

William Heath

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

228
papers

30,535
citations

89
h-index

173
g-index

254
ext. papers

33,712
ext. citations

12.1
avg, IF

6.85
L-index

#	Paper	IF	Citations
228	T cell receptor antagonist peptides induce positive selection. <i>Cell</i> , 1994 , 76, 17-27	56.2	2206
227	Help for cytotoxic-T-cell responses is mediated by CD40 signalling. <i>Nature</i> , 1998 , 393, 478-80	50.4	1745
226	Defective TCR expression in transgenic mice constructed using cDNA-based alpha- and beta-chain genes under the control of heterologous regulatory elements. <i>Immunology and Cell Biology</i> , 1998 , 76, 34-40	5	1165
225	Memory T cells in nonlymphoid tissue that provide enhanced local immunity during infection with herpes simplex virus. <i>Nature Immunology</i> , 2009 , 10, 524-30	19.1	774
224	Cross-presentation, dendritic cells, tolerance and immunity. <i>Annual Review of Immunology</i> , 2001 , 19, 47-64	34.7	755
223	The developmental pathway for CD103(+)CD8+ tissue-resident memory T cells of skin. <i>Nature Immunology</i> , 2013 , 14, 1294-301	19.1	736
222	Class I-restricted cross-presentation of exogenous self-antigens leads to deletion of autoreactive CD8(+) T cells. <i>Journal of Experimental Medicine</i> , 1997 , 186, 239-45	16.6	612
221	Induction of a CD8+ cytotoxic T lymphocyte response by cross-priming requires cognate CD4+ T cell help. <i>Journal of Experimental Medicine</i> , 1997 , 186, 65-70	16.6	588
220	Cross-presentation, dendritic cell subsets, and the generation of immunity to cellular antigens. <i>Immunological Reviews</i> , 2004 , 199, 9-26	11.3	578
219	Migratory dendritic cells transfer antigen to a lymph node-resident dendritic cell population for efficient CTL priming. <i>Immunity</i> , 2006 , 25, 153-62	32.3	551
218	Cross-presentation of viral and self antigens by skin-derived CD103+ dendritic cells. <i>Nature Immunology</i> , 2009 , 10, 488-95	19.1	538
217	Constitutive class I-restricted exogenous presentation of self antigens in vivo. <i>Journal of Experimental Medicine</i> , 1996 , 184, 923-30	16.6	536
216	Memory T cell subsets, migration patterns, and tissue residence. <i>Annual Review of Immunology</i> , 2013 , 31, 137-61	34.7	524
215	Epidermal viral immunity induced by CD8alpha+ dendritic cells but not by Langerhans cells. <i>Science</i> , 2003 , 301, 1925-8	33.3	486
214	Cutting edge: intravenous soluble antigen is presented to CD4 T cells by CD8- dendritic cells, but cross-presented to CD8 T cells by CD8+ dendritic cells. <i>Journal of Immunology</i> , 2001 , 166, 5327-30	5.3	459
213	Long-lived epithelial immunity by tissue-resident memory T (TRM) cells in the absence of persisting local antigen presentation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 7037-42	11.5	408
212	The CD8alpha(+) dendritic cell is responsible for inducing peripheral self-tolerance to tissue-associated antigens. <i>Journal of Experimental Medicine</i> , 2002 , 196, 1099-104	16.6	406

211	Different patterns of peripheral migration by memory CD4+ and CD8+ T cells. <i>Nature</i> , 2011 , 477, 216-9	50.4	395
210	The CD8+ dendritic cell subset. <i>Immunological Reviews</i> , 2010 , 234, 18-31	11.3	381
209	Induction of tumor cell apoptosis in vivo increases tumor antigen cross-presentation, cross-priming rather than cross-tolerizing host tumor-specific CD8 T cells. <i>Journal of Immunology</i> , 2003 , 170, 4905-13	5.3	350
208	The dendritic cell subtype-restricted C-type lectin Clec9A is a target for vaccine enhancement. <i>Blood</i> , 2008 , 112, 3264-73	2.2	349
207	Initiation of autoimmune diabetes by developmentally regulated presentation of islet cell antigens in the pancreatic lymph nodes. <i>Journal of Experimental Medicine</i> , 1999 , 189, 331-9	16.6	349
206	Cross-presentation in viral immunity and self-tolerance. <i>Nature Reviews Immunology</i> , 2001 , 1, 126-34	36.5	346
205	Cognate CD4(+) T cell licensing of dendritic cells in CD8(+) T cell immunity. <i>Nature Immunology</i> , 2004 , 5, 1143-8	19.1	339
204	Dendritic cell-induced memory T cell activation in nonlymphoid tissues. <i>Science</i> , 2008 , 319, 198-202	33.3	332
203	Dendritic cell subsets in primary and secondary T cell responses at body surfaces. <i>Nature Immunology</i> , 2009 , 10, 1237-44	19.1	330
202	The dominant role of CD8+ dendritic cells in cross-presentation is not dictated by antigen capture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 10729-34	11.5	314
201	Distinct migrating and nonmigrating dendritic cell populations are involved in MHC class I-restricted antigen presentation after lung infection with virus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 8670-5	11.5	313
200	Most lymphoid organ dendritic cell types are phenotypically and functionally immature. <i>Blood</i> , 2003 , 102, 2187-94	2.2	292
199	Systemic activation of dendritic cells by Toll-like receptor ligands or malaria infection impairs cross-presentation and antiviral immunity. <i>Nature Immunology</i> , 2006 , 7, 165-72	19.1	291
198	CD4+ T cell help impairs CD8+ T cell deletion induced by cross-presentation of self-antigens and favors autoimmunity. <i>Journal of Experimental Medicine</i> , 1997 , 186, 2057-62	16.6	270
197	Major histocompatibility complex class I-restricted cross-presentation is biased towards high dose antigens and those released during cellular destruction. <i>Journal of Experimental Medicine</i> , 1998 , 188, 409-14	16.6	263
196	Cutting edge: conventional CD8 alpha+ dendritic cells are generally involved in priming CTL immunity to viruses. <i>Journal of Immunology</i> , 2004 , 172, 1996-2000	5.3	252
195	The skin-resident and migratory immune system in steady state and memory: innate lymphocytes, dendritic cells and T cells. <i>Nature Immunology</i> , 2013 , 14, 978-85	19.1	243
194	Induction of autoimmune diabetes by oral administration of autoantigen. <i>Science</i> , 1996 , 274, 1707-9	33.3	233

193	Liver-Resident Memory CD8 T Cells Form a Front-Line Defense against Malaria Liver-Stage Infection. <i>Immunity</i> , 2016 , 45, 889-902	32.3	231
192	Autoimmune diabetes as a consequence of locally produced interleukin-2. <i>Nature</i> , 1992 , 359, 547-9	50.4	222
191	Cell-associated ovalbumin is cross-presented much more efficiently than soluble ovalbumin in vivo. <i>Journal of Immunology</i> , 2001 , 166, 6099-103	5.3	211
190	Cross-presentation: a general mechanism for CTL immunity and tolerance. <i>Trends in Immunology</i> , 1998 , 19, 368-73		205
189	Characterization of the ovalbumin-specific TCR transgenic line OT-I: MHC elements for positive and negative selection. <i>Immunology and Cell Biology</i> , 2000 , 78, 110-7	5	205
188	Progression of armed CTL from draining lymph node to spleen shortly after localized infection with herpes simplex virus 1. <i>Journal of Immunology</i> , 2002 , 168, 834-8	5.3	203
187	Persistence of skin-resident memory T cells within an epidermal niche. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 5307-12	11.5	196
186	CD8 T cell ignorance or tolerance to islet antigens depends on antigen dose. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 12703-7	11.5	192
185	Cross-tolerance: a pathway for inducing tolerance to peripheral tissue antigens. <i>Journal of Experimental Medicine</i> , 1998 , 187, 1549-53	16.6	191
184	Local proliferation maintains a stable pool of tissue-resident memory T cells after antiviral recall responses. <i>Nature Immunology</i> , 2018 , 19, 183-191	19.1	187
183	Differential MHC class II synthesis and ubiquitination confers distinct antigen-presenting properties on conventional and plasmacytoid dendritic cells. <i>Nature Immunology</i> , 2008 , 9, 1244-52	19.1	183
182	Single-cell RNA-seq and computational analysis using temporal mixture modelling resolves Th1/Tfh fate bifurcation in malaria. <i>Science Immunology</i> , 2017 , 2,	28	171
181	Targeting antigen to mouse dendritic cells via Clec9A induces potent CD4 T cell responses biased toward a follicular helper phenotype. <i>Journal of Immunology</i> , 2011 , 187, 842-50	5.3	163
180	Rapid cytotoxic T lymphocyte activation occurs in the draining lymph nodes after cutaneous herpes simplex virus infection as a result of early antigen presentation and not the presence of virus. <i>Journal of Experimental Medicine</i> , 2002 , 195, 651-6	16.6	163
179	Cutting edge: conventional CD8 alpha+ dendritic cells are preferentially involved in CTL priming after footpad infection with herpes simplex virus-1. <i>Journal of Immunology</i> , 2003 , 170, 4437-40	5.3	161
178	Spatiotemporally Distinct Interactions with Dendritic Cell Subsets Facilitates CD4+ and CD8+ T Cell Activation to Localized Viral Infection. <i>Immunity</i> , 2015 , 43, 554-65	32.3	158
177	Aire regulates the transfer of antigen from mTECs to dendritic cells for induction of thymic tolerance. <i>Blood</i> , 2011 , 118, 2462-72	2.2	153
176	Blood-stage Plasmodium infection induces CD8+ T lymphocytes to parasite-expressed antigens, largely regulated by CD8alpha+ dendritic cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 14509-14	11.5	152

175	CD8alpha+ dendritic cells selectively present MHC class I-restricted noncytolytic viral and intracellular bacterial antigens in vivo. <i>Journal of Immunology</i> , 2005 , 175, 196-200	5.3	150
174	Peptide-dependent recognition of H-2Kb by alloreactive cytotoxic T lymphocytes. <i>Nature</i> , 1989 , 341, 749-52	50.4	148
173	The peripheral deletion of autoreactive CD8+ T cells induced by cross-presentation of self-antigens involves signaling through CD95 (Fas, Apo-1). <i>Journal of Experimental Medicine</i> , 1998 , 188, 415-20	16.6	144
172	Herpes simplex virus-specific CD8+ T cells can clear established lytic infections from skin and nerves and can partially limit the early spread of virus after cutaneous inoculation. <i>Journal of Immunology</i> , 2004 , 172, 392-7	5.3	135
171	Granzyme B expression by CD8+ T cells is required for the development of experimental cerebral malaria. <i>Journal of Immunology</i> , 2011 , 186, 6148-56	5.3	132
170	Selective suicide of cross-presenting CD8+ dendritic cells by cytochrome c injection shows functional heterogeneity within this subset. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 3029-34	11.5	128
169	Life cycle, migration and antigen presenting functions of spleen and lymph node dendritic cells: limitations of the Langerhans cells paradigm. <i>Seminars in Immunology</i> , 2005 , 17, 262-72	10.7	128
168	Resident memory CD8 T cells in the upper respiratory tract prevent pulmonary influenza virus infection. <i>Science Immunology</i> , 2017 , 2,	28	127
167	Transfer of antigen between migrating and lymph node-resident DCs in peripheral T-cell tolerance and immunity. <i>Trends in Immunology</i> , 2004 , 25, 655-8	14.4	127
166	Peripheral deletion of autoreactive CD8 T cells by cross presentation of self-antigen occurs by a Bcl-2-inhibitable pathway mediated by Bim. <i>Journal of Experimental Medicine</i> , 2002 , 196, 947-55	16.6	127
165	The cytotoxic T-cell response to herpes simplex virus type 1 infection of C57BL/6 mice is almost entirely directed against a single immunodominant determinant. <i>Journal of Virology</i> , 1999 , 73, 7619-26	6.6	127
164	NLR4 inflammasomes in dendritic cells regulate noncognate effector function by memory CD8+ T cells. <i>Nature Immunology</i> , 2012 , 13, 162-9	19.1	126
163	B cells directly tolerize CD8(+) T cells. <i>Journal of Experimental Medicine</i> , 1998 , 188, 1977-83	16.6	124
162	Minimal activation of memory CD8+ T cell by tissue-derived dendritic cells favors the stimulation of naive CD8+ T cells. <i>Nature Immunology</i> , 2007 , 8, 1060-6	19.1	120
161	Expression of two alpha chains on the surface of T cells in T cell receptor transgenic mice. <i>Journal of Experimental Medicine</i> , 1993 , 178, 1807-11	16.6	120
160	Species-restricted interactions between CD8 and the alpha 3 domain of class I influence the magnitude of the xenogeneic response. <i>Journal of Experimental Medicine</i> , 1989 , 170, 1091-101	16.6	120
159	Peripheral deletion of autoreactive CD8+ T cells in transgenic mice expressing H-2Kb in the liver. <i>European Journal of Immunology</i> , 1995 , 25, 1932-42	6.1	119
158	DEC-205 is a cell surface receptor for CpG oligonucleotides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 16270-5	11.5	117

157	Characterization of two TCR transgenic mouse lines specific for herpes simplex virus. <i>Immunology and Cell Biology</i> , 2002 , 80, 156-63	5	115
156	Skin CD4(+) memory T cells exhibit combined cluster-mediated retention and equilibration with the circulation. <i>Nature Communications</i> , 2016 , 7, 11514	17.4	115
155	Migratory CD11b conventional dendritic cells induce T follicular helper cell-dependent antibody responses. <i>Science Immunology</i> , 2017 , 2,	28	114
154	Expression of two T cell receptor alpha chains on the surface of normal murine T cells. <i>European Journal of Immunology</i> , 1995 , 25, 1617-23	6.1	114
153	IP-10-mediated T cell homing promotes cerebral inflammation over splenic immunity to malaria infection. <i>PLoS Pathogens</i> , 2009 , 5, e1000369	7.6	113
152	Signalling through CD30 protects against autoimmune diabetes mediated by CD8 T cells. <i>Nature</i> , 1999 , 398, 341-4	50.4	108
151	Skin-derived dendritic cells can mediate deletional tolerance of class I-restricted self-reactive T cells. <i>Journal of Immunology</i> , 2007 , 179, 4535-41	5.3	106
150	Aire-deficient C57BL/6 mice mimicking the common human 13-base pair deletion mutation present with only a mild autoimmune phenotype. <i>Journal of Immunology</i> , 2009 , 182, 3902-18	5.3	103
149	Up-regulation of LFA-1 allows liver-resident memory T cells to patrol and remain in the hepatic sinusoids. <i>Science Immunology</i> , 2017 , 2,	28	102
148	Self-ignorance in the peripheral T-cell pool. <i>Immunological Reviews</i> , 1993 , 133, 131-50	11.3	101
147	Putative IKDCs are functionally and developmentally similar to natural killer cells, but not to dendritic cells. <i>Journal of Experimental Medicine</i> , 2007 , 204, 2579-90	16.6	100
146	Alloreactive T cells discriminate among a diverse set of endogenous peptides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 5101-5	11.5	100
145	A Liver Capsular Network of Monocyte-Derived Macrophages Restricts Hepatic Dissemination of Intra-peritoneal Bacteria by Neutrophil Recruitment. <i>Immunity</i> , 2017 , 47, 374-388.e6	32.3	94
144	Cutting edge: precursor frequency affects the helper dependence of cytotoxic T cells. <i>Journal of Immunology</i> , 2002 , 168, 977-80	5.3	93
143	The C-type lectin Clec12A present on mouse and human dendritic cells can serve as a target for antigen delivery and enhancement of antibody responses. <i>Journal of Immunology</i> , 2009 , 182, 7587-94	5.3	92
142	Ontogeny of T cell tolerance to peripherally expressed antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 3854-8	11.5	92
141	Cytotoxic T lymphocyte activation by cross-priming. <i>Current Opinion in Immunology</i> , 1999 , 11, 314-8	7.8	91
140	Helper T cells, dendritic cells and CTL Immunity. <i>Immunology and Cell Biology</i> , 2004 , 82, 84-90	5	88

139	Induction of T-cell-mediated skin disease specific for antigen transgenically expressed in keratinocytes. <i>European Journal of Immunology</i> , 2003 , 33, 1879-88	6.1	87
138	A specific anti-Aire antibody reveals aire expression is restricted to medullary thymic epithelial cells and not expressed in periphery. <i>Journal of Immunology</i> , 2008 , 180, 3824-32	5.3	83
137	SOCS1: a potent and multifaceted regulator of cytokines and cell-mediated inflammation. <i>Tissue Antigens</i> , 2006 , 67, 1-9		82
136	Normal proportion and expression of maturation markers in migratory dendritic cells in the absence of germs or Toll-like receptor signaling. <i>Immunology and Cell Biology</i> , 2008 , 86, 200-5	5	80
135	Characterization of an immediate splenic precursor of CD8+ dendritic cells capable of inducing antiviral T cell responses. <i>Journal of Immunology</i> , 2009 , 182, 4200-7	5.3	78
134	Selected Toll-like receptor ligands and viruses promote helper-independent cytotoxic T cell priming by upregulating CD40L on dendritic cells. <i>Immunity</i> , 2009 , 30, 218-27	32.3	78
133	Chemokine Receptor-Dependent Control of Skin Tissue-Resident Memory T Cell Formation. <i>Journal of Immunology</i> , 2017 , 199, 2451-2459	5.3	73
132	Activation and migration of CD8 T cells in the intestinal mucosa. <i>Journal of Immunology</i> , 1997 , 159, 4295-306	5.3	69
131	Peripheral tissue surveillance and residency by memory T cells. <i>Trends in Immunology</i> , 2013 , 34, 27-32	14.4	68
130	CD4(+) T-cell help amplifies innate signals for primary CD8(+) T-cell immunity. <i>Immunological Reviews</i> , 2016 , 272, 52-64	11.3	68
129	Cutting edge: priming of CD8 T cell immunity to herpes simplex virus type 1 requires cognate TLR3 expression in vivo. <i>Journal of Immunology</i> , 2010 , 184, 2243-6	5.3	67
128	Negative selection of semimature CD4(+)8(-)HSA+ thymocytes requires the BH3-only protein Bim but is independent of death receptor signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 7052-7	11.5	66
127	Differential migration of epidermal and dermal dendritic cells during skin infection. <i>Journal of Immunology</i> , 2009 , 182, 3165-72	5.3	65
126	Induction of peripheral CD8+ T-cell tolerance by cross-presentation of self antigens. <i>Immunological Reviews</i> , 1998 , 165, 267-77	11.3	65
125	The role of dendritic cell subsets in selection between tolerance and immunity. <i>Immunology and Cell Biology</i> , 2002 , 80, 463-8	5	63
124	SOCS-1 regulates IL-15-driven homeostatic proliferation of antigen-naive CD8 T cells, limiting their autoimmune potential. <i>Journal of Experimental Medicine</i> , 2005 , 202, 1099-108	16.6	63
123	A key role for ICAM-1 in generating effector cells mediating inflammatory responses. <i>Nature Immunology</i> , 2001 , 2, 523-9	19.1	63
122	Deletion of high-avidity T cells by thymic epithelium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 9851-5	11.5	63

121	Dendritic cell preactivation impairs MHC class II presentation of vaccines and endogenous viral antigens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 17753-8	11.5	62
120	Suppressor of cytokine signaling-1 has IFN-gamma-independent actions in T cell homeostasis. <i>Journal of Immunology</i> , 2003 , 170, 878-86	5.3	62
119	Antibodies targeting Clec9A promote strong humoral immunity without adjuvant in mice and non-human primates. <i>European Journal of Immunology</i> , 2015 , 45, 854-64	6.1	60
118	The molecular signature of CD8+ T cells undergoing deletional tolerance. <i>Blood</i> , 2009 , 113, 4575-85	2.2	60
117	CD36 is differentially expressed by CD8+ splenic dendritic cells but is not required for cross-presentation in vivo. <i>Journal of Immunology</i> , 2002 , 168, 6066-70	5.3	60
116	Targeting Dendritic Cells in vivo for Cancer Therapy. <i>Frontiers in Immunology</i> , 2012 , 3, 13	8.4	58
115	Infection Programs Sustained Lymphoid Stromal Cell Responses and Shapes Lymph Node Remodeling upon Secondary Challenge. <i>Cell Reports</i> , 2017 , 18, 406-418	10.6	57
114	Latent infection with herpes simplex virus is associated with ongoing CD8+ T-cell stimulation by parenchymal cells within sensory ganglia. <i>Journal of Virology</i> , 2005 , 79, 14843-51	6.6	56
113	Cutting edge: local recall responses by memory T cells newly recruited to peripheral nonlymphoid tissues. <i>Journal of Immunology</i> , 2008 , 181, 5837-41	5.3	53
112	Cell-type-specific recognition of allogeneic cells by alloreactive cytotoxic T cells: a consequence of peptide-dependent allorecognition. <i>European Journal of Immunology</i> , 1991 , 21, 153-9	6.1	53
111	CD8+ T cells from a novel T cell receptor transgenic mouse induce liver-stage immunity that can be boosted by blood-stage infection in rodent malaria. <i>PLoS Pathogens</i> , 2014 , 10, e1004135	7.6	52
110	Bone marrow-derived cells expand memory CD8+ T cells in response to viral infections of the lung and skin. <i>European Journal of Immunology</i> , 2006 , 36, 327-35	6.1	52
109	A bone marrow-derived APC in the gut-associated lymphoid tissue captures oral antigens and presents them to both CD4+ and CD8+ T cells. <i>Journal of Immunology</i> , 2000 , 164, 2890-6	5.3	52
108	Helper requirements for generation of effector CTL to islet beta cell antigens. <i>Journal of Immunology</i> , 2004 , 172, 5420-6	5.3	51
107	Maintenance of T cell function in the face of chronic antigen stimulation and repeated reactivation for a latent virus infection. <i>Journal of Immunology</i> , 2012 , 188, 2173-8	5.3	50
106	Targeting Antigen to Clec9A Primes Follicular Th Cell Memory Responses Capable of Robust Recall. <i>Journal of Immunology</i> , 2015 , 195, 1006-14	5.3	49
105	Cerebral Malaria in Mouse and Man. <i>Frontiers in Immunology</i> , 2018 , 9, 2016	8.4	49
104	Distinct resident and recirculating memory T cell subsets in non-lymphoid tissues. <i>Current Opinion in Immunology</i> , 2013 , 25, 329-33	7.8	48

103	Cutting edge: prolonged antigen presentation after herpes simplex virus-1 skin infection. <i>Journal of Immunology</i> , 2004 , 173, 2241-4	5.3	48
102	Mucosal antigen primes diabetogenic cytotoxic T-lymphocytes regardless of dose or delivery route. <i>Diabetes</i> , 2001 , 50, 771-5	0.9	48
101	Antigen-specific CD8+ T cell subset distribution in lymph nodes draining the site of herpes simplex virus infection. <i>European Journal of Immunology</i> , 1997 , 27, 2310-6	6.1	46
100	Distinct APC subtypes drive spatially segregated CD4+ and CD8+ T-cell effector activity during skin infection with HSV-1. <i>PLoS Pathogens</i> , 2014 , 10, e1004303	7.6	45
99	CD8 T Cell Activation Leads to Constitutive Formation of Liver Tissue-Resident Memory T Cells that Seed a Large and Flexible Niche in the Liver. <i>Cell Reports</i> , 2018 , 25, 68-79.e4	10.6	45
98	Cross-presentation of antigens by dendritic cells. <i>Critical Reviews in Immunology</i> , 2002 , 22, 439-48	1.8	45
97	Proteomic and metabolomic analyses of mitochondrial complex I-deficient mouse model generated by spontaneous B2 short interspersed nuclear element (SINE) insertion into NADH dehydrogenase (ubiquinone) Fe-S protein 4 (Ndufs4) gene. <i>Journal of Biological Chemistry</i> , 2012 , 287, 20652-63	5.4	42
96	The clonal selection theory: 50 years since the revolution. <i>Nature Immunology</i> , 2007 , 8, 1019-26	19.1	42
95	Multiple dendritic cell populations activate CD4+ T cells after viral stimulation. <i>PLoS ONE</i> , 2008 , 3, e16913.7	3.7	42
94	The threshold for autoimmune T cell killing is influenced by B7-1. <i>European Journal of Immunology</i> , 1998 , 28, 949-60	6.1	40
93	T Cell Help Amplifies Innate Signals in CD8(+) DCs for Optimal CD8(+) T Cell Priming. <i>Cell Reports</i> , 2016 , 14, 586-597	10.6	39
92	Blood-stage Plasmodium berghei infection generates a potent, specific CD8+ T-cell response despite residence largely in cells lacking MHC I processing machinery. <i>Journal of Infectious Diseases</i> , 2011 , 204, 1989-96	7	38
91	Blood-stage Plasmodium berghei infection leads to short-lived parasite-associated antigen presentation by dendritic cells. <i>European Journal of Immunology</i> , 2010 , 40, 1674-81	6.1	37
90	Too dangerous to ignore: self-tolerance and the control of ignorant autoreactive T cells. <i>Immunology and Cell Biology</i> , 2008 , 86, 146-52	5	37
89	The role of dendritic cell subsets in immunity to viruses. <i>Current Opinion in Immunology</i> , 2003 , 15, 416-20.7.8	7.8	37
88	Autoimmunity caused by ignorant CD8+ T cells is transient and depends on avidity. <i>Journal of Immunology</i> , 1995 , 155, 2339-49	5.3	37
87	Differential expression of pathogen-recognition molecules between dendritic cell subsets revealed by plasma membrane proteomic analysis. <i>Molecular Immunology</i> , 2010 , 47, 1765-73	4.3	35
86	Outside looking in: the inner workings of the cross-presentation pathway within dendritic cells. <i>Trends in Immunology</i> , 2007 , 28, 45-7	14.4	35

85	Transient blockade of CD40 ligand dissociates pathogenic from protective mucosal immunity. <i>Journal of Clinical Investigation</i> , 2002 , 109, 261-267	15.9	35
84	Peptide antagonists that promote positive selection are inefficient at T cell activation and thymocyte deletion. <i>European Journal of Immunology</i> , 1994 , 24, 2452-6	6.1	34
83	Down-modulation of CD8 beta-chain in response to an altered peptide ligand enables developing thymocytes to escape negative selection. <i>Cellular Immunology</i> , 1997 , 175, 111-9	4.4	33
82	A role for plasmacytoid dendritic cells in the rapid IL-18-dependent activation of NK cells following HSV-1 infection. <i>European Journal of Immunology</i> , 2007 , 37, 1334-42	6.1	33
81	CD4+ T cells can protect APC from CTL-mediated elimination. <i>Journal of Immunology</i> , 2006 , 176, 7379-84	5.3	33
80	Herpes simplex virus type 1-specific cytotoxic T-lymphocyte arming occurs within lymph nodes draining the site of cutaneous infection. <i>Journal of Virology</i> , 2000 , 74, 2414-9	6.6	33
79	Antibody responses initiated by Clec9A-bearing dendritic cells in normal and Batf3(-/-) mice. <i>Molecular Immunology</i> , 2012 , 50, 9-17	4.3	32
78	The early expression of glycoprotein B from herpes simplex virus can be detected by antigen-specific CD8+ T cells. <i>Journal of Virology</i> , 2003 , 77, 2445-51	6.6	32
77	Antigen presentation by dendritic cells for B cell activation. <i>Current Opinion in Immunology</i> , 2019 , 58, 44-52	7.8	30
76	Autoimmune regulator controls T cell help for pathogenetic autoantibody production in collagen-induced arthritis. <i>Arthritis and Rheumatism</i> , 2009 , 60, 1683-93		28
75	CTL response compensation for the loss of an immunodominant class I-restricted HSV-1 determinant. <i>Immunology and Cell Biology</i> , 2006 , 84, 543-50	5	28
74	Protective immunity to liver-stage malaria. <i>Clinical and Translational Immunology</i> , 2016 , 5, e105	6.8	27
73	The use of carboxyfluorescein diacetate succinimidyl ester to determine the site, duration and cell type responsible for antigen presentation in vivo. <i>Immunology and Cell Biology</i> , 1999 , 77, 539-43	5	27
72	Avidity for antigen can influence the helper dependence of CD8+ T lymphocytes. <i>Journal of Immunology</i> , 1993 , 151, 5993-6001	5.3	27
71	Intrahepatic activation of naive CD4+ T cells by liver-resident phagocytic cells. <i>Journal of Immunology</i> , 2014 , 193, 2087-95	5.3	24
70	Cutting edge: central memory T cells do not show accelerated proliferation or tissue infiltration in response to localized herpes simplex virus-1 infection. <i>Journal of Immunology</i> , 2006 , 177, 1411-5	5.3	24
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