, 179, 1133-1140.	2.3	86
102	Immunotherapy: The Path to Win the War on Cancer?. Cell, 2015, 161, 185-186.	13.5	86
103	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
104	Does COPI Go Both Ways?. Cell, 1997, 90, 197-200.	13.5	83
105	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
106	Transcriptional determinants of tolerogenic and immunogenic states during dendritic cell maturation. Journal of Cell Biology, 2017, 216, 779-792.	2.3	82
107	Essential and unique roles of PIP5K- β and γ in Fc γ 3 receptor-mediated phagocytosis. Journal of Cell Biology, 2009, 184, 281-296.	2.3	81
108	An open-access volume electron microscopy atlas of whole cells and tissues. Nature, 2021, 599, 147-151.	13.7	80

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109	Molecular determinants of response to PD-L1 blockade across tumor types. <i>Nature Communications</i> , 2021, 12, 3969.	5.8	79
110	Differential presentation of a soluble exogenous tumor antigen, NY-ESO-1, by distinct human dendritic cell populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 10629-10634.	3.3	78
111	Mutation position is an important determinant for predicting cancer neoantigens. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	73
112	MARCH1-mediated MHCII ubiquitination promotes dendritic cell selection of natural regulatory T cells. <i>Journal of Experimental Medicine</i> , 2013, 210, 1069-1077.	4.2	70
113	Intratumoral CD103+ CD8+ T cells predict response to PD-L1 blockade. , 2021, 9, e002231.		69
114	TIGIT-CD226-PVR axis: advancing immune checkpoint blockade for cancer immunotherapy. , 2022, 10, e004711.		69
115	Internalization, Intracellular Trafficking, Biodistribution of Monoclonal Antibody 806: A Novel Anti-Epidermal Growth Factor Receptor Antibody. <i>Neoplasia</i> , 2007, 9, 1099-1110.	2.3	67
116	Polygenic risk for skin autoimmunity impacts immune checkpoint blockade in bladder cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12288-12294.	3.3	65
117	High cell-surface density of HER2 deforms cell membranes. <i>Nature Communications</i> , 2016, 7, 12742.	5.8	63
118	A PDZâ€Binding Motif Controls Basolateral Targeting of Syndecanâ€1 Along the Biosynthetic Pathway in Polarized Epithelial Cells. <i>Traffic</i> , 2008, 9, 1915-1924.	1.3	62
119	Âˆ-Catenin mediates tumor-induced immunosuppression by inhibiting cross-priming of CD8+ T cells. <i>Journal of Leukocyte Biology</i> , 2014, 95, 179-190.	1.5	62
120	A33 antigen displays persistent surface expression. <i>Cancer Immunology, Immunotherapy</i> , 2008, 57, 1017-1027.	2.0	61
121	Mutational Analysis Reveals Multiple Distinct Sites Within FcÎ³ Receptor IIB That Function in Inhibitory Signaling. <i>Journal of Immunology</i> , 2000, 165, 4453-4462.	0.4	60
122	The Kinase Activity of Hematopoietic Progenitor Kinase 1 Is Essential for the Regulation of T Cell Function. <i>Cell Reports</i> , 2018, 25, 80-94.	2.9	60
123	Vectorial insertion of apical and basolateral membrane proteins in polarized epithelial cells revealed by quantitative 3D live cell imaging. <i>Journal of Cell Biology</i> , 2006, 172, 1035-1044.	2.3	59
124	Brefeldin A and the endocytic pathway Possible implications for membrane traffic and sorting. <i>FEBS Letters</i> , 1992, 307, 93-96.	1.3	58
125	Harnessing dendritic cells for immunotherapy. <i>Seminars in Immunology</i> , 2011, 23, 2-11.	2.7	57
126	MHC class II distribution in dendritic cells and B cells is determined by ubiquitin chain length. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8820-8827.	3.3	57

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127	Enigma variations: Protein mediators of membrane fusion. <i>Cell</i> , 1995, 82, 869-872.	13.5	54
128	Trafficking Guidance Receptors. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a001826-a001826.	2.3	54
129	Membranes and sorting. <i>Current Opinion in Cell Biology</i> , 1996, 8, 497-498.	2.6	51
130	Fc receptor phosphorylation during receptor-mediated control of B-cell activation. <i>Nature</i> , 1990, 345, 628-632.	13.7	49
131	Polarity protein Par3 controls B-cell receptor dynamics and antigen extraction at the immune synapse. <i>Molecular Biology of the Cell</i> , 2015, 26, 1273-1285.	0.9	47
132	Activation of NF- κ B and p300/CBP potentiates cancer chemoimmunotherapy through induction of MHC-I antigen presentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	47
133	ESCRT-mediated membrane repair protects tumor-derived cells against T cell attack. <i>Science</i> , 2022, 376, 377-382.	6.0	47
134	Bulk Flow Redux?. <i>Cell</i> , 1999, 98, 125-127.	13.5	46
135	AMP-activated Protein Kinase (AMPK) Activation and Glycogen Synthase Kinase-3 β (GSK-3 β) Inhibition Induce Ca ²⁺ -independent Deposition of Tight Junction Components at the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2011, 286, 16879-16890.	1.6	46
136	Neo approaches to cancer vaccines. <i>Science</i> , 2015, 348, 760-761.	6.0	46
137	Cobalamin Binding and Cobalamin-Dependent Enzyme Activity in Normal and Mutant Human Fibroblasts. <i>Journal of Clinical Investigation</i> , 1978, 62, 952-960.	3.9	46
138	Transcytosis of NgCAM in epithelial cells reflects differential signal recognition on the endocytic and secretory pathways. <i>Journal of Cell Biology</i> , 2005, 170, 595-605.	2.3	45
139	Gremlin 1+ fibroblastic niche maintains dendritic cell homeostasis in lymphoid tissues. <i>Nature Immunology</i> , 2021, 22, 571-585.	7.0	44
140	Lonely MHC molecules seeking immunogenic peptides for meaningful relationships. <i>Current Opinion in Cell Biology</i> , 1995, 7, 564-572.	2.6	43
141	Dendritic cells require NIK for CD40-dependent cross-priming of CD8 ⁺ T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14664-14669.	3.3	43
142	Delivery of B Cell Receptor-internalized Antigen to Endosomes and Class II Vesicles. <i>Journal of Experimental Medicine</i> , 1997, 186, 1299-1306.	4.2	42
143	Biochemical Heterogeneity and Phosphorylation of Coatamer Subunits. <i>Journal of Biological Chemistry</i> , 1996, 271, 7230-7236.	1.6	41
144	Regulated Recruitment of MHC Class II and Costimulatory Molecules to Lipid Rafts in Dendritic Cells. <i>Journal of Immunology</i> , 2004, 173, 6119-6124.	0.4	41

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145	The Monomeric Guanosine Triphosphatase rab4 Controls an Essential Step on the Pathway of Receptor-mediated Antigen Processing in B Cells. <i>Journal of Experimental Medicine</i> , 1998, 188, 1769-1774.	4.2	40
146	Genetic variation associated with thyroid autoimmunity shapes the systemic immune response to PD-1 checkpoint blockade. <i>Nature Communications</i> , 2021, 12, 3355.	5.8	40
147	Antigen Processing and Presentation by Dendritic Cells: Cell Biological Mechanisms. , 2005, 560, 63-67.		39
148	Monocyte-Derived Dendritic Cells Exhibit Increased Levels of Lysosomal Proteolysis as Compared to Other Human Dendritic Cell Populations. <i>PLoS ONE</i> , 2010, 5, e11949.	1.1	39
149	Exploring the mechanisms of antigen processing by cell fractionation. <i>Current Opinion in Immunology</i> , 1998, 10, 145-153.	2.4	37
150	Old lysosomes, new tricks: MHC II dynamics in DCs. <i>Trends in Immunology</i> , 2005, 26, 72-78.	2.9	37
151	Gut microbiome stability and dynamics in healthy donors and patients with non-gastrointestinal cancers. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	37
152	IFN- γ enables cross-presentation of exogenous protein antigen in human Langerhans cells by potentiating maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14467-14472.	3.3	36
153	Coexpression of Inhibitory Receptors Enriches for Activated and Functional CD8+ T Cells in Murine Syngeneic Tumor Models. <i>Cancer Immunology Research</i> , 2019, 7, 963-976.	1.6	36
154	Lkb1 regulates organogenesis and early oncogenesis along AMPK-dependent and -independent pathways. <i>Journal of Cell Biology</i> , 2012, 199, 1117-1130.	2.3	35
155	A Nobel Prize for membrane traffic: Vesicles find their journey's end. <i>Journal of Cell Biology</i> , 2013, 203, 559-561.	2.3	34
156	SUV420H2 is an epigenetic regulator of epithelial/mesenchymal states in pancreatic cancer. <i>Journal of Cell Biology</i> , 2018, 217, 763-777.	2.3	34
157	E-Cadherin is Dispensable to Maintain Langerhans Cells in the Epidermis. <i>Journal of Investigative Dermatology</i> , 2020, 140, 132-142.e3.	0.3	33
158	Cloning, expression, and localization of a novel β -adaptin-like molecule. <i>FEBS Letters</i> , 1998, 435, 263-268.	1.3	32
159	Invariant Chain Controls H2-M Proteolysis in Mouse Splenocytes and Dendritic Cells. <i>Journal of Experimental Medicine</i> , 2000, 191, 1057-1062.	4.2	29
160	Targeting antigen to CD19 on B cells efficiently activates T cells. <i>International Immunology</i> , 2005, 17, 869-877.	1.8	29
161	De-Risking Immunotherapy: Report of a Consensus Workshop of the Cancer Immunotherapy Consortium of the Cancer Research Institute. <i>Cancer Immunology Research</i> , 2016, 4, 279-288.	1.6	29
162	Spinophilin participates in information transfer at immunological synapses. <i>Journal of Cell Biology</i> , 2008, 181, 203-211.	2.3	28

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163	Quo Vadis: Polarized Membrane Recycling in Motility and Phagocytosis. <i>Journal of Cell Biology</i> , 2000, 149, 529-530.	2.3	27
164	Sorting of H,K-ATPase β -Subunit in MDCK and LLC-PK1 Cells is Independent of β 41B Adaptin Expression. <i>Traffic</i> , 2004, 5, 449-461.	1.3	26
165	Maturation modulates caspase-1-independent responses of dendritic cells to Anthrax Lethal Toxin. <i>Cellular Microbiology</i> , 2008, 10, 1190-1207.	1.1	26
166	Differential role of the Ca ²⁺ sensor synaptotagmin VII in macrophages and dendritic cells. <i>Immunobiology</i> , 2009, 214, 495-505.	0.8	23
167	The Immunosuppressive Agent 15-Deoxyspergualin Functions by Inhibiting Cell Cycle Progression and Cytokine Production Following Naive T Cell Activation. <i>Journal of Immunology</i> , 2002, 169, 4982-4989.	0.4	21
168	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. <i>PLoS ONE</i> , 2020, 15, e0238484.	1.1	20
169	Loss of the intracellular enzyme QPCTL limits chemokine function and reshapes myeloid infiltration to augment tumor immunity. <i>Nature Immunology</i> , 2022, 23, 568-580.	7.0	18
170	Presentation of self-antigens on MHC class II molecules during dendritic cell maturation. <i>International Immunology</i> , 2006, 18, 199-209.	1.8	17
171	Protection of Human Myeloid Dendritic Cell Subsets against Influenza A Virus Infection Is Differentially Regulated upon TLR Stimulation. <i>Journal of Immunology</i> , 2015, 194, 4422-4430.	0.4	17
172	Dexamethasone premedication suppresses vaccine-induced immune responses against cancer. <i>OncotImmunology</i> , 2020, 9, 1758004.	2.1	17
173	Antigen-derived peptides engage the ER stress sensor IRE1 β to curb dendritic cell cross-presentation. <i>Journal of Cell Biology</i> , 2022, 221, .	2.3	17
174	β -Catenin Balances Immunity. <i>Science</i> , 2010, 329, 767-769.	6.0	16
175	The Dendritic Cell Strikes Back. <i>Immunity</i> , 2018, 49, 997-999.	6.6	16
176	Is all cancer therapy immunotherapy?. <i>Science Translational Medicine</i> , 2015, 7, 315fs48.	5.8	14
177	Ralph M. Steinman (1943â€“2011). <i>Science</i> , 2011, 334, 466-466.	6.0	13
178	Visualization of early influenza A virus trafficking in human dendritic cells using STED microscopy. <i>PLoS ONE</i> , 2017, 12, e0177920.	1.1	13
179	Studies on externally disposed plasma membrane proteins. <i>Experimental Cell Research</i> , 1981, 133, 103-114.	1.2	12
180	[46] Analysis of endosome and lysosome acidification in vitro. <i>Methods in Enzymology</i> , 1988, 157, 601-611.	0.4	11

#	ARTICLE	IF	CITATIONS
181	Computational cell biology. <i>Journal of Cell Biology</i> , 2003, 161, 463-464.	2.3	9
182	Private Lives: Reflections and Challenges in Understanding the Cell Biology of the Immune System. <i>Science</i> , 2007, 317, 625-627.	6.0	9
183	Hepatocyte Growth Factor stimulated cell scattering requires ERK and Cdc42-dependent tight junction disassembly. <i>Biochemical and Biophysical Research Communications</i> , 2010, 400, 271-277.	1.0	9
184	Multiple pathways of membrane transport. <i>Nature</i> , 1982, 299, 301-302.	13.7	8
185	Editorial overview. <i>Current Opinion in Immunology</i> , 2010, 22, 78-80.	2.4	7
186	Ralph Steinman (1943–2011). <i>Nature</i> , 2011, 478, 460-460.	13.7	7
187	Setting logical priorities. <i>Nature</i> , 2001, 410, 1026-1026.	13.7	5
188	Providing realistic access. <i>Journal of Cell Biology</i> , 2004, 165, 19-20.	2.3	5
189	Remembering Ralph Steinman. <i>Journal of Experimental Medicine</i> , 2011, 208, 2343-2347.	4.2	5
190	Coming of Age: Human Genomics and the Cancer–Immune Set Point. <i>Cancer Immunology Research</i> , 2022, 10, 674-679.	1.6	5
191	Voices of biotech. <i>Nature Biotechnology</i> , 2016, 34, 270-275.	9.4	4
192	How the rich get richer. <i>Journal of Cell Biology</i> , 2007, 177, 951-951.	2.3	3
193	By the scientists, for the scientists. <i>Journal of Cell Biology</i> , 2009, 184, 7-9.	2.3	3
194	[20] Reconstitution of endocytosis and recycling using perforated madin-darby canine kidney cells. <i>Methods in Enzymology</i> , 1992, 219, 198-211.	0.4	2
195	Thomas Kreis (1952-98). <i>Nature</i> , 1998, 395, 446-446.	13.7	2
196	Immunomodulatory antibodies for the treatment of lymphoma: Report on the CALYM Workshop. <i>OncImmunology</i> , 2016, 5, e1186323.	2.1	2
197	The JEM and the JCB. <i>Journal of Experimental Medicine</i> , 2004, 200, 549-549.	4.2	1
198	Natural killer cell granules converge to avoid collateral damage. <i>Journal of Cell Biology</i> , 2016, 215, 765-767.	2.3	1

#	ARTICLE	IF	CITATIONS
199	Genomics Comes to Cell Biology. <i>Journal of Cell Biology</i> , 2000, 150, F21-F22.	2.3	0
200	Cell biology's journal gets a new look. <i>Journal of Cell Biology</i> , 2001, 154, 9-9.	2.3	0
201	Another evolutionary step for the JCB. <i>Journal of Cell Biology</i> , 2004, 167, 17-17.	2.3	0
202	Fifty years of cell biology. <i>Journal of Cell Biology</i> , 2005, 168, 15-15.	2.3	0
203	Incomplete screening?. <i>Nature Immunology</i> , 2007, 8, 473-473.	7.0	0
204	George E. Palade, Cell Biology and The JCB. <i>Journal of Cell Biology</i> , 2008, 183, 365-365.	2.3	0
205	Spontaneously Formed EGFR Dimers Are Primed For Activation. <i>Biophysical Journal</i> , 2009, 96, 368a.	0.2	0
206	Cell Biology Redux. <i>Molecular Biology of the Cell</i> , 2010, 21, 3809-3810.	0.9	0
207	Profile of Ira Mellman. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 8790-8792.	3.3	0
208	A New Year's Letter from The Editor. <i>Journal of Cell Biology</i> , 2000, 148, NP-NP.	2.3	0
209	Considerations in Creating Online Archives. <i>Science</i> , 2001, 292, 51-51.	6.0	0
210	Essential and unique roles of PIP5K- β and γ in Fc γ receptor-mediated phagocytosis. <i>Journal of Experimental Medicine</i> , 2009, 206, i2-i2.	4.2	0
211	Bringing science to cancer therapy. <i>Yale Journal of Biology and Medicine</i> , 2006, 79, 177-8.	0.2	0
212	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. , 2020, 15, e0238484.		0
213	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. , 2020, 15, e0238484.		0
214	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. , 2020, 15, e0238484.		0
215	Aquaporin-3 regulates endosome-to-cytosol transfer via lipid peroxidation for cross presentation. , 2020, 15, e0238484.		0