Mitchell Kronenberg

List of Publications by Year in Descending Order

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	Stimulation of a subset of natural killer T´cells by CD103 DC is required for GM-CSF and protection from pneumococcal infection.. *Cell Reports*, **2022**, 38, 110209	10.6	
280	Btla signaling in conventional and regulatory lymphocytes coordinately tempers humoral immunity in the intestinal mucosa.. *Cell Reports*, **2022**, 38, 110553	10.6	1
279	Thymus-Derived CD4CD8 Cells Reside in Mediastinal Adipose Tissue and the Aortic Arch. *Journal of Immunology*, **2021**, 207, 2720-2732	5.3	
278	HVEM structures and mutants reveal distinct functions of binding to LIGHT and BTLA/CD160. *Journal of Experimental Medicine*, **2021**, 218,	16.6	2
277	Elongated neutrophil-derived structures are blood-borne microparticles formed by rolling neutrophils during sepsis. *Journal of Experimental Medicine*, **2021**, 218,	16.6	12
276	Calcium signals regulate the functional differentiation of thymic iNKT cells. *EMBO Journal*, **2021**, 40, e107901	13	0
275	Promoter-interacting expression quantitative trait loci are enriched for functional genetic variants. *Nature Genetics*, **2021**, 53, 110-119	36.3	16
274	Metabolic activation and colitis pathogenesis is prevented by lymphotoxin receptor expression in neutrophils. *Mucosal Immunology*, **2021**, 14, 679-690	9.2	3
273	Transcriptome and chromatin landscape of iNKT cells are shaped by subset differentiation and antigen exposure. *Nature Communications*, **2021**, 12, 1446	17.4	4
272	ImmGen at 15. *Nature Immunology*, **2020**, 21, 700-703	19.1	20
271	Metabolic Triggers of Invariant Natural Killer T-Cell Activation during Sterile Autoinflammatory Disease. *Critical Reviews in Immunology*, **2020**, 40, 367-378	1.8	2
270	Bacterial Infection Allows for Functional Examination of Adoptively Transferred Mouse Innate Lymphoid Cell Subsets. *Methods in Molecular Biology*, **2020**, 2121, 129-140	1.4	
269	The role of innate lymphoid cells in response to microbes at mucosal surfaces. *Mucosal Immunology*, **2020**, 13, 399-412	9.2	22
268	The Role of Invariant Natural Killer T Cells in Autoimmune Diseases **2020**, 117-153		1
267	Engineered Stem Cells Provide Cancer-Killing iNKT Cells. *Cell Stem Cell*, **2019**, 25, 454-455	18	1
266	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
265	The Protein Phosphatase Shp1 Regulates Invariant NKT Cell Effector Differentiation Independently of TCR and Slam Signaling. *Journal of Immunology*, **2019**, 202, 2276-2286	5.3	7

264	Reduced expression of phosphatase PTPN2 promotes pathogenic conversion of Tregs in autoimmunity. *Journal of Clinical Investigation*, **2019**, 129, 1193-1210	15.9	32
263	Development of Asthma in Inner-City Children: Possible Roles of MAIT Cells and Variation in the Home Environment. *Journal of Immunology*, **2018**, 200, 1995-2003	5.3	29
262	Riboflavin Metabolism Variation among Clinical Isolates of Streptococcus pneumoniae Results in Differential Activation of Mucosal-associated Invariant T Cells. *American Journal of Respiratory Cell and Molecular Biology*, **2018**, 58, 767-776	5.7	26
261	LIGHT-HVEM signaling in keratinocytes controls development of dermatitis. *Journal of Experimental Medicine*, **2018**, 215, 415-422	16.6	17
260	Apolipoprotein AI prevents regulatory to follicular helper T cell switching during atherosclerosis. *Nature Communications*, **2018**, 9, 1095	17.4	85
259	A Sensitive and Integrated Approach to Profile Messenger RNA from Samples with Low Cell Numbers. *Methods in Molecular Biology*, **2018**, 1799, 275-302	1.4	15
258	Differential Role of Cathepsins S and B In Hepatic APC-Mediated NKT Cell Activation and Cytokine Secretion. *Frontiers in Immunology*, **2018**, 9, 391	8.4	11
257	Altered thymic differentiation and modulation of arthritis by invariant NKT cells expressing mutant ZAP70. *Nature Communications*, **2018**, 9, 2627	17.4	40
256	Response to Comment on "Development of Asthma in Inner-City Children: Possible Roles of MAIT Cells and Variation in the Home Environment". *Journal of Immunology*, **2018**, 200, 3317-3318	5.3	3
255	LIGHT-HVEM Signaling in Innate Lymphoid Cell Subsets Protects Against Enteric Bacterial Infection. *Cell Host and Microbe*, **2018**, 24, 249-260.e4	23.4	24
254	Neutrophils form elongated shear-derived particles (SDP) via shedding tethers and slings. *FASEB Journal*, **2018**, 32, 574.6	0.9	
253	The Tumor Necrosis Factor Superfamily Members TNFSF14 (LIGHT), Lymphotoxin and Lymphotoxin Receptor Interact to Regulate Intestinal Inflammation. *Frontiers in Immunology*, **2018**, 9, 2585	8.4	17
252	Kimishige Ishizaka, M.D., Ph.D. (AAI 58), December 3, 1925 to July 6, 2018. *Journal of Immunology*, **2018**, 201, 3143-3144	5.3	
251	Impact of Genetic Polymorphisms on Human Immune Cell Gene Expression. *Cell*, **2018**, 175, 1701-1715.e16	36.2	273
250	Herpes Simplex Virus 1 Latency and the Kinetics of Reactivation Are Regulated by a Complex Network of Interactions between the Herpesvirus Entry Mediator, Its Ligands (gD, BTLA, LIGHT, and CD160), and the Latency-Associated Transcript. *Journal of Virology*, **2018**, 92,	6.6	16
249	Mrp1 is involved in lipid presentation and iNKT cell activation by Streptococcus pneumoniae. *Nature Communications*, **2018**, 9, 4279	17.4	7
248	Cancer immunity thwarted by the microbiome. *Science*, **2018**, 360, 858-859	33.3	12
247	Tissue-specific functions of invariant natural killer T cells. *Nature Reviews Immunology*, **2018**, 18, 559-574	36.5	129

246	Role of MAIT cells in pulmonary bacterial infection. *Molecular Immunology*, **2018**, 101, 155-159	4.3	13
245	ATP Binding Cassette Transporter ABCA7 Regulates NKT Cell Development and Function by Controlling CD1d Expression and Lipid Raft Content. *Scientific Reports*, **2017**, 7, 40273	4.9	17
244	Murine Corneal Inflammation and Nerve Damage After Infection With HSV-1 Are Promoted by HVEM and Ameliorated by Immune-Modifying Nanoparticle Therapy **2017**, 58, 282-291		15
243	Improved Detection of Cytokines Produced by Invariant NKT Cells. *Scientific Reports*, **2017**, 7, 16607	4.9	9
242	Phospholipid signals of microbial infection for the human immune system. *Proceedings of the National Academy of Sciences of the United States of America*, **2016**, 113, 251-3	11.5	4
241	The transcription factor NR4A3 controls CD103+ dendritic cell migration. *Journal of Clinical Investigation*, **2016**, 126, 4603-4615	15.9	19
240	When Insult Is Added to Injury: Cross Talk between ILCs and Intestinal Epithelium in IBD. *Mediators of Inflammation*, **2016**, 2016, 9765238	4.3	12
239	A TNFRSF14-FceRI-mast cell pathway contributes to development of multiple features of asthma pathology in mice. *Nature Communications*, **2016**, 7, 13696	17.4	21
238	Innate-like functions of natural killer T cell subsets result from highly divergent gene programs. *Nature Immunology*, **2016**, 17, 728-39	19.1	174
237	CD1d-restricted peripheral T cell lymphoma in mice and humans. *Journal of Experimental Medicine*, **2016**, 213, 841-57	16.6	16
236	Invariant natural killer T cells: front line fighters in the war against pathogenic microbes. *Immunogenetics*, **2016**, 68, 639-48	3.2	23
235	A new mouse strain for the analysis of invariant NKT cell function. *Nature Immunology*, **2015**, 16, 799-800	19.1	40
234	Invariant NKT cells require autophagy to coordinate proliferation and survival signals during differentiation. *Journal of Immunology*, **2015**, 194, 5872-84	5.3	49
233	A Novel Glycolipid Antigen for NKT Cells That Preferentially Induces IFN-□Production. *Journal of Immunology*, **2015**, 195, 924-33	5.3	23
232	Lipid and Carbohydrate Modifications of □Galactosylceramide Differently Influence Mouse and Human Type I Natural Killer T Cell Activation. *Journal of Biological Chemistry*, **2015**, 290, 17206-17	5.4	14
231	IL-10-producing intestinal macrophages prevent excessive antibacterial innate immunity by limiting IL-23 synthesis. *Nature Communications*, **2015**, 6, 7055	17.4	72
230	Selective Conditions Are Required for the Induction of Invariant NKT Cell Hyporesponsiveness by Antigenic Stimulation. *Journal of Immunology*, **2015**, 195, 3838-48	5.3	18
229	Antigen specificity of invariant natural killer T-cells. *Biomedical Journal*, **2015**, 38, 470-83	7.1	15

228	OMIP-030: Characterization of human T cell subsets via surface markers. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2015**, 87, 1067-9	4.6	22
227	Activation and Function of iNKT and MAIT Cells. *Advances in Immunology*, **2015**, 127, 145-201	5.6	67
226	The Alpha and Omega of Galactosylceramides in T Cell Immune Function. *Journal of Biological Chemistry*, **2015**, 290, 15365-15370	5.4	13
225	Distinct requirements for activation of NKT and NK cells during viral infection. *Journal of Immunology*, **2014**, 192, 3676-85	5.3	52
224	The Role of Invariant Natural Killer T Cells in Autoimmune Diseases **2014**, 103-129		2
223	When less is more: T lymphocyte populations with restricted antigen receptor diversity. *Journal of Immunology*, **2014**, 193, 975-6	5.3	13
222	Jarid2 is induced by TCR signalling and controls iNKT cell maturation. *Nature Communications*, **2014**, 5, 4540	17.4	28
221	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
220	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
219	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
218	Antigen-dependent versus -independent activation of invariant NKT cells during infection. *Journal of Immunology*, **2014**, 192, 5490-8	5.3	70
217	Synthesis of a 2"-deoxy- GalCer. *Molecules*, **2014**, 19, 10090-102	4.8	6
216	Transcriptional control of the development and function of V 4i NKT cells. *Current Topics in Microbiology and Immunology*, **2014**, 381, 51-81	3.3	22
215	Invariant natural killer T cells are depleted in renal impairment and recover after kidney transplantation. *Nephrology Dialysis Transplantation*, **2014**, 29, 1020-8	4.3	6
214	Therapeutic blockade of LIGHT interaction with herpesvirus entry mediator and lymphotoxin receptor attenuates in vivo cytotoxic allogeneic responses. *Transplantation*, **2014**, 98, 1165-74	1.8	4
213	HVEM is a TNF Receptor with Multiple Regulatory Roles in the Mucosal Immune System. *Immune Network*, **2014**, 14, 67-72	6.1	15
212	Immunology: oiling the wheels of autoimmunity. *Nature*, **2014**, 506, 42-3	50.4	6
211	Protein kinase C- controls CTLA-4-mediated regulatory T cell function. *Nature Immunology*, **2014**, 15, 465-72	19.1	97

210	IL-10-producing NKT10 cells are a distinct regulatory invariant NKT cell subset. *Journal of Clinical Investigation*, **2014**, 124, 3725-40	15.9	163
209	Identification of Previously Unrecognized CD1d-Restricted Peripheral T Cell Lymphomas (PTCLs) in Mouse and Human Reveals Blocking Anti-CD1d Monoclonal Antibodies As a New Therapeutic Possibility in PTCLs. *Blood*, **2014**, 124, 4485-4485	2.2	
208	The role of invariant natural killer T cells in microbial immunity. *Journal of Infection and Chemotherapy*, **2013**, 19, 560-70	2.2	42
207	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
206	A 'GEM' of a cell. *Nature Immunology*, **2013**, 14, 694-5	19.1	3
205	Production of Egalactosylceramide by a prominent member of the human gut microbiota. *PLoS Biology*, **2013**, 11, e1001610	9.7	159
204	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
203	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
202	HVEM: An unusual TNF receptor family member important for mucosal innate immune responses to microbes. *Gut Microbes*, **2013**, 4, 146-51	8.8	19
201	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
200	Intestinal mucus-derived nanoparticle-mediated activation of Wnt/Ecatenin signaling plays a role in induction of liver natural killer T cell anergy in mice. *Hepatology*, **2013**, 57, 1250-61	11.2	19
199	Helicobacter pylori cholesteryl Eglucosides contribute to its pathogenicity and immune response by natural killer T cells. *PLoS ONE*, **2013**, 8, e78191	3.7	43
198	TSC1 regulates the balance between effector and regulatory T cells. *Journal of Clinical Investigation* , **2013**, 123, 5165-78	15.9	101
197	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
196	Interplay between carbohydrate and lipid in recognition of glycolipid antigens by natural killer T cells. *Annals of the New York Academy of Sciences*, **2012**, 1253, 68-79	6.5	26
195	The transcription factor Th-POK negatively regulates Th17 differentiation in V14i NKT cells. *Blood*, **2012**, 120, 4524-32	2.2	47
194	Interleukin-27 receptor limits atherosclerosis in Ldlr-/- mice. *Circulation Research*, **2012**, 111, 1274-85	15.7	45
193	Making memory at birth: understanding the differentiation of natural killer T cells. *Current Opinion in Immunology*, **2012**, 24, 184-90	7.8	33

192	Intestinal microbes affect phenotypes and functions of invariant natural killer T cells in mice. *Gastroenterology*, **2012**, 143, 418-28	13.3	153
191	Interruption of CXCL13-CXCR5 axis increases upper genital tract pathology and activation of NKT cells following chlamydial genital infection. *PLoS ONE*, **2012**, 7, e47487	3.7	23
190	HVEM signalling at mucosal barriers provides host defence against pathogenic bacteria. *Nature*, **2012**, 488, 222-5	50.4	94
189	Neutrophilic granulocytes modulate invariant NKT cell function in mice and humans. *Journal of Immunology*, **2012**, 188, 3000-8	5.3	30
188	ATP-binding cassette transporter G1 intrinsically regulates invariant NKT cell development. *Journal of Immunology*, **2012**, 189, 5129-38	5.3	12
187	Invariant natural killer T cells recognize glycolipids from pathogenic Gram-positive bacteria. *Nature Immunology*, **2011**, 12, 966-74	19.1	259
186	Glycolipids that elicit IFN-Ebiased responses from natural killer T cells. *Chemistry and Biology*, **2011**, 18, 1620-30		33
185	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
184	Regulation of inflammation, autoimmunity, and infection immunity by HVEM-BTLA signaling. *Journal of Leukocyte Biology*, **2011**, 89, 517-23	6.5	65
183	Hepatic stellate cells function as regulatory bystanders. *Journal of Immunology*, **2011**, 186, 5549-55	5.3	107
182	Diverse endogenous antigens for mouse NKT cells: self-antigens that are not glycosphingolipids. *Journal of Immunology*, **2011**, 186, 1348-60	5.3	49
181	Cooling the fires of inflammation. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 16493-4	11.5	4
180	Invariant NKT cells are required for airway inflammation induced by environmental antigens. *Journal of Experimental Medicine*, **2011**, 208, 1151-62	16.6	84
179	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
178	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
177	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
176	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
175	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

174	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
173	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
172	Mechanisms for glycolipid antigen-driven cytokine polarization by Valpha14i NKT cells. *Journal of Immunology*, **2010**, 184, 141-53	5.3	100
171	Commensal microbiota and CD8+ T cells shape the formation of invariant NKT cells. *Journal of Immunology*, **2010**, 184, 1218-26	5.3	104
170	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
169	NKG2A inhibits invariant NKT cell activation in hepatic injury. *Journal of Immunology*, **2009**, 182, 250-8	5.3	29
168	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
167	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
166	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
165	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
164	Regulating the mucosal immune system: the contrasting roles of LIGHT, HVEM, and their various partners. *Seminars in Immunopathology*, **2009**, 31, 207-21	12	34
163	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
162	Carbohydrate specificity of the recognition of diverse glycolipids by natural killer T cells. *Immunological Reviews*, **2009**, 230, 188-200	11.3	36
161	Innate-like recognition of microbes by invariant natural killer T cells. *Current Opinion in Immunology*, **2009**, 21, 391-6	7.8	62
160	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
159	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
158	Acid test: lipid antigens get into the groove. *Immunity*, **2008**, 28, 727-9	32.3	4
157	Cutting edge: the mechanism of invariant NKT cell responses to viral danger signals. *Journal of Immunology*, **2008**, 181, 4452-6	5.3	143

156	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
155	Abrogation of anti-retinal autoimmunity in IL-10 transgenic mice due to reduced T cell priming and inhibition of disease effector mechanisms. *Journal of Immunology*, **2008**, 180, 5423-9	5.3	20
154	Spontaneous colitis occurrence in transgenic mice with altered B7-mediated costimulation. *Journal of Immunology*, **2008**, 181, 5278-88	5.3	10
153	Villous B cells of the small intestine are specialized for invariant NK T cell dependence. *Journal of Immunology*, **2008**, 180, 4629-38	5.3	19
152	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
151	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
150	A crucial role for HVEM and BTLA in preventing intestinal inflammation. *Journal of Experimental Medicine*, **2008**, 205, 1463-76	16.6	106
149	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
148	RAGE, carboxylated glycans and S100A8/A9 play essential roles in colitis-associated carcinogenesis. *Carcinogenesis*, **2008**, 29, 2035-43	4.6	238
147	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
146	Natural Sphingomonas glycolipids vary greatly in their ability to activate natural killer T cells. *Chemistry and Biology*, **2008**, 15, 654-64		57
145	Innate cytokines and natural receptor agonist arrest natural killer T cell patrolling of liver sinusoids. *FASEB Journal*, **2008**, 22, 1072.1	0.9	
144	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
143	Thymic differentiation of TCR alpha beta(+) CD8 alpha alpha(+) IELs. *Immunological Reviews*, **2007**, 215, 178-88	11.3	60
142	The unique role of natural killer T cells in the response to microorganisms. *Nature Reviews Microbiology*, **2007**, 5, 405-17	22.2	357
141	Frontline T cells: gammadelta T cells and intraepithelial lymphocytes. *Immunological Reviews*, **2007**, 215, 5-7	11.3	17
140	CD1 mediated T cell recognition of glycolipids. *Current Opinion in Structural Biology*, **2007**, 17, 521-9	8.1	49
139	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

138	Invariant NKT cells amplify the innate immune response to lipopolysaccharide. *Journal of Immunology*, **2007**, 178, 2706-13	5.3	231
137	Natural killer T cells: know thyself. *Proceedings of the National Academy of Sciences of the United States of America*, **2007**, 104, 5713-4	11.5	18
136	Paradoxical effect of reduced costimulation in T cell-mediated colitis. *Journal of Immunology*, **2007**, 178, 5563-70	5.3	9
135	Reciprocal TH17 and regulatory T cell differentiation mediated by retinoic acid. *Science*, **2007**, 317, 256-60	33.3	1550
134	Immediate antigen-specific effector functions by TCR-transgenic CD8+ NKT cells. *European Journal of Immunology*, **2006**, 36, 570-82	6.1	14
133	A unique lymphotoxin {alpha}beta-dependent pathway regulates thymic emigration of V{alpha}14 invariant natural killer T cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2006**, 103, 9160-5	11.5	29
132	The proatherogenic role of T cells requires cell division and is dependent on the stage of the disease. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2006**, 26, 353-8	9.4	20
131	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
130	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
129	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
128	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
127	CD4+ invariant T-cell-receptor+ natural killer T cells in bronchial asthma. *New England Journal of Medicine*, **2006**, 354, 1117-29	59.2	347
126	Activation of natural killer T cells by glycolipids. *Methods in Enzymology*, **2006**, 417, 185-201	1.7	32
125	Natural killer T cells recognize diacylglycerol antigens from pathogenic bacteria. *Nature Immunology*, **2006**, 7, 978-86	19.1	521
124	Elevated serum anti-I2 and anti-OmpW antibody levels in children with IBD. *Inflammatory Bowel Diseases*, **2006**, 12, 389-94	4.5	29
123	Synergistic costimulation by both B7 molecules regulates colitis pathogenesis. *Annals of the New York Academy of Sciences*, **2006**, 1072, 233-41	6.5	5
122	Synthesis and evaluation of sphinganine analogues of KRN7000 and OCH. *Journal of Organic Chemistry*, **2005**, 70, 10260-70	4.2	81
121	Infection, autoimmunity, and glycolipids: T cells detect microbes through self-recognition. *Immunity* , **2005**, 22, 657-9	32.3	14

120	NKT cells regulate the development of asthma. *International Congress Series*, **2005**, 1285, 184-188		1
119	ICOS costimulates invariant NKT cell activation. *Biochemical and Biophysical Research Communications*, **2005**, 327, 201-7	3.4	40
118	Toward an understanding of NKT cell biology: progress and paradoxes. *Annual Review of Immunology*, **2005**, 23, 877-900	34.7	844
117	Phenotypical and functional alterations during the expansion phase of invariant Valpha14 natural killer T (Valpha14i NKT) cells in mice primed with alpha-galactosylceramide. *Immunology*, **2005**, 116, 30-7	7.8	19
116	Recognition of bacterial glycosphingolipids by natural killer T cells. *Nature*, **2005**, 434, 520-5	50.4	784
115	Regulation of immunity by self-reactive T cells. *Nature*, **2005**, 435, 598-604	50.4	243
114	Mucosal T lymphocytes--peacekeepers and warriors. *Seminars in Immunopathology*, **2005**, 27, 147-65		7
113	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
112	Intravascular immune surveillance by CXCR6+ NKT cells patrolling liver sinusoids. *PLoS Biology*, **2005**, 3, e113	9.7	491
111	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
110	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
109	Molecular basis for the high affinity interaction between the thymic leukemia antigen and the CD8alphaalpha molecule. *Journal of Immunology*, **2005**, 174, 3501-7	5.3	22
108	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
107	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
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