

# Masaru Taniguchi

## List of Publications by Citations

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268  
papers

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73  
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136  
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275  
ext. papers

21,582  
ext. citations

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avg, IF

5.87  
L-index

#	Paper	IF	Citations
268	CD1d-restricted and TCR-mediated activation of valpha14 NKT cells by glycosylceramides. <i>Science</i> , <b>1997</b> , 278, 1626-9	33.3	2072
267	Requirement for Valpha14 NKT cells in IL-12-mediated rejection of tumors. <i>Science</i> , <b>1997</b> , 278, 1623-6	33.3	1092
266	Tracking the response of natural killer T cells to a glycolipid antigen using CD1d tetramers. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 192, 741-54	16.6	743
265	Differential tumor surveillance by natural killer (NK) and NKT cells. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 191, 661-8	16.6	651
264	The regulatory role of Valpha14 NKT cells in innate and acquired immune response. <i>Annual Review of Immunology</i> , <b>2003</b> , 21, 483-513	34.7	591
263	Essential role of NKT cells producing IL-4 and IL-13 in the development of allergen-induced airway hyperreactivity. <i>Nature Medicine</i> , <b>2003</b> , 9, 582-8	50.5	588
262	Activation of natural killer T cells by alpha-galactosylceramide treatment prevents the onset and recurrence of autoimmune Type 1 diabetes. <i>Nature Medicine</i> , <b>2001</b> , 7, 1057-62	50.5	546
261	The natural killer T (NKT) cell ligand alpha-galactosylceramide demonstrates its immunopotentiating effect by inducing interleukin (IL)-12 production by dendritic cells and IL-12 receptor expression on NKT cells. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 189, 1121-8	16.6	534
260	Augmentation of Valpha14 NKT cell-mediated cytotoxicity by interleukin 4 in an autocrine mechanism resulting in the development of concanavalin A-induced hepatitis. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 191, 105-14	16.6	357
259	A phase I study of alpha-galactosylceramide (KRN7000)-pulsed dendritic cells in patients with advanced and recurrent non-small cell lung cancer. <i>Clinical Cancer Research</i> , <b>2005</b> , 11, 1910-7	12.9	344
258	Disruption of the Bcl6 gene results in an impaired germinal center formation. <i>Journal of Experimental Medicine</i> , <b>1997</b> , 186, 439-48	16.6	309
257	Natural killer T cell ligand alpha-galactosylceramide enhances protective immunity induced by malaria vaccines. <i>Journal of Experimental Medicine</i> , <b>2002</b> , 195, 617-24	16.6	278
256	The anti-tumor activity of IL-12: mechanisms of innate immunity that are model and dose dependent. <i>Journal of Immunology</i> , <b>2000</b> , 165, 2665-70	5.3	241
255	NK T cell-derived IL-10 is essential for the differentiation of antigen-specific T regulatory cells in systemic tolerance. <i>Journal of Immunology</i> , <b>2001</b> , 166, 42-50	5.3	219
254	NKT cells are phenotypically and functionally diverse. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 3768-81	16.1	206
253	Predominant expression of invariant V alpha 14+ TCR alpha chain in NK1.1+ T cell populations. <i>International Immunology</i> , <b>1995</b> , 7, 1157-61	4.9	206
252	A novel subset of mouse NKT cells bearing the IL-17 receptor B responds to IL-25 and contributes to airway hyperreactivity. <i>Journal of Experimental Medicine</i> , <b>2008</b> , 205, 2727-33	16.6	201

251	The interface between innate and acquired immunity: glycolipid antigen presentation by CD1d-expressing dendritic cells to NKT cells induces the differentiation of antigen-specific cytotoxic T lymphocytes. <i>International Immunology</i> , <b>2000</b> , 12, 987-94	4.9	186
250	A phase I study of in vitro expanded natural killer T cells in patients with advanced and recurrent non-small cell lung cancer. <i>Clinical Cancer Research</i> , <b>2006</b> , 12, 6079-86	12.9	184
249	A phase I-II study of alpha-galactosylceramide-pulsed IL-2/GM-CSF-cultured peripheral blood mononuclear cells in patients with advanced and recurrent non-small cell lung cancer. <i>Journal of Immunology</i> , <b>2009</b> , 182, 2492-501	5.3	181
248	Osteopontin as a mediator of NKT cell function in T cell-mediated liver diseases. <i>Immunity</i> , <b>2004</b> , 21, 539-50	32.3	167
247	Critical role of V $\alpha$ 14+ natural killer T cells in the innate phase of host protection against <i>Streptococcus pneumoniae</i> infection. <i>European Journal of Immunology</i> , <b>2003</b> , 33, 3322-30	6.1	160
246	Dysfunction of T cell receptor AV24AJ18+, BV11+ double-negative regulatory natural killer T cells in autoimmune diseases. <i>Arthritis and Rheumatism</i> , <b>2001</b> , 44, 1127-38		158
245	Natural killer T cells accelerate atherogenesis in mice. <i>Blood</i> , <b>2004</b> , 104, 2051-9	2.2	156
244	Natural killer cells determine the outcome of B cell-mediated autoimmunity. <i>Nature Immunology</i> , <b>2000</b> , 1, 245-51	19.1	153
243	Development and function of invariant natural killer T cells producing T(h)2- and T(h)17-cytokines. <i>PLoS Biology</i> , <b>2012</b> , 10, e1001255	9.7	148
242	Inhibition of T helper cell type 2 cell differentiation and immunoglobulin E response by ligand-activated V $\alpha$ 14 natural killer T cells. <i>Journal of Experimental Medicine</i> , <b>1999</b> , 190, 783-92	16.6	148
241	The transcription factor E4BP4 regulates the production of IL-10 and IL-13 in CD4+ T cells. <i>Nature Immunology</i> , <b>2011</b> , 12, 450-9	19.1	145
240	Identification of a conserved GATA3 response element upstream proximal from the interleukin-13 gene locus. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 42399-408	5.4	141
239	CD4+ CD25+ T cells responding to serologically defined autoantigens suppress antitumor immune responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 10902-6	11.5	139
238	Combination therapy of in vitro-expanded natural killer T cells and alpha-galactosylceramide-pulsed antigen-presenting cells in patients with recurrent head and neck carcinoma. <i>Cancer Science</i> , <b>2009</b> , 100, 1092-8	6.9	136
237	Phase I study of alpha-galactosylceramide-pulsed antigen presenting cells administration to the nasal submucosa in unresectable or recurrent head and neck cancer. <i>Cancer Immunology, Immunotherapy</i> , <b>2008</b> , 57, 337-45	7.4	135
236	Activation of V $\alpha$ 14(+) natural killer T cells by alpha-galactosylceramide results in development of Th1 response and local host resistance in mice infected with <i>Cryptococcus neoformans</i> . <i>Infection and Immunity</i> , <b>2001</b> , 69, 213-20	3.7	131
235	Monocyte chemoattractant protein-1-dependent increase of V $\alpha$ 14 NKT cells in lungs and their roles in Th1 response and host defense in cryptococcal infection. <i>Journal of Immunology</i> , <b>2001</b> , 167, 6525-32	5.3	129
234	Cross-presentation of glycolipid from tumor cells loaded with alpha-galactosylceramide leads to potent and long-lived T cell mediated immunity via dendritic cells. <i>Journal of Experimental Medicine</i> , <b>2007</b> , 204, 2641-53	16.6	127

233	Down-regulation of the invariant Valpha14 antigen receptor in NKT cells upon activation. <i>International Immunology</i> , <b>2004</b> , 16, 241-7	4.9	125
232	Generation of cloned mice by direct nuclear transfer from natural killer T cells. <i>Current Biology</i> , <b>2005</b> , 15, 1114-8	6.3	125
231	CD8+ T cells rapidly acquire NK1.1 and NK cell-associated molecules upon stimulation in vitro and in vivo. <i>Journal of Immunology</i> , <b>2000</b> , 165, 3673-9	5.3	123
230	Induction of NKT cell-specific immune responses in cancer tissues after NKT cell-targeted adoptive immunotherapy. <i>Clinical Immunology</i> , <b>2011</b> , 138, 255-65	9	121
229	CD4(+) Valpha14 natural killer T cells are essential for acceptance of rat islet xenografts in mice. <i>Journal of Clinical Investigation</i> , <b>2000</b> , 105, 1761-7	15.9	121
228	Essential role of GATA3 for the maintenance of type 2 helper T (Th2) cytokine production and chromatin remodeling at the Th2 cytokine gene loci. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 26983-90 <sup>5.4</sup>	5.4	120
227	Antigen-specific suppressive factor produced by a transplantable I-J bearing T-cell hybridoma. <i>Nature</i> , <b>1979</b> , 278, 555-8	50.4	118
226	Regulatory dendritic cells act as regulators of acute lethal systemic inflammatory response. <i>Blood</i> , <b>2006</b> , 107, 3656-64	2.2	115
225	alpha-galactosylceramide induces early B-cell activation through IL-4 production by NKT cells. <i>Cellular Immunology</i> , <b>2000</b> , 199, 37-42	4.4	115
224	Methods for detection, isolation and culture of mouse and human invariant NKT cells. <i>Nature Protocols</i> , <b>2008</b> , 3, 70-8	18.8	111
223	Costimulation-dependent modulation of experimental autoimmune encephalomyelitis by ligand stimulation of V alpha 14 NK T cells. <i>Journal of Immunology</i> , <b>2001</b> , 166, 662-8	5.3	110
222	High-mobility group box 1 is involved in the initial events of early loss of transplanted islets in mice. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 735-43	15.9	110
221	The role of mel-18, a mammalian Polycomb group gene, during IL-7-dependent proliferation of lymphocyte precursors. <i>Immunity</i> , <b>1997</b> , 7, 135-46	32.3	106
220	Long-term survival of corneal allografts is dependent on intact CD1d-reactive NKT cells. <i>Journal of Immunology</i> , <b>2002</b> , 168, 2028-34	5.3	103
219	IL-21-induced Bepsilon cell apoptosis mediated by natural killer T cells suppresses IgE responses. <i>Journal of Experimental Medicine</i> , <b>2006</b> , 203, 2929-37	16.6	102
218	IL-18 enhances IL-4 production by ligand-activated NKT lymphocytes: a pro-Th2 effect of IL-18 exerted through NKT cells. <i>Journal of Immunology</i> , <b>2001</b> , 166, 945-51	5.3	102
217	Functionally distinct NKT cell subsets and subtypes. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 1623-6	16.6	98
216	Accelerated chemically induced tumor development mediated by CD4+CD25+ regulatory T cells in wild-type hosts. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2005</b> , 102, 9253-7	11.5	98

215	Regulation of Th2 cell differentiation by mel-18, a mammalian polycomb group gene. <i>Immunity</i> , <b>2001</b> , 15, 275-87	32.3	98
214	Functional and molecular organisation of an antigen-specific suppressor factor from a T-cell hybridoma. <i>Nature</i> , <b>1980</b> , 283, 227-8	50.4	94
213	Preserved IFN-alpha production of circulating Valpha24 NKT cells in primary lung cancer patients. <i>International Journal of Cancer</i> , <b>2002</b> , 102, 159-65	7.5	89
212	Valpha14 NK T cell-triggered IFN-gamma production by Gr-1+CD11b+ cells mediates early graft loss of syngeneic transplanted islets. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 202, 913-8	16.6	88
211	T cell receptor-induced calcineurin activation regulates T helper type 2 cell development by modifying the interleukin 4 receptor signaling complex. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 191, 1869-79	16.6	88
210	NKT cells as an ideal anti-tumor immunotherapeutic. <i>Frontiers in Immunology</i> , <b>2013</b> , 4, 409	8.4	87
209	Tumor cells loaded with alpha-galactosylceramide induce innate NKT and NK cell-dependent resistance to tumor implantation in mice. <i>Journal of Immunology</i> , <b>2007</b> , 178, 2853-61	5.3	86
208	Agonist-selected T cell development requires strong T cell receptor signaling and store-operated calcium entry. <i>Immunity</i> , <b>2013</b> , 38, 881-95	32.3	84
207	CD1d-restricted T cells regulate dendritic cell function and antitumor immunity in a granulocyte-macrophage colony-stimulating factor-dependent fashion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2003</b> , 100, 8874-9	11.5	83
206	Monoclonal anti-Ia murine alloantibodies crossreactive with the Ia-homologues of other mammalian species including humans. <i>Transplantation</i> , <b>1983</b> , 36, 712-8	1.8	82
205	OX40 ligand expressed by DCs costimulates NKT and CD4+ Th cell antitumor immunity in mice. <i>Journal of Clinical Investigation</i> , <b>2007</b> , 117, 3330-8	15.9	82
204	Notochord-dependent expression of MFH1 and PAX1 cooperates to maintain the proliferation of sclerotome cells during the vertebral column development. <i>Developmental Biology</i> , <b>1999</b> , 210, 15-29	3.1	80
203	Prevention of insulinitis and diabetes in beta 2-microglobulin-deficient non-obese diabetic mice. <i>International Immunology</i> , <b>1994</b> , 6, 1445-9	4.9	78
202	Differential role of thymic stromal lymphopoietin in the induction of airway hyperreactivity and Th2 immune response in antigen-induced asthma with respect to natural killer T cell function. <i>International Archives of Allergy and Immunology</i> , <b>2007</b> , 144, 305-14	3.7	77
201	Role of interferon-gamma in Valpha14+ natural killer T cell-mediated host defense against <i>Streptococcus pneumoniae</i> infection in murine lungs. <i>Microbes and Infection</i> , <b>2007</b> , 9, 364-74	9.3	76
200	Induction of regulatory properties in dendritic cells by Valpha14 NKT cells. <i>Journal of Immunology</i> , <b>2005</b> , 175, 3648-55	5.3	76
199	Immune tolerance to combined organ and bone marrow transplants after fractionated lymphoid irradiation involves regulatory NK T cells and clonal deletion. <i>Journal of Immunology</i> , <b>2002</b> , 169, 5564-70	5.3	76
198	Type II NKT cells stimulate diet-induced obesity by mediating adipose tissue inflammation, steatohepatitis and insulin resistance. <i>PLoS ONE</i> , <b>2012</b> , 7, e30568	3.7	75

197	src homology 2 domain-containing tyrosine phosphatase SHP-1 controls the development of allergic airway inflammation. <i>Journal of Clinical Investigation</i> , <b>2003</b> , 111, 109-19	15.9	75
196	PDC-TREM, a plasmacytoid dendritic cell-specific receptor, is responsible for augmented production of type I interferon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2008</b> , 105, 2993-8	11.5	72
195	CD4(+)CD25(+) T-cell development is regulated by at least 2 distinct mechanisms. <i>Blood</i> , <b>2002</b> , 99, 555-60.	11.2	72
194	Progression of T cell lineage restriction in the earliest subpopulation of murine adult thymus visualized by the expression of Ick proximal promoter activity. <i>International Immunology</i> , <b>2001</b> , 13, 105-14.	11.9	70
193	The roles of intrahepatic V $\alpha$ 14(+) NK1.1(+) T cells for liver injury induced by Salmonella infection in mice. <i>Hepatology</i> , <b>1999</b> , 29, 1799-808	11.2	70
192	CD8 T cell-specific downregulation of histone hyperacetylation and gene activation of the IL-4 gene locus by ROG, repressor of GATA. <i>Immunity</i> , <b>2003</b> , 19, 281-94	32.3	69
191	Increase of regulatory T cells and the ratio of specific IgE to total IgE are candidates for response monitoring or prognostic biomarkers in 2-year sublingual immunotherapy (SLIT) for Japanese cedar pollinosis. <i>Clinical Immunology</i> , <b>2011</b> , 139, 65-74	9	67
190	During Trypanosoma cruzi infection CD1d-restricted NK T cells limit parasitemia and augment the antibody response to a glycosphosphoinositol-modified surface protein. <i>Infection and Immunity</i> , <b>2002</b> , 70, 36-48	3.7	67
189	Single dose of OCH improves mucosal T helper type 1/T helper type 2 cytokine balance and prevents experimental colitis in the presence of V $\alpha$ 14 natural killer T cells in mice. <i>Inflammatory Bowel Diseases</i> , <b>2005</b> , 11, 35-41	4.5	66
188	Cutting edge: critical role of CXCL16/CXCR6 in NKT cell trafficking in allograft tolerance. <i>Journal of Immunology</i> , <b>2005</b> , 175, 2051-5	5.3	66
187	The analysis of systemic tolerance elicited by antigen inoculation into the vitreous cavity: vitreous cavity-associated immune deviation. <i>Immunology</i> , <b>2005</b> , 116, 390-9	7.8	63
186	Recognition and function of V $\alpha$ 14 NKT cells. <i>Seminars in Immunology</i> , <b>2000</b> , 12, 543-50	10.7	63
185	Natural killer T cell-mediated antitumor immune responses and their clinical applications. <i>Cancer Science</i> , <b>2006</b> , 97, 807-12	6.9	62
184	An anti-inflammatory role for V $\alpha$ 14 NK T cells in Mycobacterium bovis bacillus Calmette-Guérin-infected mice. <i>Journal of Immunology</i> , <b>2003</b> , 171, 1961-8	5.3	60
183	Role of V $\alpha$ 14 NKT cells in the development of impaired liver regeneration in vivo. <i>Hepatology</i> , <b>2003</b> , 38, 1116-24	11.2	59
182	Properties of primed suppressor T cells and their products. <i>Immunological Reviews</i> , <b>1975</b> , 26, 106-29	11.3	59
181	mel-18 negatively regulates cell cycle progression upon B cell antigen receptor stimulation through a cascade leading to c-myc/cdc25. <i>Immunity</i> , <b>1998</b> , 9, 439-48	32.3	58
180	The specialized iNKT cell system recognizes glycolipid antigens and bridges the innate and acquired immune systems with potential applications for cancer therapy. <i>International Immunology</i> , <b>2010</b> , 22, 1-6.	4.9	55

179	Host-residual invariant NK T cells attenuate graft-versus-host immunity. <i>Journal of Immunology</i> , <b>2005</b> , 175, 1320-8	5.3	55
178	Activation of natural killer T cells ameliorates postinfarct cardiac remodeling and failure in mice. <i>Circulation Research</i> , <b>2012</b> , 111, 1037-47	15.7	54
177	Predominant use of a particular alpha-chain in suppressor T cell hybridomas specific for keyhole limpet hemocyanin. <i>International Immunology</i> , <b>1989</b> , 1, 557-64	4.9	52
176	Accumulation of activated invariant natural killer T cells in the tumor microenvironment after $\alpha$ -galactosylceramide-pulsed antigen presenting cells. <i>Journal of Clinical Immunology</i> , <b>2012</b> , 32, 1071-81	5.7	51
175	Resistance of natural killer T cell-deficient mice to systemic Shwartzman reaction. <i>Journal of Experimental Medicine</i> , <b>2000</b> , 192, 1645-52	16.6	51
174	Reconstitution of antigen-specific suppressor activity with translation products of mRNA. <i>Nature</i> , <b>1982</b> , 298, 172-4	50.4	51
173	CD69-null mice protected from arthritis induced with anti-type II collagen antibodies. <i>International Immunology</i> , <b>2003</b> , 15, 987-92	4.9	50
172	Regulation of T helper type 2 cell differentiation by murine Schnurri-2. <i>Journal of Experimental Medicine</i> , <b>2005</b> , 201, 397-408	16.6	50
171	Establishment of an improved mouse model for infantile neuroaxonal dystrophy that shows early disease onset and bears a point mutation in Pla2g6. <i>American Journal of Pathology</i> , <b>2009</b> , 175, 2257-63	5.8	47
170	Interleukin (IL)-4-independent maintenance of histone modification of the IL-4 gene loci in memory Th2 cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 39454-64	5.4	47
169	Inhibition of tumor metastasis by adoptive transfer of IL-12-activated V $\alpha$ 14 NKT cells. <i>International Journal of Cancer</i> , <b>2001</b> , 91, 523-8	7.5	47
168	Crucial amino acid residues of mouse CD1d for glycolipid ligand presentation to V( $\alpha$ )14 NKT cells. <i>International Immunology</i> , <b>2001</b> , 13, 853-61	4.9	47
167	Cloning and chromosome mapping of the human Mel-18 gene which encodes a DNA-binding protein with a new RING-finger motif. <i>Gene</i> , <b>1993</b> , 129, 249-55	3.8	47
166	RCAI-8, 9, 18, 19, and 49-52, conformationally restricted analogues of KRN7000 with an azetidine or a pyrrolidine ring: Their synthesis and bioactivity for mouse natural killer T cells to produce cytokines. <i>Bioorganic and Medicinal Chemistry</i> , <b>2008</b> , 16, 950-64	3.4	46
165	Critical role for CXC chemokine ligand 16 (SR-PSOX) in Th1 response mediated by NKT cells. <i>Journal of Immunology</i> , <b>2007</b> , 179, 8172-9	5.3	46
164	Suppression of eosinophilic airway inflammation by treatment with $\alpha$ -galactosylceramide. <i>European Journal of Immunology</i> , <b>2005</b> , 35, 2803-14	6.1	46
163	Abundance of unconventional CD8(+) natural killer T cells in the large intestine. <i>European Journal of Immunology</i> , <b>2001</b> , 31, 3361-9	6.1	45
162	Murine induced pluripotent stem cells can be derived from and differentiate into natural killer T cells. <i>Journal of Clinical Investigation</i> , <b>2010</b> , 120, 2610-8	15.9	45

161	Efficient Regeneration of Human V $\alpha$ 24 Invariant Natural Killer T Cells and Their Anti-Tumor Activity In Vivo. <i>Stem Cells</i> , <b>2016</b> , 34, 2852-2860	5.8	42
160	Induction of natural killer cell-dependent antitumor immunity by the Autographa californica multiple nuclear polyhedrosis virus. <i>Molecular Therapy</i> , <b>2008</b> , 16, 261-8	11.7	42
159	The importance of CD25+ CD4+ regulatory T cells in mouse hepatic allograft tolerance. <i>Liver Transplantation</i> , <b>2006</b> , 12, 1112-8	4.5	41
158	CD1d and CD1d-restricted iNKT-cells play a pivotal role in contact hypersensitivity. <i>Experimental Dermatology</i> , <b>2005</b> , 14, 250-8	4	41
157	The induced regulatory T cell level, defined as the proportion of IL-10(+)Foxp3(+) cells among CD25(+)CD4(+) leukocytes, is a potential therapeutic biomarker for sublingual immunotherapy: a preliminary report. <i>International Archives of Allergy and Immunology</i> , <b>2010</b> , 153, 378-87	3.7	40
156	Plasma membrane-focused proteomics: dramatic changes in surface expression during the maturation of human dendritic cells. <i>Proteomics</i> , <b>2005</b> , 5, 4001-11	4.8	39
155	I-J as an idiotype of the recognition component of antigen-specific suppressor T-cell factor. <i>Nature</i> , <b>1985</b> , 316, 738-41	50.4	39
154	Role of Valpha14+ NKT cells in the development of Hepatitis B virus-specific CTL: activation of Valpha14+ NKT cells promotes the breakage of CTL tolerance. <i>International Immunology</i> , <b>2008</b> , 20, 869-79	4.9	38
153	RCAI-56, a carbocyclic analogue of KRN7000: its synthesis and potent activity for natural killer (NK) T cells to preferentially produce interferon- $\gamma$ . <i>Tetrahedron Letters</i> , <b>2007</b> , 48, 3343-3347	2	38
152	RCAI-61, the 6'-O-methylated analog of KRN7000: its synthesis and potent bioactivity for mouse lymphocytes to produce interferon- $\gamma$ in vivo. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 6827-6830	2	38
151	Extrathymic differentiation of a T cell bearing invariant V alpha 14J alpha 281 TCR. <i>International Reviews of Immunology</i> , <b>1994</b> , 11, 31-46	4.6	38
150	The Pten/PI3K pathway governs the homeostasis of Valpha14iNKT cells. <i>Blood</i> , <b>2007</b> , 109, 3316-24	2.2	37
149	Fc receptor beta subunit is required for full activation of mast cells through Fc receptor engagement. <i>International Immunology</i> , <b>1999</b> , 11, 199-207	4.9	37
148	Alternative pathway for the development of V14 NKT cells directly from CD4CD8 thymocytes that bypasses the CD4CD8 stage. <i>Nature Immunology</i> , <b>2017</b> , 18, 274-282	19.1	36
147	CD28 costimulation controls histone hyperacetylation of the interleukin 5 gene locus in developing th2 cells. <i>Journal of Biological Chemistry</i> , <b>2004</b> , 279, 23123-33	5.4	36
146	Minimal contribution of Valpha14 natural killer T cells to Th1 response and host resistance against mycobacterial infection in mice. <i>Microbiology and Immunology</i> , <b>2002</b> , 46, 207-10	2.7	36
145	Induction of Th1-biased cytokine production by alpha-carba-GalCer, a neoglycolipid ligand for NKT cells. <i>International Immunology</i> , <b>2010</b> , 22, 319-28	4.9	35
144	Regulatory dendritic cells protect against allergic airway inflammation in a murine asthmatic model. <i>Journal of Allergy and Clinical Immunology</i> , <b>2008</b> , 121, 95-104.e7	11.5	35



143	Hyporesponsiveness to natural killer T-cell ligand alpha-galactosylceramide in cancer-bearing state mediated by CD11b+ Gr-1+ cells producing nitric oxide. <i>Cancer Research</i> , <b>2006</b> , 66, 11441-6	10.1	35
142	STAT6-dependent differentiation and production of IL-5 and IL-13 in murine NK2 cells. <i>Journal of Immunology</i> , <b>2004</b> , 173, 4967-75	5.3	35
141	Synthesis and biological activity of ester and ether analogues of alpha-galactosylceramide (KRN7000). <i>Carbohydrate Research</i> , <b>2010</b> , 345, 1663-84	2.9	34
140	Expansion of NK cells with reduction of their inhibitory Ly-49A, Ly-49C, and Ly-49G2 receptor-expressing subsets in a murine helminth infection: contribution to parasite control. <i>Journal of Immunology</i> , <b>2002</b> , 168, 5199-206	5.3	34
139	Syngeneic monoclonal antibodies against melanoma antigens with species specificity and interspecies cross-reactivity. <i>Journal of Investigative Dermatology</i> , <b>1984</b> , 83, 128-33	4.3	34
138	Dual regulatory role of the thymus in the maturation of immune response in the rabbit. <i>Journal of Experimental Medicine</i> , <b>1974</b> , 139, 108-27	16.6	34
137	Treatment with alpha-galactosylceramide attenuates the development of bleomycin-induced pulmonary fibrosis. <i>Journal of Immunology</i> , <b>2004</b> , 172, 5782-9	5.3	33
136	Generation of functional NKT cells in vitro from embryonic stem cells bearing rearranged invariant Valpha14-Jalpha18 TCRalpha gene. <i>Blood</i> , <b>2010</b> , 115, 230-7	2.2	32
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