Mitchell Kronenberg

List of Publications by Citations

281 papers	30,601 citations	88 h-index	170 g-index
304 ext. papers	33,324 ext. citations	13.1 avg, IF	6.97 L-index

#	Paper	IF	Citations
281	Reciprocal TH17 and regulatory T cell differentiation mediated by retinoic acid. *Science*, **2007**, 317, 256-60	33.3	1550
280	NKT cells: what's in a name?. *Nature Reviews Immunology*, **2004**, 4, 231-7	36.5	931
279	Toward an understanding of NKT cell biology: progress and paradoxes. *Annual Review of Immunology*, **2005**, 23, 877-900	34.7	844
278	Recognition of bacterial glycosphingolipids by natural killer T cells. *Nature*, **2005**, 434, 520-5	50.4	784
277	Tracking the response of natural killer T cells to a glycolipid antigen using CD1d tetramers. *Journal of Experimental Medicine*, **2000**, 192, 741-54	16.6	743
276	Interleukin 10 acts on regulatory T cells to maintain expression of the transcription factor Foxp3 and suppressive function in mice with colitis. *Nature Immunology*, **2009**, 10, 1178-84	19.1	634
275	The unconventional lifestyle of NKT cells. *Nature Reviews Immunology*, **2002**, 2, 557-68	36.5	628
274	Going both ways: Immune regulation via CD1d-dependent NKT cells. *Journal of Clinical Investigation* , **2004**, 114, 1379-1388	15.9	621
273	Essential role of NKT cells producing IL-4 and IL-13 in the development of allergen-induced airway hyperreactivity. *Nature Medicine*, **2003**, 9, 582-8	50.5	588
272	CD1d-mediated recognition of an alpha-galactosylceramide by natural killer T cells is highly conserved through mammalian evolution. *Journal of Experimental Medicine*, **1998**, 188, 1521-8	16.6	554
271	Activation of natural killer T cells by alpha-galactosylceramide treatment prevents the onset and recurrence of autoimmune Type 1 diabetes. *Nature Medicine*, **2001**, 7, 1057-62	50.5	546
270	Natural killer T cells recognize diacylglycerol antigens from pathogenic bacteria. *Nature Immunology*, **2006**, 7, 978-86	19.1	521
269	The natural killer T-cell ligand alpha-galactosylceramide prevents autoimmune diabetes in non-obese diabetic mice. *Nature Medicine*, **2001**, 7, 1052-6	50.5	501
268	Constitutive cytokine mRNAs mark natural killer (NK) and NK T cells poised for rapid effector function. *Journal of Experimental Medicine*, **2003**, 198, 1069-76	16.6	491
267	Intravascular immune surveillance by CXCR6+ NKT cells patrolling liver sinusoids. *PLoS Biology*, **2005**, 3, e113	9.7	491
266	Prolonged IFN-gamma-producing NKT response induced with alpha-galactosylceramide-loaded DCs. *Nature Immunology*, **2002**, 3, 867-74	19.1	458
265	Specific inhibition of cyclooxygenase 2 restores antitumor reactivity by altering the balance of IL-10 and IL-12 synthesis. *Journal of Immunology*, **2000**, 164, 361-70	5.3	404

264	Mouse T cell antigen receptor: structure and organization of constant and joining gene segments encoding the beta polypeptide. *Cell*, **1984**, 37, 1101-10	56.2	398
263	The unique role of natural killer T cells in the response to microorganisms. *Nature Reviews Microbiology*, **2007**, 5, 405-17	22.2	357
262	CD4+ invariant T-cell-receptor+ natural killer T cells in bronchial asthma. *New England Journal of Medicine*, **2006**, 354, 1117-29	59.2	347
261	Decline in CD28+ T cells in centenarians and in long-term T cell cultures: a possible cause for both in vivo and in vitro immunosenescence. *Experimental Gerontology*, **1994**, 29, 601-9	4.5	324
260	NKT cells derive from double-positive thymocytes that are positively selected by CD1d. *Nature Immunology*, **2001**, 2, 971-8	19.1	319
259	Going both ways: immune regulation via CD1d-dependent NKT cells. *Journal of Clinical Investigation* , **2004**, 114, 1379-88	15.9	309
258	The mannose receptor delivers lipoglycan antigens to endosomes for presentation to T cells by CD1b molecules. *Immunity*, **1997**, 6, 187-97	32.3	293
257	The structure, rearrangement and expression of D beta gene segments of the murine T-cell antigen receptor. *Nature*, **1984**, 311, 344-50	50.4	282
256	Human NKT cells mediate antitumor cytotoxicity directly by recognizing target cell CD1d with bound ligand or indirectly by producing IL-2 to activate NK cells. *Journal of Immunology*, **2001**, 167, 3114-22	5.3	279
255	Natural killer T cell ligand alpha-galactosylceramide enhances protective immunity induced by malaria vaccines. *Journal of Experimental Medicine*, **2002**, 195, 617-24	16.6	278
254	Immunization with alpha-galactosylceramide polarizes CD1-reactive NK T cells towards Th2 cytokine synthesis. *European Journal of Immunology*, **1999**, 29, 2014-25	6.1	277
253	Schistosoma mansoni antigens modulate the activity of the innate immune response and prevent onset of type 1 diabetes. *European Journal of Immunology*, **2003**, 33, 1439-49	6.1	276
252	Impact of Genetic Polymorphisms on Human Immune Cell Gene Expression. *Cell*, **2018**, 175, 1701-1715.e16	36.2	273
251	Cutting edge: invariant V alpha 14 NKT cells are required for allergen-induced airway inflammation and hyperreactivity in an experimental asthma model. *Journal of Immunology*, **2003**, 171, 1637-41	5.3	266
250	Invariant natural killer T cells recognize glycolipids from pathogenic Gram-positive bacteria. *Nature Immunology*, **2011**, 12, 966-74	19.1	259
249	Glycolipid antigen processing for presentation by CD1d molecules. *Science*, **2001**, 291, 664-7	33.3	255
248	Activation of natural killer T cells potentiates or prevents experimental autoimmune encephalomyelitis. *Journal of Experimental Medicine*, **2001**, 194, 1789-99	16.6	254
247	Homeostasis of V alpha 14i NKT cells. *Nature Immunology*, **2002**, 3, 966-74	19.1	253

246	Glycolipid antigen drives rapid expansion and sustained cytokine production by NK T cells. *Journal of Immunology*, **2003**, 171, 4020-7	5.3	250
245	Regulation of immunity by self-reactive T cells. *Nature*, **2005**, 435, 598-604	50.4	243
244	Altered immune responses in interleukin 10 transgenic mice. *Journal of Experimental Medicine*, **1997**, 185, 2101-10	16.6	239
243	RAGE, carboxylated glycans and S100A8/A9 play essential roles in colitis-associated carcinogenesis. *Carcinogenesis*, **2008**, 29, 2035-43	4.6	238
242	Cross-presentation of disialoganglioside GD3 to natural killer T cells. *Journal of Experimental Medicine*, **2003**, 198, 173-81	16.6	236
241	Invariant NKT cells amplify the innate immune response to lipopolysaccharide. *Journal of Immunology*, **2007**, 178, 2706-13	5.3	231
240	Anti-mitochondrial antibodies and primary biliary cirrhosis in TGF-beta receptor II dominant-negative mice. *Journal of Immunology*, **2006**, 177, 1655-60	5.3	210
239	Mouse V alpha 14i natural killer T cells are resistant to cytokine polarization in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 8395-400	11.5	210
238	Transcriptional reprogramming of mature CD4+ helper T cells generates distinct MHC class II-restricted cytotoxic T lymphocytes. *Nature Immunology*, **2013**, 14, 281-9	19.1	204
237	Bacterial glycolipids and analogs as antigens for CD1d-restricted NKT cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 1351-6	11.5	203
236	The T cell receptor beta chain genes are located on chromosome 6 in mice and chromosome 7 in humans. *Cell*, **1984**, 37, 1091-9	56.2	203
235	Constitutive expression of LIGHT on T cells leads to lymphocyte activation, inflammation, and tissue destruction. *Journal of Immunology*, **2001**, 167, 6330-7	5.3	200
234	T cell responses modulated through interaction between CD8alphaalpha and the nonclassical MHC class I molecule, TL. *Science*, **2001**, 294, 1936-9	33.3	196
233	Quantitation and phenotypic analysis of natural killer T cells in primary biliary cirrhosis using a human CD1d tetramer. *Gastroenterology*, **2002**, 123, 1031-43	13.3	192
232	Glycolipid activation of invariant T cell receptor+ NK T cells is sufficient to induce airway hyperreactivity independent of conventional CD4+ T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 2782-7	11.5	180
231	Innate-like functions of natural killer T cell subsets result from highly divergent gene programs. *Nature Immunology*, **2016**, 17, 728-39	19.1	174
230	Rearrangement and transcription of the beta-chain genes of the T-cell antigen receptor in different types of murine lymphocytes. *Nature*, **1985**, 313, 647-53	50.4	171
229	The identification of the endogenous ligands of natural killer T cells reveals the presence of mammalian □linked glycosylceramides. *Immunity*, **2014**, 41, 543-54	32.3	170

228	Molecular interaction of CD1b with lipoglycan antigens. *Immunity*, **1998**, 8, 331-40	32.3	165
227	IL-10-producing NKT10 cells are a distinct regulatory invariant NKT cell subset. *Journal of Clinical Investigation*, **2014**, 124, 3725-40	15.9	163
226	Production of □galactosylceramide by a prominent member of the human gut microbiota. *PLoS Biology*, **2013**, 11, e1001610	9.7	159
225	Precursors of functional MHC class I- or class II-restricted CD8alphaalpha(+) T cells are positively selected in the thymus by agonist self-peptides. *Immunity*, **2002**, 16, 355-64	32.3	156
224	Mesenteric B cells centrally inhibit CD4+ T cell colitis through interaction with regulatory T cell subsets. *Proceedings of the National Academy of Sciences of the United States of America*, **2005**, 102, 2010-5	11.5	155
223	Intestinal microbes affect phenotypes and functions of invariant natural killer T cells in mice. *Gastroenterology*, **2012**, 143, 418-28	13.3	153
222	Disruption of T helper 2-immune responses in Epstein-Barr virus-induced gene 3-deficient mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 16951-6	11.5	149
221	Retinoic acid can directly promote TGF-beta-mediated Foxp3(+) Treg cell conversion of naive T cells. *Immunity*, **2009**, 30, 471-2; author reply 472-3	32.3	145
220	Cutaneous immunization rapidly activates liver invariant Valpha14 NKT cells stimulating B-1 B cells to initiate T cell recruitment for elicitation of contact sensitivity. *Journal of Experimental Medicine*, **2003**, 198, 1785-96	16.6	145
219	Cutting edge: the mechanism of invariant NKT cell responses to viral danger signals. *Journal of Immunology*, **2008**, 181, 4452-6	5.3	143
218	CD4+ CD25+ T cells responding to serologically defined autoantigens suppress antitumor immune responses. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 10902-6	11.5	139
217	Unconventional ligand activation of herpesvirus entry mediator signals cell survival. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 6244-9	11.5	136
216	The alphabeta T cell response to self-glycolipids shows a novel mechanism of CD1b loading and a requirement for complex oligosaccharides. *Immunity*, **2000**, 13, 255-64	32.3	136
215	Binding and antigen presentation of ceramide-containing glycolipids by soluble mouse and human CD1d molecules. *Journal of Experimental Medicine*, **1999**, 190, 1069-80	16.6	136
214	Microsomal triglyceride transfer protein lipidation and control of CD1d on antigen-presenting cells. *Journal of Experimental Medicine*, **2005**, 202, 529-39	16.6	130
213	Tissue-specific functions of invariant natural killer T cells. *Nature Reviews Immunology*, **2018**, 18, 559-574	36.5	129
212	Design of natural killer T cell activators: structure and function of a microbial glycosphingolipid bound to mouse CD1d. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 3972-7	11.5	127
211	CD1d-expressing dendritic cells but not thymic epithelial cells can mediate negative selection of NKT cells. *Journal of Experimental Medicine*, **2003**, 197, 907-18	16.6	118

210	Activation of natural killer T cells in NZB/W mice induces Th1-type immune responses exacerbating lupus. *Journal of Clinical Investigation*, **2003**, 112, 1211-1222	15.9	114
209	The V alpha 14 NKT cell TCR exhibits high-affinity binding to a glycolipid/CD1d complex. *Journal of Immunology*, **2002**, 169, 1340-8	5.3	113
208	Crystal structure of mouse CD1d bound to the self ligand phosphatidylcholine: a molecular basis for NKT cell activation. *Journal of Immunology*, **2005**, 175, 977-84	5.3	109
207	NIK-dependent RelB activation defines a unique signaling pathway for the development of V alpha 14i NKT cells. *Journal of Experimental Medicine*, **2003**, 197, 1623-33	16.6	108
206	Hepatic stellate cells function as regulatory bystanders. *Journal of Immunology*, **2011**, 186, 5549-55	5.3	107
205	A crucial role for HVEM and BTLA in preventing intestinal inflammation. *Journal of Experimental Medicine*, **2008**, 205, 1463-76	16.6	106
204	Mouse TCRalphabeta+CD8alphaalpha intraepithelial lymphocytes express genes that down-regulate their antigen reactivity and suppress immune responses. *Journal of Immunology*, **2007**, 178, 4230-9	5.3	106
203	Cutting edge: CD4+CD25+ regulatory T cells impaired for intestinal homing can prevent colitis. *Journal of Immunology*, **2005**, 174, 7487-91	5.3	106
202	Commensal microbiota and CD8+ T cells shape the formation of invariant NKT cells. *Journal of Immunology*, **2010**, 184, 1218-26	5.3	104
201	Natural killer T cells: natural or unnatural regulators of autoimmunity?. *Current Opinion in Immunology*, **2003**, 15, 683-9	7.8	103
200	TSC1 regulates the balance between effector and regulatory T cells. *Journal of Clinical Investigation* , **2013**, 123, 5165-78	15.9	101
199	Mechanisms for glycolipid antigen-driven cytokine polarization by Valpha14i NKT cells. *Journal of Immunology*, **2010**, 184, 141-53	5.3	100
198	Protein kinase C-□controls CTLA-4-mediated regulatory T cell function. *Nature Immunology*, **2014**, 15, 465-72	19.1	97
197	Antigen-specific cytotoxicity by invariant NKT cells in vivo is CD95/CD178-dependent and is correlated with antigenic potency. *Journal of Immunology*, **2010**, 185, 2721-9	5.3	96
196	HVEM signalling at mucosal barriers provides host defence against pathogenic bacteria. *Nature*, **2012**, 488, 222-5	50.4	94
195	T cell intrinsic heterodimeric complexes between HVEM and BTLA determine receptivity to the surrounding microenvironment. *Journal of Immunology*, **2009**, 183, 7286-96	5.3	94
194	The adaptor protein AP-3 is required for CD1d-mediated antigen presentation of glycosphingolipids and development of Valpha14i NKT cells. *Journal of Experimental Medicine*, **2003** , 198, 1133-46	16.6	92
193	The Crohn's disease-associated bacterial protein I2 is a novel enteric t cell superantigen. *Immunity*, **2001**, 15, 149-58	32.3	87

192	Natural killer T cells exacerbate liver injury in a transforming growth factor beta receptor II dominant-negative mouse model of primary biliary cirrhosis. *Hepatology*, **2008**, 47, 571-80	11.2	86
191	Apolipoprotein AI prevents regulatory to follicular helper T cell switching during atherosclerosis. *Nature Communications*, **2018**, 9, 1095	17.4	85
190	Lipid binding orientation within CD1d affects recognition of Borrelia burgorferi antigens by NKT cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 1535-40	11.5	84
189	Invariant NKT cells are required for airway inflammation induced by environmental antigens. *Journal of Experimental Medicine*, **2011**, 208, 1151-62	16.6	84
188	The T cell antigen receptor expressed by Valpha14i NKT cells has a unique mode of glycosphingolipid antigen recognition. *Proceedings of the National Academy of Sciences of the United States of America*, **2004**, 101, 12254-9	11.5	84
187	Synthesis and evaluation of sphinganine analogues of KRN7000 and OCH. *Journal of Organic Chemistry*, **2005**, 70, 10260-70	4.2	81
186	Targeted delivery of lipid antigen to macrophages via the CD169/sialoadhesin endocytic pathway induces robust invariant natural killer T cell activation. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 7826-31	11.5	78
185	The V14 invariant natural killer T cell TCR forces microbial glycolipids and CD1d into a conserved binding mode. *Journal of Experimental Medicine*, **2010**, 207, 2383-93	16.6	77
184	CD1-mediated immune responses to glycolipids. *Current Opinion in Immunology*, **1999**, 11, 326-31	7.8	75
183	NKT cells prevent chronic joint inflammation after infection with Borrelia burgdorferi. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 19863-8	11.5	74
182	The crystal structure of a TL/CD8alphaalpha complex at 2.1 A resolution: implications for modulation of T cell activation and memory. *Immunity*, **2003**, 18, 205-15	32.3	74
181	IL-10-producing intestinal macrophages prevent excessive antibacterial innate immunity by limiting IL-23 synthesis. *Nature Communications*, **2015**, 6, 7055	17.4	72
180	CD1 tetramers: a powerful tool for the analysis of glycolipid-reactive T cells. *Journal of Immunological Methods*, **2002**, 268, 107-21	2.5	72
179	Antigen-dependent versus -independent activation of invariant NKT cells during infection. *Journal of Immunology*, **2014**, 192, 5490-8	5.3	70
178	Antigens recognized by gamma delta T cells. *Current Opinion in Immunology*, **1994**, 6, 64-71	7.8	70
177	Expansion of human Valpha24+ NKT cells by repeated stimulation with KRN7000. *Journal of Immunological Methods*, **2004**, 285, 197-214	2.5	69
176	Lack of chemokine receptor CCR5 promotes murine fulminant liver failure by preventing the apoptosis of activated CD1d-restricted NKT cells. *Journal of Immunology*, **2005**, 174, 8027-37	5.3	69
175	Cutting edge: activation by innate cytokines or microbial antigens can cause arrest of natural killer T cell patrolling of liver sinusoids. *Journal of Immunology*, **2008**, 180, 2024-8	5.3	68

174	Activation and Function of iNKT and MAIT Cells. *Advances in Immunology*, **2015**, 127, 145-201	5.6	67
173	Regulation of inflammation, autoimmunity, and infection immunity by HVEM-BTLA signaling. *Journal of Leukocyte Biology*, **2011**, 89, 517-23	6.5	65
172	Activation or anergy: NKT cells are stunned by alpha-galactosylceramide. *Journal of Clinical Investigation*, **2005**, 115, 2328-9	15.9	65
171	Innate-like recognition of microbes by invariant natural killer T cells. *Current Opinion in Immunology*, **2009**, 21, 391-6	7.8	62
170	Thymic differentiation of TCR alpha beta(+) CD8 alpha alpha(+) IELs. *Immunological Reviews*, **2007**, 215, 178-88	11.3	60
169	An anti-inflammatory role for V alpha 14 NK T cells in Mycobacterium bovis bacillus Calmette-Guﬁn-infected mice. *Journal of Immunology*, **2003**, 171, 1961-8	5.3	60
168	Exosome-like nanoparticles from intestinal mucosal cells carry prostaglandin E2 and suppress activation of liver NKT cells. *Journal of Immunology*, **2013**, 190, 3579-89	5.3	58
167	V alpha14 i NKT cells are innate lymphocytes that participate in the immune response to diverse microbes. *Journal of Clinical Immunology*, **2005**, 25, 522-33	5.7	58
166	Activation of invariant NKT cells ameliorates experimental ocular autoimmunity by a mechanism involving innate IFN-gamma production and dampening of the adaptive Th1 and Th17 responses. *Journal of Immunology*, **2008**, 181, 4791-7	5.3	57
165	Natural Sphingomonas glycolipids vary greatly in their ability to activate natural killer T cells. *Chemistry and Biology*, **2008**, 15, 654-64		57
164	An opposite pattern of selection of a single T cell antigen receptor in the thymus and among intraepithelial lymphocytes. *Journal of Experimental Medicine*, **1998**, 188, 255-65	16.6	57
163	Transcriptional regulator Id2 controls survival of hepatic NKT cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 19461-6	11.5	56
162	Mechanisms of NKT cell anergy induction involve Cbl-b-promoted monoubiquitination of CARMA1. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 17847-51	11.5	55
161	Membrane lymphotoxin is required for the development of different subpopulations of NK T cells. *Journal of Immunology*, **2000**, 165, 671-9	5.3	55
160	Intrathymic NKT cell development is blocked by the presence of alpha-galactosylceramide. *European Journal of Immunology*, **2003**, 33, 1816-23	6.1	54
159	Presentation of self and microbial lipids by CD1 molecules. *Current Opinion in Immunology*, **2001**, 13, 19-25	7.8	53
158	Distinct requirements for activation of NKT and NK cells during viral infection. *Journal of Immunology*, **2014**, 192, 3676-85	5.3	52
157	Systemic activation and antigen-driven oligoclonal expansion of T cells in a mouse model of colitis. *Journal of Immunology*, **2000**, 164, 2797-806	5.3	52

156	Prevention of experimental autoimmune arthritis with a peptide fragment of type II collagen. *European Journal of Immunology*, **1993**, 23, 591-9	6.1	52
155	Loss of T cell and B cell quiescence precedes the onset of microbial flora-dependent wasting disease and intestinal inflammation in Gimap5-deficient mice. *Journal of Immunology*, **2010**, 184, 3743-54	5.3	51
154	Invariant NKT cells require autophagy to coordinate proliferation and survival signals during differentiation. *Journal of Immunology*, **2015**, 194, 5872-84	5.3	49
153	Diverse endogenous antigens for mouse NKT cells: self-antigens that are not glycosphingolipids. *Journal of Immunology*, **2011**, 186, 1348-60	5.3	49
152	CD1 mediated T cell recognition of glycolipids. *Current Opinion in Structural Biology*, **2007**, 17, 521-9	8.1	49
151	Restriction fragment length polymorphisms of the mouse T-cell receptor gene families. *Immunogenetics*, **1989**, 29, 191-201	3.2	49
150	Co-receptor choice by V alpha14i NKT cells is driven by Th-POK expression rather than avoidance of CD8-mediated negative selection. *Journal of Experimental Medicine*, **2010**, 207, 1015-29	16.6	48
149	Systemic NKT cell deficiency in NOD mice is not detected in peripheral blood: implications for human studies. *Immunology and Cell Biology*, **2004**, 82, 247-52	5	48
148	The transcription factor Th-POK negatively regulates Th17 differentiation in V14i NKT cells. *Blood*, **2012**, 120, 4524-32	2.2	47
147	A novel role for IL-27 in mediating the survival of activated mouse CD4 T lymphocytes. *Journal of Immunology*, **2013**, 190, 1510-8	5.3	47
146	On the road: progress in finding the unique pathway of invariant NKT cell differentiation. *Current Opinion in Immunology*, **2007**, 19, 186-93	7.8	47
145	Crucial amino acid residues of mouse CD1d for glycolipid ligand presentation to V(alpha)14 NKT cells. *International Immunology*, **2001**, 13, 853-61	4.9	47
144	Syntheses of biotinylated alpha-galactosylceramides and their effects on the immune system and CD1 molecules. *Journal of Medicinal Chemistry*, **1999**, 42, 1836-41	8.3	47
143	T cell receptors expressed by CD4(-)CD8(-) intraepithelial T cells drive their fate into a unique lineage with unusual MHC reactivities. *Immunity*, **2014**, 41, 207-218	32.3	46
142	The mouse CD1d cytoplasmic tail mediates CD1d trafficking and antigen presentation by adaptor protein 3-dependent and -independent mechanisms. *Journal of Immunology*, **2005**, 174, 3179-86	5.3	46
141	Interleukin-27 receptor limits atherosclerosis in Ldlr-/- mice. *Circulation Research*, **2012**, 111, 1274-85	15.7	45
140	Role of NKT cells in the digestive system. IV. The role of canonical natural killer T cells in mucosal immunity and inflammation. *American Journal of Physiology - Renal Physiology*, **2008**, 294, G1-8	5.1	45
139	Helicobacter pylori cholesteryl glucosides contribute to its pathogenicity and immune response by natural killer T cells. *PLoS ONE*, **2013**, 8, e78191	3.7	43

138	The role of invariant natural killer T cells in microbial immunity. *Journal of Infection and Chemotherapy*, **2013**, 19, 560-70	2.2	42
137	Unique interplay between sugar and lipid in determining the antigenic potency of bacterial antigens for NKT cells. *PLoS Biology*, **2011**, 9, e1001189	9.7	42
136	The HVEM-BTLA Axis Restrains T Cell Help to Germinal Center B Cells and Functions as a Cell-Extrinsic Suppressor in Lymphomagenesis. *Immunity*, **2019**, 51, 310-323.e7	32.3	41
135	A new mouse strain for the analysis of invariant NKT cell function. *Nature Immunology*, **2015**, 16, 799-800	19.1	40
134	Altered thymic differentiation and modulation of arthritis by invariant NKT cells expressing mutant ZAP70. *Nature Communications*, **2018**, 9, 2627	17.4	40
133	ICOS costimulates invariant NKT cell activation. *Biochemical and Biophysical Research Communications*, **2005**, 327, 201-7	3.4	40
132	Salmonella typhimurium infection halts development of type 1 diabetes in NOD mice. *European Journal of Immunology*, **2004**, 34, 3246-56	6.1	40
131	B cells are anergic in transgenic mice that express IgM anti-DNA antibodies. *European Journal of Immunology*, **1993**, 23, 2332-9	6.1	40
130	BTLA interaction with HVEM expressed on CD8(+) T cells promotes survival and memory generation in response to a bacterial infection. *PLoS ONE*, **2013**, 8, e77992	3.7	40
129	Synthesis and evaluation of 3''- and 4''-deoxy and -fluoro analogs of the immunostimulatory glycolipid, KRN7000. *Bioorganic and Medicinal Chemistry Letters*, **2009**, 19, 4122-5	2.9	39
128	Organization of the V gene segments in mouse T-cell antigen receptor alpha/delta locus. *Genomics*, **1994**, 20, 419-28	4.3	39
127	Mucosal memory CD8+ T cells are selected in the periphery by an MHC class I molecule. *Nature Immunology*, **2011**, 12, 1086-95	19.1	38
126	Surface receptors identify mouse NK1.1+ T cell subsets distinguished by function and T cell receptor type. *European Journal of Immunology*, **2004**, 34, 56-65	6.1	38
125	Carboxylated glycans mediate colitis through activation of NF-kappa B. *Journal of Immunology*, **2005**, 175, 5412-22	5.3	38
124	Transgenic expression of IL-10 in T cells facilitates development of experimental myasthenia gravis. *Journal of Immunology*, **2001**, 166, 4853-62	5.3	37
123	The tumor necrosis factor family member TNFSF14 (LIGHT) is required for resolution of intestinal inflammation in mice. *Gastroenterology*, **2014**, 146, 1752-62.e4	13.3	36
122	A CD1d-dependent antagonist inhibits the activation of invariant NKT cells and prevents development of allergen-induced airway hyperreactivity. *Journal of Immunology*, **2010**, 184, 2107-15	5.3	36
121	Carbohydrate specificity of the recognition of diverse glycolipids by natural killer T cells. *Immunological Reviews*, **2009**, 230, 188-200	11.3	36

120	Molecular biology of NK T cell specificity and development. *Seminars in Immunology*, **2000**, 12, 561-8	10.7	35
119	Regulating the mucosal immune system: the contrasting roles of LIGHT, HVEM, and their various partners. *Seminars in Immunopathology*, **2009**, 31, 207-21	12	34
118	The role of innate immunity in autoimmunity. *Journal of Experimental Medicine*, **2004**, 200, 1527-31	16.6	34
117	Making memory at birth: understanding the differentiation of natural killer T cells. *Current Opinion in Immunology*, **2012**, 24, 184-90	7.8	33
116	Glycolipids that elicit IFN-Ebiased responses from natural killer T cells. *Chemistry and Biology*, **2011**, 18, 1620-30		33
115	Cutting edge: IFN-gamma signaling to macrophages is required for optimal Valpha14i NK T/NK cell cross-talk. *Journal of Immunology*, **2005**, 174, 3864-8	5.3	33
114	Fibrocyte-like cells recruited to the spleen support innate and adaptive immune responses to acute injury or infection. *Journal of Molecular Medicine*, **2011**, 89, 997-1013	5.5	32
113	Activation of natural killer T cells by glycolipids. *Methods in Enzymology*, **2006**, 417, 185-201	1.7	32
112	The murine nonclassical class I major histocompatibility complex-like CD1.1 molecule protects target cells from lymphokine-activated killer cell cytolysis. *Journal of Experimental Medicine*, **1999**, 189, 483-91	16.6	32
111	Intestinal intraepithelial lymphocytes respond to systemic lymphocytic choriomeningitis virus infection. *Cellular Immunology*, **1996**, 167, 161-9	4.4	32
110	Reduced expression of phosphatase PTPN2 promotes pathogenic conversion of Tregs in autoimmunity. *Journal of Clinical Investigation*, **2019**, 129, 1193-1210	15.9	32
109	The complementarity determining region 2 of BV8S2 (V beta 8.2) contributes to antigen recognition by rat invariant NKT cell TCR. *Journal of Immunology*, **2006**, 176, 7447-55	5.3	31
108	Self-tolerance and autoimmunity. *Cell*, **1991**, 65, 537-42	56.2	31
107	Neutrophilic granulocytes modulate invariant NKT cell function in mice and humans. *Journal of Immunology*, **2012**, 188, 3000-8	5.3	30
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