

Toshinori Nakayama

List of Publications by Citations

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252
papers

18,415
citations

75
h-index

127
g-index

260
ext. papers

20,482
ext. citations

10
avg, IF

6.19
L-index

#	Paper	IF	Citations
252	Tracking the response of natural killer T cells to a glycolipid antigen using CD1d tetramers. <i>Journal of Experimental Medicine</i> , 2000 , 192, 741-54	16.6	743
251	Essential role of NKT cells producing IL-4 and IL-13 in the development of allergen-induced airway hyperreactivity. <i>Nature Medicine</i> , 2003 , 9, 582-8	50.5	588
250	Activation of natural killer T cells by alpha-galactosylceramide treatment prevents the onset and recurrence of autoimmune Type 1 diabetes. <i>Nature Medicine</i> , 2001 , 7, 1057-62	50.5	546
249	Phosphate-activated glutaminase (GLS2), a p53-inducible regulator of glutamine metabolism and reactive oxygen species. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 7461-6	11.5	458
248	Natural killer-like nonspecific tumor cell lysis mediated by specific ligand-activated Valpha14 NKT cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 5690-3	11.5	398
247	Guidelines for the use of flow cytometry and cell sorting in immunological studies. <i>European Journal of Immunology</i> , 2017 , 47, 1584-1797	6.1	359
246	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> , 2000 , 191, 105-14	16.6	357
245	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> , 2005 , 11, 1910-7	12.9	344
244	Rap1 translates chemokine signals to integrin activation, cell polarization, and motility across vascular endothelium under flow. <i>Journal of Cell Biology</i> , 2003 , 161, 417-27	7.3	306
243	Fyn and Cdk5 mediate semaphorin-3A signaling, which is involved in regulation of dendrite orientation in cerebral cortex. <i>Neuron</i> , 2002 , 35, 907-20	13.9	287
242	Tyk2 plays a restricted role in IFN alpha signaling, although it is required for IL-12-mediated T cell function. <i>Immunity</i> , 2000 , 13, 561-71	32.3	275
241	The transcription factor GATA3 is critical for the development of all IL-7R α -expressing innate lymphoid cells. <i>Immunity</i> , 2014 , 40, 378-88	32.3	256
240	CD4 ⁺ T-cell subsets in inflammatory diseases: beyond the Th1/Th2 paradigm. <i>International Immunology</i> , 2016 , 28, 163-71	4.9	239
239	alpha-galactosylceramide-activated Valpha 14 natural killer T cells mediate protection against murine malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 8461-6	11.5	232
238	Requirement for natural killer T (NKT) cells in the induction of allograft tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 2577-81	11.5	220
237	Transcriptional reprogramming of mature CD4 ⁺ helper T cells generates distinct MHC class II-restricted cytotoxic T lymphocytes. <i>Nature Immunology</i> , 2013 , 14, 281-9	19.1	204
236	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> , 2008 , 205, 2727-33	16.6	201

235	Development and characterization of IL-21-producing CD4+ T cells. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1369-79	16.6	200
234	CD69 cell surface expression identifies developing thymocytes which audition for T cell antigen receptor-mediated positive selection. <i>International Immunology</i> , 1993 , 5, 1139-50	4.9	187
233	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> , 2006 , 12, 6079-86	12.9	184
232	Organization of immunological memory by bone marrow stroma. <i>Nature Reviews Immunology</i> , 2010 , 10, 193-200	36.5	183
231	The polycomb protein Ezh2 regulates differentiation and plasticity of CD4(+) T helper type 1 and type 2 cells. <i>Immunity</i> , 2013 , 39, 819-32	32.3	181
230	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> , 2009 , 182, 2492-501	5.3	181
229	Glycolipid activation of invariant T cell receptor+ NK T cells is sufficient to induce airway hyperreactivity independent of conventional CD4+ T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 2782-7	11.5	180
228	T cell antigen receptor-mediated activation of the Ras/mitogen-activated protein kinase pathway controls interleukin 4 receptor function and type-2 helper T cell differentiation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 1024-9	11.5	177
227	Th2 Cells in Health and Disease. <i>Annual Review of Immunology</i> , 2017 , 35, 53-84	34.7	168
226	Osteopontin as a mediator of NKT cell function in T cell-mediated liver diseases. <i>Immunity</i> , 2004 , 21, 539-50	32.3	167
225	Critical role of Valpha14+ natural killer T cells in the innate phase of host protection against Streptococcus pneumoniae infection. <i>European Journal of Immunology</i> , 2003 , 33, 3322-30	6.1	160
224	Inhibition of T helper cell type 2 cell differentiation and immunoglobulin E response by ligand-activated Valpha14 natural killer T cells. <i>Journal of Experimental Medicine</i> , 1999 , 190, 783-92	16.6	148
223	Involvement of decidual Valpha14 NKT cells in abortion. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000 , 97, 740-4	11.5	147
222	Identification of a conserved GATA3 response element upstream proximal from the interleukin-13 gene locus. <i>Journal of Biological Chemistry</i> , 2002 , 277, 42399-408	5.4	141
221	Specific niches for lung-resident memory CD8+ T cells at the site of tissue regeneration enable CD69-independent maintenance. <i>Journal of Experimental Medicine</i> , 2016 , 213, 3057-3073	16.6	139
220	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> , 2003 , 100, 10902-6	11.5	139
219	The interleukin-33-p38 kinase axis confers memory T helper 2 cell pathogenicity in the airway. <i>Immunity</i> , 2015 , 42, 294-308	32.3	138
218	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> , 2009 , 100, 1092-8	6.9	136

217	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> , 2008 , 57, 337-45	7.4	135
216	Activation of Valpha14(+) 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> , 2001 , 69, 213-20	3.7	131
215	Physical and functional interaction of murine and <i>Xenopus</i> Smad7 with bone morphogenetic protein receptors and transforming growth factor-beta receptors. <i>Journal of Biological Chemistry</i> , 1998 , 273, 25364-70	5.4	131
214	TSLP enhances the function of helper type 2 cells. <i>European Journal of Immunology</i> , 2011 , 41, 1862-71	6.1	130
213	Regulation of allergic airway inflammation through Toll-like receptor 4-mediated modification of mast cell function. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 2286-91	11.5	129
212	Ras-ERK MAPK cascade regulates GATA3 stability and Th2 differentiation through ubiquitin-proteasome pathway. <i>Journal of Biological Chemistry</i> , 2005 , 280, 29409-19	5.4	128
211	Intrathymic signalling in immature CD4+CD8+ thymocytes results in tyrosine phosphorylation of the T-cell receptor zeta chain. <i>Nature</i> , 1989 , 341, 651-4	50.4	126
210	Down-regulation of the invariant Valpha14 antigen receptor in NKT cells upon activation. <i>International Immunology</i> , 2004 , 16, 241-7	4.9	125
209	Crucial role of MLL for the maintenance of memory T helper type 2 cell responses. <i>Immunity</i> , 2006 , 24, 611-22	32.3	123
208	Inhibition of T cell receptor expression and function in immature CD4+CD8+ cells by CD4. <i>Science</i> , 1990 , 249, 1558-61	33.3	123
207	Induction of NKT cell-specific immune responses in cancer tissues after NKT cell-targeted adoptive immunotherapy. <i>Clinical Immunology</i> , 2011 , 138, 255-65	9	121
206	CD4(+) Valpha14 natural killer T cells are essential for acceptance of rat islet xenografts in mice. <i>Journal of Clinical Investigation</i> , 2000 , 105, 1761-7	15.9	121
205	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> , 2004 , 279, 26983-90	5.4	120
204	T-cell subset-specific expression of the IL-4 gene is regulated by a silencer element and STAT6. <i>EMBO Journal</i> , 1997 , 16, 4007-20	13	119
203	Fatty acid metabolic reprogramming via mTOR-mediated inductions of PPAR α directs early activation of T cells. <i>Nature Communications</i> , 2016 , 7, 13683	17.4	119
202	The transcription factor Sox4 is a downstream target of signaling by the cytokine TGF- β and suppresses T(H)2 differentiation. <i>Nature Immunology</i> , 2012 , 13, 778-86	19.1	118
201	Obesity Drives Th17 Cell Differentiation by Inducing the Lipid Metabolic Kinase, ACC1. <i>Cell Reports</i> , 2015 , 12, 1042-55	10.6	115
200	A homozygous mucosa-associated lymphoid tissue 1 (MALT1) mutation in a family with combined immunodeficiency. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 132, 151-8	11.5	106

199	IL-21-induced Bepsilon cell apoptosis mediated by natural killer T cells suppresses IgE responses. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2929-37	16.6	102
198	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> , 2005 , 102, 9253-7	11.5	98
197	Regulation of Th2 cell differentiation by mel-18, a mammalian polycomb group gene. <i>Immunity</i> , 2001 , 15, 275-87	32.3	98
196	The transcription factor Zbtb32 controls the proliferative burst of virus-specific natural killer cells responding to infection. <i>Nature Immunology</i> , 2014 , 15, 546-53	19.1	97
195	CD4(+) v(alpha)14 NKT cells play a crucial role in an early stage of protective immunity against infection with <i>Leishmania major</i> . <i>International Immunology</i> , 2000 , 12, 1267-74	4.9	95
194	MPO-ANCA induces IL-17 production by activated neutrophils in vitro via classical complement pathway-dependent manner. <i>Journal of Autoimmunity</i> , 2008 , 31, 79-89	15.5	91
193	Pathogenic memory type Th2 cells in allergic inflammation. <i>Trends in Immunology</i> , 2014 , 35, 69-78	14.4	89
192	Preserved IFN-alpha production of circulating Valpha24 NKT cells in primary lung cancer patients. <i>International Journal of Cancer</i> , 2002 , 102, 159-65	7.5	89
191	IL-22 attenuates IL-25 production by lung epithelial cells and inhibits antigen-induced eosinophilic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2011 , 128, 1067-76.e1-6	11.5	88
190	Eomesodermin controls interleukin-5 production in memory T helper 2 cells through inhibition of activity of the transcription factor GATA3. <i>Immunity</i> , 2011 , 35, 733-45	32.3	88
189	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> , 2000 , 191, 1869-79	16.6	88
188	Asymmetric Action of STAT Transcription Factors Drives Transcriptional Outputs and Cytokine Specificity. <i>Immunity</i> , 2015 , 42, 877-89	32.3	87
187	NKT cells as an ideal anti-tumor immunotherapeutic. <i>Frontiers in Immunology</i> , 2013 , 4, 409	8.4	87
186	Type II membrane protein CD69 regulates the formation of resting T-helper memory. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 7409-14	11.5	87
185	Bmi1 regulates memory CD4 T cell survival via repression of the Noxa gene. <i>Journal of Experimental Medicine</i> , 2008 , 205, 1109-20	16.6	87
184	Sox5 and c-Maf cooperatively induce Th17 cell differentiation via ROR γ induction as downstream targets of Stat3. <i>Journal of Experimental Medicine</i> , 2014 , 211, 1857-74	16.6	81
183	Hematopoietic stem cell and marrow stromal cell for spinal cord injury in mice. <i>NeuroReport</i> , 2005 , 16, 1763-7	1.7	81
182	Macrophage migration inhibitory factor: a central regulator of wound healing. <i>American Journal of Pathology</i> , 2005 , 167, 1561-74	5.8	79

181	T cell receptor-mediated signaling events in CD4+CD8+ thymocytes undergoing thymic selection: requirement of calcineurin activation for thymic positive selection but not negative selection. <i>Journal of Experimental Medicine</i> , 1995 , 181, 927-41	16.6	79
180	STAT6-mediated displacement of polycomb by trithorax complex establishes long-term maintenance of GATA3 expression in T helper type 2 cells. <i>Journal of Experimental Medicine</i> , 2010 , 207, 2493-506	16.6	78
179	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> , 2007 , 9, 364-74	9.3	76
178	Type II NKT cells stimulate diet-induced obesity by mediating adipose tissue inflammation, steatohepatitis and insulin resistance. <i>PLoS ONE</i> , 2012 , 7, e30568	3.7	75
177	Thy1+IL-7+ lymphatic endothelial cells in iBALT provide a survival niche for memory T-helper cells in allergic airway inflammation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E2842-51	11.5	74
176	CD4(+)CD25(+) T-cell development is regulated by at least 2 distinct mechanisms. <i>Blood</i> , 2002 , 99, 555-60.	6.2	72
175	Clinical applications of natural killer T cell-based immunotherapy for cancer. <i>Cancer Science</i> , 2008 , 99, 638-45	6.9	71
174	Anti-tumor immune responses induced by iNKT cell-based immunotherapy for lung cancer and head and neck cancer. <i>Clinical Immunology</i> , 2011 , 140, 167-76	9	70
173	Sex dimorphism in wound healing: the roles of sex steroids and macrophage migration inhibitory factor. <i>Endocrinology</i> , 2008 , 149, 5747-57	4.8	70
172	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> , 2001 , 13, 105-17.	4.9	70
171	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> , 2003 , 19, 281-94	32.3	69
170	Novel post-translational regulation of TCR expression in CD4+CD8+ thymocytes influenced by CD4. <i>Nature</i> , 1990 , 344, 247-51	50.4	68
169	The Menin-Bach2 axis is critical for regulating CD4 T-cell senescence and cytokine homeostasis. <i>Nature Communications</i> , 2014 , 5, 3555	17.4	67
168	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> , 2011 , 139, 65-74	9	67
167	The TCR-mediated signaling pathways that control the direction of helper T cell differentiation. <i>Seminars in Immunology</i> , 2010 , 22, 303-9	10.7	67
166	During <i>Trypanosoma cruzi</i> infection CD1d-restricted NK T cells limit parasitemia and augment the antibody response to a glycosphosphoinositol-modified surface protein. <i>Infection and Immunity</i> , 2002 , 70, 36-48	3.7	67
165	Requirement for p56lck tyrosine kinase activation in T cell receptor-mediated thymic selection. <i>Journal of Experimental Medicine</i> , 1996 , 184, 931-43	16.6	67
164	Ultraviolet A-induced production of matrix metalloproteinase-1 is mediated by macrophage migration inhibitory factor (MIF) in human dermal fibroblasts. <i>Journal of Biological Chemistry</i> , 2004 , 279, 1676-83	5.4	66

163	In vivo calcium elevations in thymocytes with T cell receptors that are specific for self ligands. <i>Science</i> , 1992 , 257, 96-9	33.3	66
162	Recognition and function of Valpha14 NKT cells. <i>Seminars in Immunology</i> , 2000 , 12, 543-50	10.7	63
161	Requirement for p56(lck) tyrosine kinase activation in Th subset differentiation. <i>International Immunology</i> , 1998 , 10, 577-91	4.9	63
160	Initiation and maintenance of Th2 cell identity. <i>Current Opinion in Immunology</i> , 2008 , 20, 265-71	7.8	62
159	Natural killer T cell-mediated antitumor immune responses and their clinical applications. <i>Cancer Science</i> , 2006 , 97, 807-12	6.9	62
158	Deficiency of the macrophage migration inhibitory factor gene has no significant effect on endotoxaemia. <i>Immunology</i> , 2000 , 100, 84-90	7.8	61
157	Bcl6 controls the Th2 inflammatory activity of regulatory T cells by repressing Gata3 function. <i>Journal of Immunology</i> , 2012 , 189, 4759-69	5.3	59
156	Role of NKT cells in allergic asthma. <i>Current Opinion in Immunology</i> , 2010 , 22, 807-13	7.8	59
155	CD69 controls the pathogenesis of allergic airway inflammation. <i>Journal of Immunology</i> , 2009 , 183, 8203-15	5.5	58
154	Functionally distinct Gata3/Chd4 complexes coordinately establish T helper 2 (Th2) cell identity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 4691-6	11.5	55
153	Essential role of endogenous heat shock protein 90 of dendritic cells in antigen cross-presentation. <i>Journal of Immunology</i> , 2010 , 185, 2693-700	5.3	55
152	CD69 regulates type I IFN-induced tolerogenic signals to mucosal CD4 T cells that attenuate their colitogenic potential. <i>Journal of Immunology</i> , 2012 , 188, 2001-13	5.3	54
151	Activation of natural killer T cells ameliorates postinfarct cardiac remodeling and failure in mice. <i>Circulation Research</i> , 2012 , 111, 1037-47	15.7	54
150	Toll-like receptors in the respiratory system: their roles in inflammation. <i>Current Allergy and Asthma Reports</i> , 2008 , 8, 7-13	5.6	54
149	Correlation between interleukin 6 production and tumor proliferation in non-small cell lung cancer. <i>Cancer Immunology, Immunotherapy</i> , 2004 , 53, 786-92	7.4	54
148	Nanoparticulation of BCG-CWS for application to bladder cancer therapy. <i>Journal of Controlled Release</i> , 2014 , 176, 44-53	11.7	53
147	The apelin/APJ system induces maturation of the tumor vasculature and improves the efficiency of immune therapy. <i>Oncogene</i> , 2012 , 31, 3254-64	9.2	53
146	Inhibition of joint inflammation and destruction induced by anti-type II collagen antibody/lipopolysaccharide (LPS)-induced arthritis in mice due to deletion of macrophage migration inhibitory factor (MIF). <i>Cytokine</i> , 2004 , 26, 187-94	4	52

145	Bach2-Batf interactions control Th2-type immune response by regulating the IL-4 amplification loop. <i>Nature Communications</i> , 2016 , 7, 12596	17.4	51
144	Accumulation of activated invariant natural killer T cells in the tumor microenvironment after β -galactosylceramide-pulsed antigen presenting cells. <i>Journal of Clinical Immunology</i> , 2012 , 32, 1071-81	5.7	51
143	Physical dissociation of the TCR-CD3 complex accompanies receptor ligation. <i>Journal of Experimental Medicine</i> , 1995 , 182, 1997-2006	16.6	51
142	CD69-null mice protected from arthritis induced with anti-type II collagen antibodies. <i>International Immunology</i> , 2003 , 15, 987-92	4.9	50
141	Regulation of T helper type 2 cell differentiation by murine Schnurri-2. <i>Journal of Experimental Medicine</i> , 2005 , 201, 397-408	16.6	50
140	A novel recognition motif of human NKT antigen receptor for a glycolipid ligand. <i>International Immunology</i> , 1999 , 11, 881-7	4.9	50
139	The Transcription Factor T-bet Limits Amplification of Type I IFN Transcriptome and Circuitry in T Helper 1 Cells. <i>Immunity</i> , 2017 , 46, 983-991.e4	32.3	48
138	Epigenetic regulation of T-helper cell differentiation, memory, and plasticity in allergic asthma. <i>Immunological Reviews</i> , 2017 , 278, 8-19	11.3	48
137	Induction of differentiation of pre-NKT cells to mature V α 14 NKT cells by granulocyte/macrophage colony-stimulating factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1999 , 96, 7439-44	11.5	48
136	The Runx3 transcription factor augments Th1 and down-modulates Th2 phenotypes by interacting with and attenuating GATA3. <i>Journal of Immunology</i> , 2009 , 183, 7817-24	5.3	47
135	Interleukin (IL)-4-independent maintenance of histone modification of the IL-4 gene loci in memory Th2 cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 39454-64	5.4	47
134	Crucial amino acid residues of mouse CD1d for glycolipid ligand presentation to V(α)14 NKT cells. <i>International Immunology</i> , 2001 , 13, 853-61	4.9	47
133	The obesity-related pathology and Th17 cells. <i>Cellular and Molecular Life Sciences</i> , 2017 , 74, 1231-1245	10.3	45
132	Repressor of GATA regulates TH2-driven allergic airway inflammation and airway hyperresponsiveness. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 122, 512-20.e11	11.5	43
131	Gfi1-mediated stabilization of GATA3 protein is required for Th2 cell differentiation. <i>Journal of Biological Chemistry</i> , 2008 , 283, 28216-25	5.4	43
130	Contribution of neutrophil-derived myeloperoxidase in the early phase of fulminant acute respiratory distress syndrome induced by influenza virus infection. <i>Microbiology and Immunology</i> , 2012 , 56, 171-82	2.7	42
129	Genome-wide analysis reveals unique regulation of transcription of Th2-specific genes by GATA3. <i>Journal of Immunology</i> , 2011 , 186, 6378-89	5.3	42
128	Critical role of the Polycomb and Trithorax complexes in the maintenance of CD4 T cell memory. <i>Seminars in Immunology</i> , 2009 , 21, 78-83	10.7	42

127	Induction of natural killer cell-dependent antitumor immunity by the Autographa californica multiple nuclear polyhedrosis virus. <i>Molecular Therapy</i> , 2008 , 16, 261-8	11.7	42
126	Crucial role for CD69 in allergic inflammatory responses: CD69-MyI9 system in the pathogenesis of airway inflammation. <i>Immunological Reviews</i> , 2017 , 278, 87-100	11.3	41
125	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> , 2010 , 153, 378-87	3.7	40
124	Interleukin-25 and mucosal T cells in noneosinophilic and eosinophilic chronic rhinosinusitis. <i>Annals of Allergy, Asthma and Immunology</i> , 2015 , 114, 289-98	3.2	39
123	Plasma membrane-focused proteomics: dramatic changes in surface expression during the maturation of human dendritic cells. <i>Proteomics</i> , 2005 , 5, 4001-11	4.8	39
122	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> , 2008 , 20, 869-79	4.9	38
121	Cysteine-dependent immune regulation by TRX and MIF/GIF family proteins. <i>Immunology Letters</i> , 2004 , 92, 143-7	4.1	37
120	CD103 T cells constrain lung fibrosis induced by CD103 tissue-resident pathogenic CD4 T cells. <i>Nature Immunology</i> , 2019 , 20, 1469-1480	19.1	36
119	CD28 costimulation controls histone hyperacetylation of the interleukin 5 gene locus in developing th2 cells. <i>Journal of Biological Chemistry</i> , 2004 , 279, 23123-33	5.4	36
118	Direct activation of glomerular endothelial cells by anti-moesin activity of anti-myeloperoxidase antibody. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 2752-60	4.3	35
117	Platelet-rich plasma inhibits the apoptosis of highly adipogenic homogeneous preadipocytes in an in vitro culture system. <i>Experimental and Molecular Medicine</i> , 2012 , 44, 330-9	12.8	33
116	Up-regulation of adhesion molecule expression in glomerular endothelial cells by anti-myeloperoxidase antibody. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 77-87	4.3	33
115	A novel autoantibody against moesin in the serum of patients with MPO-ANCA-associated vasculitis. <i>Nephrology Dialysis Transplantation</i> , 2014 , 29, 1168-77	4.3	32
114	Color-coded real-time cellular imaging of lung T-lymphocyte accumulation and focus formation in a mouse asthma model. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 125, 461-468.e6	11.5	31
113	Activation of invariant natural killer T cells by α -galactosylceramide ameliorates myocardial ischemia/reperfusion injury in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 62, 179-88	5.8	30
112	Adjuvant activity mediated by iNKT cells. <i>Seminars in Immunology</i> , 2010 , 22, 97-102	10.7	30
111	TH1-biased immunity induced by exposure to Antarctic winter. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 1353-60	11.5	30
110	Dendritic cell maturation by CD11c- T cells and Valpha24+ natural killer T-cell activation by alpha-galactosylceramide. <i>International Journal of Cancer</i> , 2005 , 117, 265-73	7.5	30

109	Ligand-stimulated signaling events in immature CD4+CD8+ thymocytes expressing competent T-cell receptor complexes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 9949-53	11.5	30
108	CD45RAFoxp3 regulatory T cells have a negative impact on the clinical outcome of head and neck squamous cell carcinoma. <i>Cancer Immunology, Immunotherapy</i> , 2017 , 66, 1275-1285	7.4	29
107	Blockade of programmed death-1/programmed death ligand pathway enhances the antitumor immunity of human invariant natural killer T cells. <i>Cancer Immunology, Immunotherapy</i> , 2016 , 65, 1477-1489	7.4	29
106	Detection of natural killer T cells in the sinus mucosa from asthmatics with chronic sinusitis. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2007 , 62, 1451-5	9.3	29
105	Chromatin remodeling at the Th2 cytokine gene loci in human type 2 helper T cells. <i>Molecular Immunology</i> , 2007 , 44, 2249-56	4.3	29
104	Protective roles of B and T lymphocyte attenuator in NKT cell-mediated experimental hepatitis. <i>Journal of Immunology</i> , 2010 , 184, 127-33	5.3	27
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