

# Stephen C Jameson

## List of Publications by Citations

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168  
papers

21,198  
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70  
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g-index

199  
ext. papers

23,914  
ext. citations

16  
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6.97  
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#	Paper	IF	Citations
168	T cell receptor antagonist peptides induce positive selection. <i>Cell</i> , <b>1994</b> , 76, 17-27	56.2	2206
167	Interleukin-7 mediates the homeostasis of naïve and memory CD8 T cells in vivo. <i>Nature Immunology</i> , <b>2000</b> , 1, 426-32	19.1	1310
166	Positive and negative selection of T cells. <i>Annual Review of Immunology</i> , <b>2003</b> , 21, 139-76	34.7	1178
165	Naive CD4(+) T cell frequency varies for different epitopes and predicts repertoire diversity and response magnitude. <i>Immunity</i> , <b>2007</b> , 27, 203-13	32.3	728
164	Normalizing the environment recapitulates adult human immune traits in laboratory mice. <i>Nature</i> , <b>2016</b> , 532, 512-6	50.4	590
163	Selective development of CD4+ T cells in transgenic mice expressing a class II MHC-restricted antigen receptor. <i>Nature</i> , <b>1989</b> , 341, 746-9	50.4	570
162	T-cell-receptor affinity and thymocyte positive selection. <i>Nature</i> , <b>1996</b> , 381, 616-20	50.4	542
161	Positive selection of thymocytes. <i>Annual Review of Immunology</i> , <b>1995</b> , 13, 93-126	34.7	512
160	Maintaining the norm: T-cell homeostasis. <i>Nature Reviews Immunology</i> , <b>2002</b> , 2, 547-56	36.5	488
159	Central tolerance: learning self-control in the thymus. <i>Nature Reviews Immunology</i> , <b>2005</b> , 5, 772-82	36.5	487
158	Transcriptional downregulation of S1pr1 is required for the establishment of resident memory CD8+ T cells. <i>Nature Immunology</i> , <b>2013</b> , 14, 1285-93	19.1	459
157	Kruppel-like factor 2 regulates thymocyte and T-cell migration. <i>Nature</i> , <b>2006</b> , 442, 299-302	50.4	400
156	Steady-state production of IL-4 modulates immunity in mouse strains and is determined by lineage diversity of iNKT cells. <i>Nature Immunology</i> , <b>2013</b> , 14, 1146-54	19.1	387
155	Homeostatic expansion and phenotypic conversion of naïve T cells in response to self peptide/MHC ligands. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1999</b> , 96, 13306-11	14.5	292
154	Diversity in T cell memory: an embarrassment of riches. <i>Immunity</i> , <b>2009</b> , 31, 859-71	32.3	282
153	Naive T cell homeostasis: from awareness of space to a sense of place. <i>Nature Reviews Immunology</i> , <b>2009</b> , 9, 823-32	36.5	277
152	Ham-2 corrects the class I antigen-processing defect in RMA-S cells. <i>Nature</i> , <b>1992</b> , 355, 647-9	50.4	272

151	T cell receptor antagonists and partial agonists. <i>Immunity</i> , <b>1995</b> , 2, 1-11	32.3	267
150	Clone-specific T cell receptor antagonists of major histocompatibility complex class I-restricted cytotoxic T cells. <i>Journal of Experimental Medicine</i> , <b>1993</b> , 177, 1541-50	16.6	258
149	The antigen-specific CD8+ T cell repertoire in unimmunized mice includes memory phenotype cells bearing markers of homeostatic expansion. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 435-48	16.6	237
148	Selection of self-reactive T cells in the thymus. <i>Annual Review of Immunology</i> , <b>2012</b> , 30, 95-114	34.7	232
147	Critical role for CD8 in T cell receptor binding and activation by peptide/major histocompatibility complex multimers. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 191, 335-46	16.6	224
146	Sweet & Sour: the impact of differential glycosylation on T cell responses. <i>Nature Immunology</i> , <b>2002</b> , 3, 903-10	19.1	220
145	Understanding Subset Diversity in T Cell Memory. <i>Immunity</i> , <b>2018</b> , 48, 214-226	32.3	215
144	The impact of duration versus extent of TCR occupancy on T cell activation: a revision of the kinetic proofreading model. <i>Immunity</i> , <b>2001</b> , 15, 59-70	32.3	197
143	Specificity and flexibility in thymic selection. <i>Nature</i> , <b>1994</b> , 369, 750-2	50.4	197
142	T cells expressing the transcription factor PLZF regulate the development of memory-like CD8+ T cells. <i>Nature Immunology</i> , <b>2010</b> , 11, 709-16	19.1	192
141	Qualitative and quantitative differences in T cell receptor binding of agonist and antagonist ligands. <i>Immunity</i> , <b>1999</b> , 10, 227-37	32.3	189
140	In vivo survival and homeostatic proliferation of natural killer cells. <i>Journal of Experimental Medicine</i> , <b>2003</b> , 197, 967-76	16.6	188
139	Effector-like CD8+ T cells in the memory population mediate potent protective immunity. <i>Immunity</i> , <b>2013</b> , 38, 1250-60	32.3	176
138	The generation of protective memory-like CD8+ T cells during homeostatic proliferation requires CD4+ T cells. <i>Nature Immunology</i> , <b>2006</b> , 7, 475-81	19.1	176
137	Preselection thymocytes are more sensitive to T cell receptor stimulation than mature T cells. <i>Journal of Experimental Medicine</i> , <b>1998</b> , 188, 1867-74	16.6	174
136	The self-obsession of T cells: how TCR signaling thresholds affect fate decisions and effector function. <i>Nature Immunology</i> , <b>2014</b> , 15, 815-23	19.1	171
135	Distinct effects of STAT5 activation on CD4+ and CD8+ T cell homeostasis: development of CD4+CD25+ regulatory T cells versus CD8+ memory T cells. <i>Journal of Immunology</i> , <b>2003</b> , 171, 5853-64	5.3	171
134	Tissue-Specific Distribution of iNKT Cells Impacts Their Cytokine Response. <i>Immunity</i> , <b>2015</b> , 43, 566-78	32.3	167

133	Programming for CD8 T cell memory development requires IL-12 or type I IFN. <i>Journal of Immunology</i> , <b>2009</b> , 182, 2786-94	5.3	166
132	KLF2 transcription-factor deficiency in T cells results in unrestrained cytokine production and upregulation of bystander chemokine receptors. <i>Immunity</i> , <b>2009</b> , 31, 122-30	32.3	157
131	Identification of a naturally occurring ligand for thymic positive selection. <i>Immunity</i> , <b>1997</b> , 6, 389-99	32.3	156
130	Cutting edge: transpresentation of IL-15 by bone marrow-derived cells necessitates expression of IL-15 and IL-15R alpha by the same cells. <i>Journal of Immunology</i> , <b>2004</b> , 173, 6537-41	5.3	156
129	CD8 binding to MHC class I molecules is influenced by T cell maturation and glycosylation. <i>Immunity</i> , <b>2001</b> , 15, 1051-61	32.3	152
128	Different T cell receptor signals determine CD8+ memory versus effector development. <i>Science</i> , <b>2009</b> , 323, 502-5	33.3	151
127	Strong agonist ligands for the T cell receptor do not mediate positive selection of functional CD8+ T cells. <i>Immunity</i> , <b>1995</b> , 3, 79-86	32.3	145
126	Sequential Infection with Common Pathogens Promotes Human-like Immune Gene Expression and Altered Vaccine Response. <i>Cell Host and Microbe</i> , <b>2016</b> , 19, 713-9	23.4	144
125	The TCR's sensitivity to self peptide-MHC dictates the ability of naive CD8(+) T cells to respond to foreign antigens. <i>Nature Immunology</i> , <b>2015</b> , 16, 107-17	19.1	136
124	T-cell selection. <i>Current Opinion in Immunology</i> , <b>1998</b> , 10, 214-9	7.8	135
123	Of Mice, Dirty Mice, and Men: Using Mice To Understand Human Immunology. <i>Journal of Immunology</i> , <b>2017</b> , 199, 383-388	5.3	131
122	The timing of TCR alpha expression critically influences T cell development and selection. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 111-21	16.6	130
121	The purinergic receptor P2RX7 directs metabolic fitness of long-lived memory CD8 T cells. <i>Nature</i> , <b>2018</b> , 559, 264-268	50.4	128
120	Multiple choices: regulation of memory CD8 T cell generation and homeostasis by interleukin (IL)-7 and IL-15. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 195, F49-52	16.6	127
119	Cutting edge: In situ tetramer staining of antigen-specific T cells in tissues. <i>Journal of Immunology</i> , <b>2000</b> , 165, 613-7	5.3	121
118	Murine thymic selection quantified using a unique method to capture deleted T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 4679-84	11.5	120
117	Dissection of major histocompatibility complex (MHC) and T cell receptor contact residues in a Kb-restricted ovalbumin peptide and an assessment of the predictive power of MHC-binding motifs. <i>European Journal of Immunology</i> , <b>1992</b> , 22, 2663-7	6.1	113
116	Peptide-induced conformational changes in class I heavy chains alter major histocompatibility complex recognition. <i>Journal of Experimental Medicine</i> , <b>1992</b> , 176, 1757-61	16.6	109

115	The transcription factor KLF2 restrains CD4+ T follicular helper cell differentiation. <i>Immunity</i> , <b>2015</b> , 42, 252-264	32.3	105
114	Alternative memory in the CD8 T cell lineage. <i>Trends in Immunology</i> , <b>2011</b> , 32, 50-6	14.4	105
113	Competition for self ligands restrains homeostatic proliferation of naive CD4 T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 1185-90	11.5	103
112	Homeostatic expansion occurs independently of costimulatory signals. <i>Journal of Immunology</i> , <b>2001</b> , 167, 5664-8	5.3	103
111	T cell homeostasis: keeping useful T cells alive and live T cells useful. <i>Seminars in Immunology</i> , <b>2005</b> , 17, 231-7	10.7	99
110	Langerin expressing cells promote skin immune responses under defined conditions. <i>Journal of Immunology</i> , <b>2008</b> , 180, 4722-7	5.3	98
109	Derivation and maintenance of virtual memory CD8 T cells. <i>Journal of Immunology</i> , <b>2012</b> , 188, 2516-23	5.3	95
108	Late stages of T cell maturation in the thymus involve NF- $\kappa$ B and tonic type I interferon signaling. <i>Nature Immunology</i> , <b>2016</b> , 17, 565-73	19.1	95
107	IL-12 enhances CD8 T cell homeostatic expansion. <i>Journal of Immunology</i> , <b>2001</b> , 166, 5515-21	5.3	90
106	Virtual memory CD8 T cells display unique functional properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 13498-503	11.5	87
105	Detuning CD8 T cells: down-regulation of CD8 expression, tetramer binding, and response during CTL activation. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 2667-77	16.6	86
104	Rare, structurally homologous self-peptides promote thymocyte positive selection. <i>Immunity</i> , <b>2002</b> , 17, 131-42	32.3	81
103	Innate memory T cells. <i>Advances in Immunology</i> , <b>2015</b> , 126, 173-213	5.6	75
102	Utility of membrane preconcentration-capillary electrophoresis-mass spectrometry in overcoming limited sample loading for analysis of biologically derived drug metabolites, peptides, and proteins. <i>Journal of the American Society for Mass Spectrometry</i> , <b>1997</b> , 8, 15-24	3.5	75
101	The fourth way? Harnessing aggressive tendencies in the thymus. <i>Journal of Immunology</i> , <b>2004</b> , 173, 6515-20	5.3	75
100	Lineage-Specific Effector Signatures of Invariant NKT Cells Are Shared amongst $\gamma\delta$ , Innate Lymphoid, and Th Cells. <i>Journal of Immunology</i> , <b>2016</b> , 197, 1460-70	5.3	75
99	Hemodynamic Forces Sculpt Developing Heart Valves through a KLF2-WNT9B Paracrine Signaling Axis. <i>Developmental Cell</i> , <b>2017</b> , 43, 274-289.e5	10.2	70
98	Thymoproteasome subunit- $\beta$ T generates peptide-MHC complexes specialized for positive selection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2013</b> , 110, 6979-84	11.5	70

97	Kröppel-like factor 2 (KLF2) regulates B-cell reactivity, subset differentiation, and trafficking molecule expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 716-21	11.5	67
96	Selecting the T cell receptor repertoire. <i>Science</i> , <b>1994</b> , 264, 796-7	33.3	66
95	VISTA is a checkpoint regulator for naïve T cell quiescence and peripheral tolerance. <i>Science</i> , <b>2020</b> , 367,	33.3	63
94	IL-15 regulates both quantitative and qualitative features of the memory CD8 T cell pool. <i>Journal of Immunology</i> , <b>2010</b> , 184, 35-44	5.3	63
93	Selective regulation of CD8 effector T cell migration by the p110 gamma isoform of phosphatidylinositol 3-kinase. <i>Journal of Immunology</i> , <b>2008</b> , 180, 2081-8	5.3	60
92	Senolytics reduce coronavirus-related mortality in old mice. <i>Science</i> , <b>2021</b> , 373,	33.3	60
91	The Functional Requirement for CD69 in Establishment of Resident Memory CD8 T Cells Varies with Tissue Location. <i>Journal of Immunology</i> , <b>2019</b> , 203, 946-955	5.3	59
90	Preexisting high frequencies of memory CD8+ T cells favor rapid memory differentiation and preservation of proliferative potential upon boosting. <i>Immunity</i> , <b>2013</b> , 39, 171-83	32.3	59
89	Self-class I MHC molecules support survival of naïve CD8 T cells, but depress their functional sensitivity through regulation of CD8 expression levels. <i>Journal of Experimental Medicine</i> , <b>2009</b> , 206, 2253-69	16.6	59
88	CD8 <sup>+</sup> intraepithelial lymphocytes arise from two main thymic precursors. <i>Nature Immunology</i> , <b>2017</b> , 18, 771-779	19.1	58
87	Kruppel-like factor 2 protects against ischemic stroke by regulating endothelial blood brain barrier function. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2013</b> , 304, H796-805	5.2	57
86	IL-15 is required for sustained lymphopenia-driven proliferation and accumulation of CD8 T cells. <i>Journal of Immunology</i> , <b>2007</b> , 179, 120-5	5.3	56
85	T Cell Memory: Understanding COVID-19. <i>Immunity</i> , <b>2021</b> , 54, 14-18	32.3	55
84	TCR affinity for thymoproteasome-dependent positively selecting peptides conditions antigen responsiveness in CD8(+) T cells. <i>Nature Immunology</i> , <b>2015</b> , 16, 1069-76	19.1	51
83	The ligand for positive selection of T lymphocytes in the thymus. <i>Current Opinion in Immunology</i> , <b>1994</b> , 6, 273-8	7.8	51
82	Rapid loading of large sample volumes, analyte cleanup, and modified moving boundary transient isotachopheresis conditions for membrane preconcentration-capillary electrophoresis in small diameter capillaries. <i>Electrophoresis</i> , <b>1996</b> , 17, 1801-7	3.6	50
81	A spontaneous CD8 T cell-dependent autoimmune disease to an antigen expressed under the human keratin 14 promoter. <i>Journal of Immunology</i> , <b>2002</b> , 169, 2141-7	5.3	49
80	Role of 2CT cell receptor residues in the binding of self- and allo-major histocompatibility complexes. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 191, 1355-64	16.6	48

79	CD8 T cell quiescence revisited. <i>Trends in Immunology</i> , <b>2012</b> , 33, 224-30	14.4	47
78	A role for CD28 in lymphopenia-induced proliferation of CD4 T cells. <i>Journal of Immunology</i> , <b>2004</b> , 173, 3909-15	5.3	47
77	Thymocyte sensitivity and supramolecular activation cluster formation are developmentally regulated: a partial role for sialylation. <i>Journal of Immunology</i> , <b>2003</b> , 171, 4512-20	5.3	45
76	Microbial Exposure Enhances Immunity to Pathogens Recognized by TLR2 but Increases Susceptibility to Cytokine Storm through TLR4 Sensitization. <i>Cell Reports</i> , <b>2019</b> , 28, 1729-1743.e5	10.6	43
75	Cloning and expression of class I major histocompatibility complex genes of the rat. <i>Journal of Experimental Medicine</i> , <b>1992</b> , 175, 1749-57	16.6	42
74	Strategy for isolating and sequencing biologically derived MHC class I peptides. <i>Journal of Chromatography A</i> , <b>1996</b> , 744, 273-8	4.5	40
73	Kruppel-like factor 2 is required for trafficking but not quiescence in postactivated T cells. <i>Journal of Immunology</i> , <b>2011</b> , 186, 775-83	5.3	39
72	Kr�ppel-like factors in lymphocyte biology. <i>Journal of Immunology</i> , <b>2012</b> , 188, 521-6	5.3	38
71	Kr�ppel-like factor 2 regulates trafficking and homeostasis of gammadelta T cells. <i>Journal of Immunology</i> , <b>2010</b> , 184, 6060-6	5.3	37
70	Enhanced sensitivity for sequence determination of major histocompatibility complex class I peptides by membrane preconcentration-capillary electrophoresis-microspray-tandem mass spectrometry. <i>Electrophoresis</i> , <b>1998</b> , 19, 2207-12	3.6	36
69	Epidermal Langerhans cells are not required for UV-induced immunosuppression. <i>Journal of Immunology</i> , <b>2009</b> , 183, 5548-53	5.3	35
68	IL-4 sensitivity shapes the peripheral CD8+ T cell pool and response to infection. <i>Journal of Experimental Medicine</i> , <b>2016</b> , 213, 1319-29	16.6	34
67	Positive selection optimizes the number and function of MHCII-restricted CD4+ T cell clones in the naive polyclonal repertoire. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 11241-5	11.5	34
66	Danger-associated extracellular ATP counters MDSC therapeutic efficacy in acute GVHD. <i>Blood</i> , <b>2019</b> , 134, 1670-1682	2.2	33
65	ZipSeq: barcoding for real-time mapping of single cell transcriptomes. <i>Nature Methods</i> , <b>2020</b> , 17, 833-843	11.6	33
64	A low affinity TCR ligand restores positive selection of CD8+ T cells in vivo. <i>Journal of Immunology</i> , <b>2001</b> , 166, 6602-7	5.3	33
63	Immunology. A chronic need for IL-21. <i>Science</i> , <b>2009</b> , 324, 1525-6	33.3	32
62	The nature of the lymphopenic environment dictates protective function of homeostatic-memory CD8+ T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 18484-9	11.5	31



61	Homeostatic expansion versus antigen-driven proliferation: common ends by different means?. <i>Microbes and Infection</i> , <b>2002</b> , 4, 531-7	9.3	31
60	Variable binding affinities of listeriolysin O peptides for the H-2Kd class I molecule. <i>European Journal of Immunology</i> , <b>1993</b> , 23, 2005-10	6.1	31
59	Interleukin-15 Complex Treatment Protects Mice from Cerebral Malaria by Inducing Interleukin-10-Producing Natural Killer Cells. <i>Immunity</i> , <b>2018</b> , 48, 760-772.e4	32.3	30
58	CD4+CD25+Foxp3+ regulatory T cells optimize diversity of the conventional T cell repertoire during reconstitution from lymphopenia. <i>Journal of Immunology</i> , <b>2010</b> , 184, 4749-60	5.3	30
57	IL-2 complex treatment can protect naive mice from bacterial and viral infection. <i>Journal of Immunology</i> , <b>2010</b> , 185, 6584-90	5.3	28
56	Cutting edge: LFA-1 integrin-dependent T cell adhesion is regulated by both ag specificity and sensitivity. <i>Journal of Immunology</i> , <b>2004</b> , 173, 2222-6	5.3	27
55	New Insights into the Immune System Using Dirty Mice. <i>Journal of Immunology</i> , <b>2020</b> , 205, 3-11	5.3	26
54	Cholera toxin activates nonconventional adjuvant pathways that induce protective CD8 T-cell responses after epicutaneous vaccination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 2072-7	11.5	26
53	Loss of CD8 and TCR binding to Class I MHC ligands following T cell activation. <i>International Immunology</i> , <b>2005</b> , 17, 1607-17	4.9	26
52	A thymic epithelial cell line induces both positive and negative selection in the thymus. <i>International Immunology</i> , <b>1994</b> , 6, 239-46	4.9	26
51	Sensing of ATP via the Purinergic Receptor P2RX7 Promotes CD8 Trm Cell Generation by Enhancing Their Sensitivity to the Cytokine TGF- $\beta$ . <i>Immunity</i> , <b>2020</b> , 53, 158-171.e6	32.3	25
50	T cell receptor (TCR) recognition of MHC class I variants: intermolecular second-site reversion provides evidence for peptide/MHC conformational variation. <i>Journal of Experimental Medicine</i> , <b>1996</b> , 184, 253-8	16.6	25
49	ARTC2.2/P2RX7 Signaling during Cell Isolation Distorts Function and Quantification of Tissue-Resident CD8 T Cell and Invariant NKT Subsets. <i>Journal of Immunology</i> , <b>2019</b> , 202, 2153-2163	5.3	25
48	Characteristics of NK cell migration early after vaccinia infection. <i>Journal of Immunology</i> , <b>2005</b> , 175, 2152-3	5.3	24
47	Profound alteration in an alpha beta T-cell antigen receptor repertoire due to polymorphism in the first complementarity-determining region of the beta chain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1991</b> , 88, 10267-71	11.5	24
46	TGF- $\beta$ sensitivity restrains CD8+ T cell homeostatic proliferation by enforcing sensitivity to IL-7 and IL-15. <i>PLoS ONE</i> , <b>2012</b> , 7, e42268	3.7	22
45	Receptor sensitivity: when T cells lose their sense of self. <i>Current Biology</i> , <b>2003</b> , 13, R239-41	6.3	20
44	Postselection thymocyte maturation and emigration are independent of IL-7 and ERK5. <i>Journal of Immunology</i> , <b>2011</b> , 186, 1343-7	5.3	19



43	Differential role for IL-7 in inducing lung Kruppel-like factor (Kruppel-like factor 2) expression by naive versus activated T cells. <i>International Immunology</i> , <b>2003</b> , 15, 1341-8	4.9	18
42	Self-specific CD8+ T cells maintain a semi-naive state following lymphopenia-induced proliferation. <i>Journal of Immunology</i> , <b>2010</b> , 184, 5604-11	5.3	17
41	Myeloid cells activate iNKT cells to produce IL-4 in the thymic medulla. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2019</b> , 116, 22262-22268	11.5	17
40	Cutting edge: The signals for the generation of T cell memory are qualitatively different depending on TCR ligand strength. <i>Journal of Immunology</i> , <b>2013</b> , 191, 5797-801	5.3	16
39	The CD8 T cell response to vaccinia virus exhibits site-dependent heterogeneity of functional responses. <i>International Immunology</i> , <b>2007</b> , 19, 733-43	4.9	16
38	NK Cell IL-10 Production Requires IL-15 and IL-10 Driven STAT3 Activation. <i>Frontiers in Immunology</i> , <b>2019</b> , 10, 2087	8.4	15
37	CD8(+) T cell differentiation: choosing a path through T-bet. <i>Immunity</i> , <b>2007</b> , 27, 180-2	32.3	15
36	Location of the epitope for an anti-CD8alpha antibody 53.6.7 which enhances CD8alpha-MHC class I interaction indicates antibody stabilization of a higher affinity CD8 conformation. <i>Immunology Letters</i> , <b>2004</b> , 93, 123-30	4.1	15
35	Characterizing the impact of CD8 antibodies on class I MHC multimer binding. <i>Journal of Immunology</i> , <b>2005</b> , 174, 3986-91	5.3	14
34	The sialyltransferase ST3Gal-I is not required for regulation of CD8-class I MHC binding during T cell development. <i>Journal of Immunology</i> , <b>2006</b> , 176, 7421-30	5.3	13
33	Embracing microbial exposure in mouse research. <i>Journal of Leukocyte Biology</i> , <b>2019</b> , 105, 73-79	6.5	13
32	What Is the Predictive Value of Animal Models for Vaccine Efficacy in Humans? Reevaluating the Potential of Mouse Models for the Human Immune System. <i>Cold Spring Harbor Perspectives in Biology</i> , <b>2018</b> , 10,	10.2	12
31	Positive selection is limited by available peptide-dependent MHC conformations. <i>Journal of Immunology</i> , <b>2000</b> , 164, 3519-26	5.3	12
30	CD8 T cell memory: it takes all kinds. <i>Frontiers in Immunology</i> , <b>2012</b> , 3, 353	8.4	11
29	Sphingosine 1-phosphate receptor 5 (S1PR5) regulates the peripheral retention of tissue-resident lymphocytes. <i>Journal of Experimental Medicine</i> , <b>2022</b> , 219,	16.6	11
28	Keeping STATs on memory CD8+ T cells. <i>Immunity</i> , <b>2011</b> , 35, 663-5	32.3	10
27	A divalent major histocompatibility complex/IgG1 fusion protein induces antigen-specific T cell activation in vitro and in vivo. <i>Cellular Immunology</i> , <b>1999</b> , 192, 54-62	4.4	10
26	T cell receptor antagonism in vivo, at last. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1998</b> , 95, 14001-2	11.5	8

25	Self-Regulation of Memory CD8 T Cell Metabolism through Extracellular ATP Signaling. <i>Immunometabolism</i> , <b>2019</b> , 1,	4.1	7
24	Classical MHC expression by DP thymocytes impairs the selection of non-classical MHC restricted innate-like T cells. <i>Nature Communications</i> , <b>2021</b> , 12, 2308	17.4	6
23	Cutting edge: Kr $\beta$ pel-like factor 2 is required for phenotypic maintenance but not development of B1 B cells. <i>Journal of Immunology</i> , <b>2012</b> , 189, 3293-7	5.3	5
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