

Ira Mellman

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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	Predictive correlates of response to the anti-PD-L1 antibody MPDL3280A in cancer patients. <i>Nature</i> , 2014 , 515, 563-7	50.4	3354
203	Oncology meets immunology: the cancer-immunity cycle. <i>Immunity</i> , 2013 , 39, 1-10	32.3	3130
202	Cancer immunotherapy comes of age. <i>Nature</i> , 2011 , 480, 480-9	50.4	2374
201	Elements of cancer immunity and the cancer-immune set point. <i>Nature</i> , 2017 , 541, 321-330	50.4	2136
200	Acidification of the endocytic and exocytic pathways. <i>Annual Review of Biochemistry</i> , 1986 , 55, 663-700	29.1	1790
199	Dendritic cells: specialized and regulated antigen processing machines. <i>Cell</i> , 2001 , 106, 255-8	56.2	1771
198	TGF β attenuates tumour response to PD-L1 blockade by contributing to exclusion of T cells. <i>Nature</i> , 2018 , 554, 544-548	50.4	1697
197	Plasmacytoid dendritic cells sense self-DNA coupled with antimicrobial peptide. <i>Nature</i> , 2007 , 449, 564-569	50.4	1435
196	The biogenesis of lysosomes. <i>Annual Review of Cell Biology</i> , 1989 , 5, 483-525		1365
195	Endocytosis and molecular sorting. <i>Annual Review of Cell and Developmental Biology</i> , 1996 , 12, 575-625	12.6	1337
194	The induction of tolerance by dendritic cells that have captured apoptotic cells. <i>Journal of Experimental Medicine</i> , 2000 , 191, 411-6	16.6	998
193	The prioritization of cancer antigens: a national cancer institute pilot project for the acceleration of translational research. <i>Clinical Cancer Research</i> , 2009 , 15, 5323-37	12.9	960
192	Cell biology of antigen processing in vitro and in vivo. <i>Annual Review of Immunology</i> , 2005 , 23, 975-1028	34.7	883
191	Predicting immunogenic tumour mutations by combining mass spectrometry and exome sequencing. <i>Nature</i> , 2014 , 515, 572-6	50.4	772
190	The mannose 6-phosphate receptor and the biogenesis of lysosomes. <i>Cell</i> , 1988 , 52, 329-41	56.2	771
189	T cell costimulatory receptor CD28 is a primary target for PD-1-mediated inhibition. <i>Science</i> , 2017 , 355, 1428-1433	33.3	764
188	Developmental regulation of MHC class II transport in mouse dendritic cells. <i>Nature</i> , 1997 , 388, 787-92	50.4	639

187	Differential lysosomal proteolysis in antigen-presenting cells determines antigen fate. <i>Science</i> , 2005 , 307, 1630-4	33.3	570
186	Activation of lysosomal function during dendritic cell maturation. <i>Science</i> , 2003 , 299, 1400-3	33.3	558
185	The small GTP-binding protein rab4 controls an early sorting event on the endocytic pathway. <i>Cell</i> , 1992 , 70, 729-40	56.2	548
184	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, 2163-73	16.6	546
183	Endosomes. <i>Trends in Biochemical Sciences</i> , 1983 , 8, 245-250	10.3	455
182	A novel clathrin adaptor complex mediates basolateral targeting in polarized epithelial cells. <i>Cell</i> , 1999 , 99, 189-98	56.2	444
181	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, 5299-304	11.5	432
180	MAP Kinase Inhibition Promotes T Cell and Anti-tumor Activity in Combination with PD-L1 Checkpoint Blockade. <i>Immunity</i> , 2016 , 44, 609-621	32.3	412
179	Antibody therapeutics in cancer. <i>Science</i> , 2013 , 341, 1192-8	33.3	412
178	Transient accumulation of new class II MHC molecules in a novel endocytic compartment in B lymphocytes. <i>Nature</i> , 1994 , 369, 113-20	50.4	410
177	Transport of peptide-MHC class II complexes in developing dendritic cells. <i>Science</i> , 2000 , 288, 522-7	33.3	408
176	Spatial control of EGF receptor activation by reversible dimerization on living cells. <i>Nature</i> , 2010 , 464, 783-7	50.4	396
175	Mechanisms of cell polarity: sorting and transport in epithelial cells. <i>Current Opinion in Cell Biology</i> , 1994 , 6, 545-54	9	393
174	Coordinated protein sorting, targeting and distribution in polarized cells. <i>Nature Reviews Molecular Cell Biology</i> , 2008 , 9, 833-45	48.7	391
173	The receptor recycling pathway contains two distinct populations of early endosomes with different sorting functions. <i>Journal of Cell Biology</i> , 1999 , 145, 123-39	7.3	385
172	The road taken: past and future foundations of membrane traffic. <i>Cell</i> , 2000 , 100, 99-112	56.2	374
171	Developmental control of endocytosis in dendritic cells by Cdc42. <i>Cell</i> , 2000 , 102, 325-34	56.2	355
170	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, 531-43	7.3	347

169	Dendritic cell maturation triggers retrograde MHC class II transport from lysosomes to the plasma membrane. <i>Nature</i> , 2002 , 418, 988-94	50.4	347
168	Basolateral sorting of LDL receptor in MDCK cells: the cytoplasmic domain contains two tyrosine-dependent targeting determinants. <i>Cell</i> , 1992 , 71, 741-53	56.2	344
167	A diffusion barrier maintains distribution of membrane proteins in polarized neurons. <i>Nature</i> , 1999 , 397, 698-701	50.4	341
166	Developmental regulation of invariant chain proteolysis controls MHC class II trafficking in mouse dendritic cells. <i>Cell</i> , 1998 , 93, 1135-45	56.2	333
165	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, 927-36	16.6	328
164	Cdc42 controls secretory and endocytic transport to the basolateral plasma membrane of MDCK cells. <i>Nature Cell Biology</i> , 1999 , 1, 8-13	23.4	312
163	Disruption of E-cadherin-mediated adhesion induces a functionally distinct pathway of dendritic cell maturation. <i>Immunity</i> , 2007 , 27, 610-24	32.3	288
162	Basolateral sorting in MDCK cells requires a distinct cytoplasmic domain determinant. <i>Cell</i> , 1991 , 66, 907-20	56.2	288
161	Folding, trimerization, and transport are sequential events in the biogenesis of influenza virus hemagglutinin. <i>Cell</i> , 1988 , 53, 197-209	56.2	275
160	Cytoplasmic coat proteins involved in endosome function. <i>Cell</i> , 1995 , 83, 703-13	56.2	264
159	Designing vaccines based on biology of human dendritic cell subsets. <i>Immunity</i> , 2010 , 33, 464-78	32.3	250
158	Fc receptor isoforms exhibit distinct abilities for coated pit localization as a result of cytoplasmic domain heterogeneity. <i>Cell</i> , 1989 , 58, 317-27	56.2	237
157	Endocytosis and cancer. <i>Cold Spring Harbor Perspectives in Biology</i> , 2013 , 5, a016949	10.2	236
156	Selective inhibition of transcytosis by brefeldin A in MDCK cells. <i>Cell</i> , 1991 , 67, 617-27	56.2	232
155	Quantitative and dynamic assessment of the contribution of the ER to phagosome formation. <i>Cell</i> , 2005 , 123, 157-70	56.2	230
154	Direct proteasome-independent cross-presentation of viral antigen by plasmacytoid dendritic cells on major histocompatibility complex class I. <i>Nature Immunology</i> , 2008 , 9, 551-7	19.1	221
153	Mu1B, a novel adaptor medium chain expressed in polarized epithelial cells. <i>FEBS Letters</i> , 1999 , 449, 215-20	3.8	211
152	Protein kinase D regulates basolateral membrane protein exit from trans-Golgi network. <i>Nature Cell Biology</i> , 2004 , 6, 106-12	23.4	209

151	Distribution and function of AP-1 clathrin adaptor complexes in polarized epithelial cells. <i>Journal of Cell Biology</i> , 2001 , 152, 595-606	7.3	208
150	Surface expression of MHC class II in dendritic cells is controlled by regulated ubiquitination. <i>Nature</i> , 2006 , 444, 115-8	50.4	203
149	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, 111-22	16.6	203
148	Antigen capture, processing, and presentation by dendritic cells: recent cell biological studies. <i>Human Immunology</i> , 1999 , 60, 562-7	2.3	201
147	Peripheral T cell expansion predicts tumour infiltration and clinical response. <i>Nature</i> , 2020 , 579, 274-278	50.4	200
146	Beta1 integrin establishes endothelial cell polarity and arteriolar lumen formation via a Par3-dependent mechanism. <i>Developmental Cell</i> , 2010 , 18, 39-51	10.2	199
145	Intracellular distribution of Arf proteins in mammalian cells. Arf6 is uniquely localized to the plasma membrane. <i>Journal of Biological Chemistry</i> , 1996 , 271, 21767-74	5.4	196
144	Tumour and host cell PD-L1 is required to mediate suppression of anti-tumour immunity in mice. <i>Nature Communications</i> , 2017 , 8, 14572	17.4	191
143	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, 339-50	7.3	189
142	Endosomes are specialized platforms for bacterial sensing and NOD2 signalling. <i>Nature</i> , 2014 , 509, 240-5	50.4	185
141	Transcriptional programming of dendritic cells for enhanced MHC class II antigen presentation. <i>Nature Immunology</i> , 2014 , 15, 161-7	19.1	182
140	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, 4287-92	11.5	180
139	The AP-1A and AP-1B clathrin adaptor complexes define biochemically and functionally distinct membrane domains. <i>Journal of Cell Biology</i> , 2003 , 163, 351-62	7.3	170
138	A complementary DNA clone for a macrophage-lymphocyte Fc receptor. <i>Nature</i> , 1986 , 324, 372-5	50.4	164
137	Common signals control low density lipoprotein receptor sorting in endosomes and the Golgi complex of MDCK cells. <i>Cell</i> , 1993 , 74, 1053-64	56.2	158
136	Dendritic cells: master regulators of the immune response. <i>Cancer Immunology Research</i> , 2013 , 1, 145-9	12.5	155
135	Enhancing immunogenicity by limiting susceptibility to lysosomal proteolysis. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2049-55	16.6	146
134	Internalization and endosomal degradation of receptor-bound antigens regulate the efficiency of cross presentation by human dendritic cells. <i>Blood</i> , 2012 , 120, 2011-20	2.2	140

133	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, 1049-63	16.6	140
132	Distinct patterns of membrane microdomain partitioning in Th1 and th2 cells. <i>Immunity</i> , 2001 , 15, 729-38	2.3	139
131	Inhibition of endosome function in CHO cells bearing a temperature-sensitive defect in the coatamer (COPI) component epsilon-COP. <i>Journal of Cell Biology</i> , 1997 , 139, 1747-59	7.3	129
130	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	11.5	128
129	Host ER-parasitophorous vacuole interaction provides a route of entry for antigen cross-presentation in <i>Toxoplasma gondii</i> -infected dendritic cells. <i>Journal of Experimental Medicine</i> , 2009 , 206, 399-410	16.6	125
128	Neuronal polarity: controlling the sorting and diffusion of membrane components. <i>Neuron</i> , 1999 , 23, 637-40	13.9	122
127	Rab17 regulates membrane trafficking through apical recycling endosomes in polarized epithelial cells. <i>Journal of Cell Biology</i> , 1998 , 140, 1039-53	7.3	121
126	The Human Vaccines Project: A roadmap for cancer vaccine development. <i>Science Translational Medicine</i> , 2016 , 8, 334ps9	17.5	115
125	HLA-DM is localized to conventional and unconventional MHC class II-containing endocytic compartments. <i>Immunity</i> , 1996 , 4, 229-39	32.3	111
124	Immunotherapy: bewitched, bothered, and bewildered no more. <i>Science</i> , 2004 , 305, 197-200	33.3	110
123	Generation of large numbers of immature and mature dendritic cells from rat bone marrow cultures. <i>European Journal of Immunology</i> , 1998 , 28, 811-7	6.1	107
122	Transferrin receptor recycling in the absence of perinuclear recycling endosomes. <i>Journal of Cell Biology</i> , 2002 , 156, 797-804	7.3	107
121	Hsc70 is required for endocytosis and clathrin function in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 2002 , 159, 477-87	7.3	101
120	PD-L1 expression by dendritic cells is a key regulator of T-cell immunity in cancer. <i>Nature Cancer</i> , 2020 , 1, 681-691	15.4	98
119	Large-scale culture and selective maturation of human Langerhans cells from granulocyte colony-stimulating factor-mobilized CD34+ progenitors. <i>Journal of Immunology</i> , 2000 , 164, 3600-7	5.3	95
118	Rab10 is involved in basolateral transport in polarized Madin-Darby canine kidney cells. <i>Traffic</i> , 2007 , 8, 47-60	5.7	90
117	CHMP5 is essential for late endosome function and down-regulation of receptor signaling during mouse embryogenesis. <i>Journal of Cell Biology</i> , 2006 , 172, 1045-56	7.3	89
116	A hierarchy of signals regulates entry of membrane proteins into the ciliary membrane domain in epithelial cells. <i>Journal of Cell Biology</i> , 2011 , 193, 219-33	7.3	87

115	The tetraspanin CD9 mediates lateral association of MHC class II molecules on the dendritic cell surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 234-9	11.5	86
114	li 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
113	A novel cellular phenotype for familial hypercholesterolemia due to a defect in polarized targeting of LDL receptor. <i>Cell</i> , 2001 , 105, 575-85	56.2	83
112	Modulation of cell adhesion and motility in the immune system by Myo1f. <i>Science</i> , 2006 , 314, 136-9	33.3	79
111	George E. Palade, Cell Biology and The JCB. <i>Journal of Cell Biology</i> , 2008 , 183, 365-365	7.3	78
110	Another evolutionary step for the JCB. <i>Journal of Cell Biology</i> , 2004 , 167, 17-17	7.3	78
109	The J-domain protein Rme-8 interacts with Hsc70 to control clathrin-dependent endocytosis in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 2004 , 164, 1055-64	7.3	78
108	Fifty years of cell biology. <i>Journal of Cell Biology</i> , 2005 , 168, 15-15	7.3	78
107	Cell biology journal gets a new look. <i>Journal of Cell Biology</i> , 2001 , 154, 9-9	7.3	78
106	Does COPI go both ways?. <i>Cell</i> , 1997 , 90, 197-200	56.2	76
105	Par3 functions in the biogenesis of the primary cilium in polarized epithelial cells. <i>Journal of Cell Biology</i> , 2007 , 179, 1133-40	7.3	76
104	Membrane proteins follow multiple pathways to the basolateral cell surface in polarized epithelial cells. <i>Journal of Cell Biology</i> , 2009 , 186, 269-82	7.3	74
103	Immunotherapy: The path to win the war on cancer?. <i>Cell</i> , 2015 , 161, 185-6	56.2	73
102	Essential and unique roles of PIP5K-gamma and -alpha in Fc-gamma receptor-mediated phagocytosis. <i>Journal of Cell Biology</i> , 2009 , 184, 281-96	7.3	73
101	Spike-nucleocapsid interaction in Semliki Forest virus reconstructed using network antibodies. <i>Nature</i> , 1988 , 336, 36-42	50.4	72
100	Influenza A virus infection of human primary dendritic cells impairs their ability to cross-present antigen to CD8 T cells. <i>PLoS Pathogens</i> , 2012 , 8, e1002572	7.6	70
99	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, 10629-34	11.5	70
98	E-catenin in dendritic cells exerts opposite functions in cross-priming and maintenance of CD8+ T cells through regulation of IL-10. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 2823-8	11.5	69

97	Internalization, intracellular trafficking, and biodistribution of monoclonal antibody 806: a novel anti-epidermal growth factor receptor antibody. <i>Neoplasia</i> , 2007 , 9, 1099-110	6.4	64
96	Mutational analysis reveals multiple distinct sites within Fc gamma receptor IIB that function in inhibitory signaling. <i>Journal of Immunology</i> , 2000 , 165, 4453-62	5.3	58
95	MARCH1-mediated MHCII ubiquitination promotes dendritic cell selection of natural regulatory T cells. <i>Journal of Experimental Medicine</i> , 2013 , 210, 1069-77	16.6	57
94	Germline genetic polymorphisms influence tumor gene expression and immune cell infiltration. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E11701-E11710	11.5	57
93	Transcriptional determinants of tolerogenic and immunogenic states during dendritic cell maturation. <i>Journal of Cell Biology</i> , 2017 , 216, 779-792	7.3	53
92	Ecaterin mediates tumor-induced immunosuppression by inhibiting cross-priming of CD8+ T cells. <i>Journal of Leukocyte Biology</i> , 2014 , 95, 179-90	6.5	53
91	A33 antigen displays persistent surface expression. <i>Cancer Immunology, Immunotherapy</i> , 2008 , 57, 1017-24	7.4	53
90	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, 1035-44	7.3	52
89	Enigma variations: protein mediators of membrane fusion. <i>Cell</i> , 1995 , 82, 869-72	56.2	50
88	High cell-surface density of HER2 deforms cell membranes. <i>Nature Communications</i> , 2016 , 7, 12742	17.4	48
87	Harnessing dendritic cells for immunotherapy. <i>Seminars in Immunology</i> , 2011 , 23, 2-11	10.7	48
86	Brefeldin A and the endocytic pathway. Possible implications for membrane traffic and sorting. <i>FEBS Letters</i> , 1992 , 307, 93-6	3.8	47
85	Fc receptor phosphorylation during receptor-mediated control of B-cell activation. <i>Nature</i> , 1990 , 345, 628-32	50.4	46
84	Bulk flow redux?. <i>Cell</i> , 1999 , 98, 125-7	56.2	45
83	Trafficking guidance receptors. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010 , 2, a001826	10.2	44
82	AMP-activated protein kinase (AMPK) activation and glycogen synthase kinase-3[[GSK-3]] inhibition induce Ca ²⁺ -independent deposition of tight junction components at the plasma membrane. <i>Journal of Biological Chemistry</i> , 2011 , 286, 16879-90	5.4	43
81	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	7.3	43
80	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, 8820-7	11.5	41

79	A PDZ-binding motif controls basolateral targeting of syndecan-1 along the biosynthetic pathway in polarized epithelial cells. <i>Traffic</i> , 2008 , 9, 1915-24	5.7	40
78	Cobalamin binding and cobalamin-dependent enzyme activity in normal and mutant human fibroblasts. <i>Journal of Clinical Investigation</i> , 1978 , 62, 952-60	15.9	40
77	Delivery of B cell receptor-internalized antigen to endosomes and class II vesicles. <i>Journal of Experimental Medicine</i> , 1997 , 186, 1299-306	16.6	39
76	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, 1769-74	16.6	39
75	Lonely MHC molecules seeking immunogenic peptides for meaningful relationships. <i>Current Opinion in Cell Biology</i> , 1995 , 7, 564-72	9	38
74	Cancer immunotherapy. Neo approaches to cancer vaccines. <i>Science</i> , 2015 , 348, 760-1	33.3	37
73	Regulated recruitment of MHC class II and costimulatory molecules to lipid rafts in dendritic cells. <i>Journal of Immunology</i> , 2004 , 173, 6119-24	5.3	37
72	Exploring the mechanisms of antigen processing by cell fractionation. <i>Current Opinion in Immunology</i> , 1998 , 10, 145-53	7.8	36
71	Old lysosomes, new tricks: MHC II dynamics in DCs. <i>Trends in Immunology</i> , 2005 , 26, 72-8	14.4	36
70	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	3.7	36
69	Biochemical heterogeneity and phosphorylation of coatamer subunits. <i>Journal of Biological Chemistry</i> , 1996 , 271, 7230-6	5.4	35
68	Antigen processing and presentation by dendritic cells: cell biological mechanisms. <i>Advances in Experimental Medicine and Biology</i> , 2005 , 560, 63-7	3.6	34
67	Mutation position is an important determinant for predicting cancer neoantigens. <i>Journal of Experimental Medicine</i> , 2020 , 217,	16.6	34
66	Lkb1 regulates organogenesis and early oncogenesis along AMPK-dependent and -independent pathways. <i>Journal of Cell Biology</i> , 2012 , 199, 1117-30	7.3	32
65	IFN-gamma 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, 14467-72	11.5	32
64	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, 14664-9	11.5	30
63	A Nobel Prize for membrane traffic: vesicles find their journey's end. <i>Journal of Cell Biology</i> , 2013 , 203, 559-61	7.3	30
62	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	10.6	30

61	Polarity protein Par3 controls B-cell receptor dynamics and antigen extraction at the immune synapse. <i>Molecular Biology of the Cell</i> , 2015 , 26, 1273-85	3.5	29
60	Cloning, expression, and localization of a novel gamma-adaptin-like molecule. <i>FEBS Letters</i> , 1998 , 435, 263-8	3.8	29
59	Spinophilin participates in information transfer at immunological synapses. <i>Journal of Cell Biology</i> , 2008 , 181, 203-11	7.3	27
58	Invariant chain controls H2-M proteolysis in mouse splenocytes and dendritic cells. <i>Journal of Experimental Medicine</i> , 2000 , 191, 1057-62	16.6	27
57	Quo vadis: polarized membrane recycling in motility and phagocytosis. <i>Journal of Cell Biology</i> , 2000 , 149, 529-30	7.3	27
56	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	11.5	26
55	Maturation modulates caspase-1-independent responses of dendritic cells to Anthrax lethal toxin. <i>Cellular Microbiology</i> , 2008 , 10, 1190-207	3.9	26
54	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	12.5	25
53	Sorting of H,K-ATPase beta-subunit in MDCK and LLC-PK cells is independent of mu 1B adaptin expression. <i>Traffic</i> , 2004 , 5, 449-61	5.7	24
52	Targeting antigen to CD19 on B cells efficiently activates T cells. <i>International Immunology</i> , 2005 , 17, 869-77	4.9	23
51	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, 279-88	12.5	22
50	SUV420H2 is an epigenetic regulator of epithelial/mesenchymal states in pancreatic cancer. <i>Journal of Cell Biology</i> , 2018 , 217, 763-777	7.3	21
49	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, 4982-9	5.3	20
48	Differential role of the Ca(2+) sensor synaptotagmin VII in macrophages and dendritic cells. <i>Immunobiology</i> , 2009 , 214, 495-505	3.4	18
47	E-Cadherin is Dispensable to Maintain Langerhans Cells in the Epidermis. <i>Journal of Investigative Dermatology</i> , 2020 , 140, 132-142.e3	4.3	17
46	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, 4422-30	5.3	15
45	Immunology. Beta-catenin balances immunity. <i>Science</i> , 2010 , 329, 767-9	33.3	15
44	Single-cell analysis of human non-small cell lung cancer lesions refines tumor classification and patient stratification. <i>Cancer Cell</i> , 2021 ,	24.3	15

43	IL-1 and IL-1ra are key regulators of the inflammatory response to RNA vaccines.. <i>Nature Immunology</i> , 2022 ,	19.1	15
42	Presentation of self-antigens on MHC class II molecules during dendritic cell maturation. <i>International Immunology</i> , 2006 , 18, 199-209	4.9	14
41	Gut microbiome stability and dynamics in healthy donors and patients with non-gastrointestinal cancers. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	13
40	Gremlin 1 fibroblastic niche maintains dendritic cell homeostasis in lymphoid tissues. <i>Nature Immunology</i> , 2021 , 22, 571-585	19.1	13
39	Is all cancer therapy immunotherapy?. <i>Science Translational Medicine</i> , 2015 , 7, 315fs48	17.5	12
38	Retrospective. Ralph M. Steinman (1943-2011). <i>Science</i> , 2011 , 334, 466	33.3	12
37	Studies on externally disposed plasma membrane proteins. Trinitrobenzene sulfonic acid derivatization and immune precipitation. <i>Experimental Cell Research</i> , 1981 , 133, 103-114	4.2	12
36	An open-access volume electron microscopy atlas of whole cells and tissues. <i>Nature</i> , 2021 , 599, 147-151	50.4	12
35	Molecular determinants of response to PD-L1 blockade across tumor types. <i>Nature Communications</i> , 2021 , 12, 3969	17.4	12
34	The Dendritic Cell Strikes Back. <i>Immunity</i> , 2018 , 49, 997-999	32.3	12
33	Dexamethasone premedication suppresses vaccine-induced immune responses against cancer. <i>Onc Immunology</i> , 2020 , 9, 1758004	7.2	11
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