Toshinori Nakayama

List of Publications by Year
in descending order

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258	21,920	6613	11052
papers	citations	79 h-index	137 g-index

260	260	260	24008
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Tracking the Response of Natural Killer T Cells to a Glycolipid Antigen Using Cd1d Tetramers. Journal of Experimental Medicine, 2000, 192, 741-754.	8.5	818
2	Essential role of NKT cells producing IL-4 and IL-13 in the development of allergen-induced airway hyperreactivity. Nature Medicine, 2003, 9, 582-588.	30.7	639
3	Activation of natural killer T cells by Î±-galactosylceramide treatment prevents the onset and recurrence of autoimmune Type 1 diabetes. Nature Medicine, 2001, 7, 1057-1062.	30.7	585
4	Phosphate-activated glutaminase (GLS2), a p53-inducible regulator of glutamine metabolism and reactive oxygen species. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 7461-7466.	7.1	548
5	Guidelines for the use of flow cytometry and cell sorting in immunological studies[*]. European Journal of Immunology, 2017, 47, 1584-1797.	2.9	505
6	Natural killer-like nonspecific tumor cell lysis mediated by specific ligand-activated VÂ14 NKT cells. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 5690-5693.	7.1	443
7	Augmentation of VÎ±14 Nkt Cellâ€“Mediated Cytotoxicity by Interleukin 4 in an Autocrine Mechanism Resulting in the Development of Concanavalin aâ€“Induced Hepatitis. Journal of Experimental Medicine, 2000, 191, 105-114.	8.5	390
8	A Phase I Study of Î±-Galactosylceramide (KRN7000)â€“Pulsed Dendritic Cells in Patients with Advanced and Recurrent Nonâ€“Small Cell Lung Cancer. Clinical Cancer Research, 2005, 11, 1910-1917.	7.0	379
9	CD4 + T-cell subsets in inflammatory diseases: beyond the T h 1/T h 2 paradigm. International Immunology, 2016, 28, 163-171.	4.0	343
10	Rap1 translates chemokine signals to integrin activation, cell polarization, and motility across vascular endothelium under flow. Journal of Cell Biology, 2003, 161, 417-427.	5.2	339
11	The Transcription Factor GATA3 Is Critical for the Development of All IL-7RÎ±-Expressing Innate Lymphoid Cells. Immunity, 2014, 40, 378-388.	14.3	320
12	Fyn and Cdk5 Mediate Semaphorin-3A Signaling, Which Is Involved in Regulation of Dendrite Orientation in Cerebral Cortex. Neuron, 2002, 35, 907-920.	8.1	311
13	Tyk2 Plays a Restricted Role in IFNÎ± Signaling, Although It Is Required for IL-12-Mediated T Cell Function. Immunity, 2000, 13, 561-571.	14.3	307
14	Transcriptional reprogramming of mature CD4+ helper T cells generates distinct MHC class IIâ€“restricted cytotoxic T lymphocytes. Nature Immunology, 2013, 14, 281-289.	14.5	306
15	Th2 Cells in Health and Disease. Annual Review of Immunology, 2017, 35, 53-84.	21.8	283
16	The Polycomb Protein Ezh2 Regulates Differentiation and Plasticity of CD4+ T Helper Type 1 and Type 2 Cells. Immunity, 2013, 39, 819-832.	14.3	260
17	Î±-Galactosylceramide-activated VÎ±14 natural killer T cells mediate protection against murine malaria. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 8461-8466.	7.1	249
18	Requirement for natural killer T (NKT) cells in the induction of allograft tolerance. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 2577-2581.	7.1	241

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19	Development and characterization of IL-21â€“producing CD4+ T cells. Journal of Experimental Medicine, 2008, 205, 1369-1379.	8.5	224
20	A novel subset of mouse NKT cells bearing the IL-17 receptor B responds to IL-25 and contributes to airway hyperreactivity. Journal of Experimental Medicine, 2008, 205, 2727-2733.	8.5	224
21	A Phase I Study of In vitro Expanded Natural Killer T Cells in Patients with Advanced and Recurrent Nonâ€“Small Cell Lung Cancer. Clinical Cancer Research, 2006, 12, 6079-6086.	7.0	217
22	The NKT cell system: bridging innate and acquired immunity. Nature Immunology, 2003, 4, 1164-1165.	14.5	214
23	Organization of immunological memory by bone marrow stroma. Nature Reviews Immunology, 2010, 10, 193-200.	22.7	210
24	CD69 cell surface expression identifies developing thymocytes which audition for T cell antigen receptor-mediated positive selection. International Immunology, 1993, 5, 1139-1150.	4.0	208
25	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, 2782-2787.	7.1	206
26	A Phase I-II Study of Î±-Galactosylceramide-Pulsed IL-2/GM-CSF-Cultured Peripheral Blood Mononuclear Cells in Patients with Advanced and Recurrent Non-Small Cell Lung Cancer. Journal of Immunology, 2009, 182, 2492-2501.	0.8	206
27	The Interleukin-33-p38 Kinase Axis Confers Memory T Helper 2 Cell Pathogenicity in the Airway. Immunity, 2015, 42, 294-308.	14.3	199
28	Specific niches for lung-resident memory CD8+ T cells at the site of tissue regeneration enable CD69-independent maintenance. Journal of Experimental Medicine, 2016, 213, 3057-3073.	8.5	196
29	Fatty acid metabolic reprogramming via mTOR-mediated inductions of PPARÎ³ directs early activation of T cells. Nature Communications, 2016, 7, 13683.	12.8	194
30	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. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 1024-1029.	7.1	188
31	Osteopontin as a Mediator of NKT Cell Function in T Cell-Mediated Liver Diseases. Immunity, 2004, 21, 539-550.	14.3	186
32	Obesity Drives Th17 Cell Differentiation by Inducing the Lipid Metabolic Kinase, ACC1. Cell Reports, 2015, 12, 1042-1055.	6.4	182
33	Critical role of VÎ±14+ natural killer Tâ€„cells in the innate phase of host protection againstStreptococcus pneumoniae infection. European Journal of Immunology, 2003, 33, 3322-3330.	2.9	176
34	TSLP enhances the function of helper type 2 cells. European Journal of Immunology, 2011, 41, 1862-1871.	2.9	176
35	Combination therapy of inÂvitroâ€expanded natural killer T cells and Î±-â€galactosylceramideâ€pulsed antigenâ€presenting cells in patients with recurrent head and neck carcinoma. Cancer Science, 2009, 100, 1092-1098.	3.9	168
36	Involvement of decidual Valpha 14 NKT cells in abortion. Proceedings of the National Academy of Sciences of the United States of America, 2000, 97, 740-744.	7.1	167

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37	Identification of a Conserved GATA3 Response Element Upstream Proximal from the Interleukin-13 Gene Locus. Journal of Biological Chemistry, 2002, 277, 42399-42408.	3.4	157
38	The transcription factor Sox4 is a downstream target of signaling by the cytokine TGF-Î² and suppresses TH2 differentiation. Nature Immunology, 2012, 13, 778-786.	14.5	157
39	Inhibition of T Helper Cell Type 2 Cell Differentiation and Immunoglobulin E Response by Ligand-Activated VÎ±14 Natural Killer T Cells. Journal of Experimental Medicine, 1999, 190, 783-792.	8.5	153
40	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, 10902-10906.	7.1	152
41	Phase I study of Î±-galactosylceramide-pulsed antigen presenting cells administration to the nasal submucosa in unresectable or recurrent head and neck cancer. Cancer Immunology, Immunotherapy, 2008, 57, 337-345.	4.2	152
42	Induction of NKT cell-specific immune responses in cancer tissues after NKT cell-targeted adoptive immunotherapy. Clinical Immunology, 2011, 138, 255-265.	3.2	150
43	Physical and Functional Interaction of Murine and Xenopus Smad7 with Bone Morphogenetic Protein Receptors and Transforming Growth Factor-Î² Receptors. Journal of Biological Chemistry, 1998, 273, 25364-25370.	3.4	143
44	Ras-ERK MAPK Cascade Regulates GATA3 Stability and Th2 Differentiation through Ubiquitin-Proteasome Pathway. Journal of Biological Chemistry, 2005, 280, 29409-29419.	3.4	141
45	Activation of VÎ±14+ Natural Killer T Cells by Î±-Galactosylceramide Results in Development of Th1 Response and Local Host Resistance in Mice Infected with Cryptococcus neoformans. Infection and Immunity, 2001, 69, 213-220.	2.2	140
46	Intrathymic signalling in immature CD4+ CD8+ thymocytes results in tyrosine phosphorylation of the T-cell receptor zeta chain. Nature, 1989, 341, 651-654.	27.8	137
47	Asymmetric Action of STAT Transcription Factors Drives Transcriptional Outputs and Cytokine Specificity. Immunity, 2015, 42, 877-889.	14.3	137
48	Regulation of allergic airway inflammation through Toll-like receptor 4-mediated modification of mast cell function. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 2286-2291.	7.1	136
49	CD4+ VÎ±14 natural killer T cells are essential for acceptance of rat islet xenografts in mice. Journal of Clinical Investigation, 2000, 105, 1761-1767.	8.2	136
50	Crucial Role of MLL for the Maintenance of Memory T Helper Type 2 Cell Responses. Immunity, 2006, 24, 611-622.	14.3	134
51	Essential Role of GATA3 for the Maintenance of Type 2 Helper T (Th2) Cytokine Production and Chromatin Remodeling at the Th2 Cytokine Gene Loci. Journal of Biological Chemistry, 2004, 279, 26983-26990.	3.4	133
52	The transcription factor Zbtb32 controls the proliferative burst of virus-specific natural killer cells responding to infection. Nature Immunology, 2014, 15, 546-553.	14.5	132
53	Inhibition of T cell receptor expression and function in immature CD4+CD8+ cells by CD4. Science, 1990, 249, 1558-1561.	12.6	131
54	T-cell subset-specific expression of the IL-4 gene is regulated by a silencer element and STAT6. EMBO Journal, 1997, 16, 4007-4020.	7.8	131

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55	Sox5 and c-Maf cooperatively induce Th17 cell differentiation via RORÎ³t induction as downstream targets of Stat3. Journal of Experimental Medicine, 2014, 211, 1857-1874.	8.5	128
56	Downâ€•regulation of the invariant VÎ±14 antigen receptor in NKT cells upon activation. International Immunology, 2004, 16, 241-247.	4.0	127
57	A homozygous mucosa-associated lymphoid tissue 1 (MALT1) mutation in a family with combined immunodeficiency. Journal of Allergy and Clinical Immunology, 2013, 132, 151-158.	2.9	124
58	Type II membrane protein CD69 regulates the formation of resting T-helper memory. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7409-7414.	7.1	121
59	Regulation of Th2 Cell Differentiation by mel-18, a Mammalian Polycomb Group Gene. Immunity, 2001, 15, 275-287.	14.3	107
60	IL-21â€“induced BÎµ cell apoptosis mediated by natural killer T cells suppresses IgE responses. Journal of Experimental Medicine, 2006, 203, 2929-2937.	8.5	107
61	Pathogenic memory type Th2 cells in allergic inflammation. Trends in Immunology, 2014, 35, 69-78.	6.8	104
62	Eomesodermin Controls Interleukin-5 Production in Memory T Helper 2 Cells through Inhibition of Activity of the Transcription Factor GATA3. Immunity, 2011, 35, 733-745.	14.3	103
63	NKT Cells as an Ideal Anti-Tumor Immunotherapeutic. Frontiers in Immunology, 2013, 4, 409.	4.8	103
64	Accelerated chemically induced tumor development mediated by CD4+CD25+ regulatory T cells in wild-type hosts. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 9253-9257.	7.1	102
65	Bmi1 regulates memory CD4 T cell survival via repression of the Noxa gene. Journal of Experimental Medicine, 2008, 205, 1109-1120.	8.5	102
66	IL-22 attenuates IL-25 production by lung epithelial cells and inhibits antigen-induced eosinophilic airway inflammation. Journal of Allergy and Clinical Immunology, 2011, 128, 1067-1076.e6.	2.9	100
67	CD4+ Valpha14 NKT cells play a crucial role in an early stage of protective immunity against infection with Leishmania major. International Immunology, 2000, 12, 1267-1274.	4.0	99
68	MPO-ANCA induces IL-17 production by activated neutrophils in vitro via its Fc region- and complement-dependent manner. Journal of Autoimmunity, 2008, 31, 79-89.	6.5	98
69	T Cell Receptorâ€“Induced Calcineurin Activation Regulates T Helper Type 2 Cell Development by Modifying the Interleukin 4 Receptor Signaling Complex. Journal of Experimental Medicine, 2000, 191, 1869-1880.	8.5	97
70	Thy1⁺IL-7⁺lymphatic endothelial cells in iBALT provide a survival niche for memory T-helper cells in allergic airway inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2842-51.	7.1	97
71	Preserved IFN-? production of circulating V?24 NKT cells in primary lung cancer patients. International Journal of Cancer, 2002, 102, 159-165.	5.1	96
72	Anti-tumor immune responses induced by iNKT cell-based immunotherapy for lung cancer and head and neck cancer. Clinical Immunology, 2011, 140, 167-176.	3.2	93

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73	Macrophage Migration Inhibitory Factor. American Journal of Pathology, 2005, 167, 1561-1574.	3.8	89
74	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.. Journal of Experimental Medicine, 1995, 181, 927-941.	8.5	88
75	STAT6-mediated displacement of polycomb by trithorax complex establishes long-term maintenance of GATA3 expression in T helper type 2 cells. Journal of Experimental Medicine, 2010, 207, 2493-2506.	8.5	87
76	The TCR-mediated signaling pathways that control the direction of helper T cell differentiation. Seminars in Immunology, 2010, 22, 303-309.	5.6	86
77	Type II NKT Cells Stimulate Diet-Induced Obesity by Mediating Adipose Tissue Inflammation, Steatohepatitis and Insulin Resistance. PLoS ONE, 2012, 7, e30568.	2.5	86
78	Hematopoietic stem cell and marrow stromal cell for spinal cord injury in mice. NeuroReport, 2005, 16, 1763-1767.	1.2	84
79	Sex Dimorphism in Wound Healing: The Roles of Sex Steroids and Macrophage Migration Inhibitory Factor. Endocrinology, 2008, 149, 5747-5757.	2.8	84
80	Role of interferon-Î³ in VÎ±14+ natural killer T cell-mediated host defense against Streptococcus pneumoniae infection in murine lungs. Microbes and Infection, 2007, 9, 364-374.	1.9	83
81	The Meninâ€“Bach2 axis is critical for regulating CD4 T-cell senescence and cytokine homeostasis. Nature Communications, 2014, 5, 3555.	12.8	82
82	Ultraviolet A-induced Production of Matrix Metalloproteinase-1 Is Mediated by Macrophage Migration Inhibitory Factor (MIF) in Human Dermal Fibroblasts. Journal of Biological Chemistry, 2004, 279, 1676-1683.	3.4	81
83	Bcl6 Controls the Th2 Inflammatory Activity of Regulatory T Cells by Repressing Gata3 Function. Journal of Immunology, 2012, 189, 4759-4769.	0.8	81
84	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. Clinical Immunology, 2011, 139, 65-74.	3.2	80
85	CD103hi Treg cells constrain lung fibrosis induced by CD103lo tissue-resident pathogenic CD4 T cells. Nature Immunology, 2019, 20, 1469-1480.	14.5	80
86	CD8 T Cell-Specific Downregulation of Histone Hyperacetylation and Gene Activation of the IL-4 Gene Locus by ROG, Repressor of GATA. Immunity, 2003, 19, 281-294.	14.3	79
87	Clinical applications of natural killer T cellâ€“based immunotherapy for cancer. Cancer Science, 2008, 99, 638-645.	3.9	79
88	The Transcription Factor T-bet Limits Amplification of Type I IFN Transcriptome and Circuitry in T Helper 1 Cells. Immunity, 2017, 46, 983-991.e4.	14.3	79
89	Progression of T cell lineage restriction in the earliest subpopulation of murine adult thymus visualized by the expression of lck proximal promoter activity. International Immunology, 2001, 13, 105-117.	4.0	78
90	Initiation and maintenance of Th2 cell identity. Current Opinion in Immunology, 2008, 20, 265-271.	5.5	78

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91	Functionally distinct Gata3/Chd4 complexes coordinately establish T helper 2 (Th2) cell identity. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 4691-4696.	7.1	78
92	CD4+CD25+ T-cell development is regulated by at least 2 distinct mechanisms. Blood, 2002, 99, 555-560.	1.4	77
93	Requirement for p56lck tyrosine kinase activation in T cell receptor-mediated thymic selection.. Journal of Experimental Medicine, 1996, 184, 931-943.	8.5	73
94	Activation of Natural Killer T Cells Ameliorates Postinfarct Cardiac Remodeling and Failure in Mice. Circulation Research, 2012, 111, 1037-1047.	4.5	73
95	Bach2â€"Batf interactions control Th2-type immune response by regulating the IL-4 amplification loop. Nature Communications, 2016, 7, 12596.	12.8	73
96	Recognition and function of VÎ±14 NKT cells. Seminars in Immunology, 2000, 12, 543-550.	5.6	72
97	In vivo calcium elevations in thymocytes with T cell receptors that are specific for self ligands. Science, 1992, 257, 96-99.	12.6	71
98	Novel post-translational regulation of TCR expression in CD4+CD8+ thymocytes influenced by CD4. Nature, 1990, 344, 247-251.	27.8	70
99	Epigenetic regulation of Tâ€helper cell differentiation, memory, and plasticity in allergic asthma. Immunological Reviews, 2017, 278, 8-19.	6.0	70
100	During Trypanosoma cruzi Infection CD1d-Restricted NK T Cells Limit Parasitemia and Augment the Antibody Response to a Glycophosphoinositol-Modified Surface Protein. Infection and Immunity, 2002, 70, 36-48.	2.2	69
101	CD69 Controls the Pathogenesis of Allergic Airway Inflammation. Journal of Immunology, 2009, 183, 8203-8215.	0.8	68
102	CD69 Regulates Type I IFN-Induced Tolerogenic Signals to Mucosal CD4 T Cells That Attenuate Their Colitogenic Potential. Journal of Immunology, 2012, 188, 2001-2013.	0.8	68
103	Requirement for p56(lck) tyrosine kinase activation in Th subset differentiation. International Immunology, 1998, 10, 577-591.	4.0	67
104	Deficiency of the macrophage migration inhibitory factor gene has no significant effect on endotoxaemia. Immunology, 2000, 100, 84-90.	4.4	67
105	The Runx3 Transcription Factor Augments Th1 and Down-Modulates Th2 Phenotypes by Interacting with and Attenuating GATA3. Journal of Immunology, 2009, 183, 7817-7824.	0.8	67
106	Role of NKT cells in allergic asthma. Current Opinion in Immunology, 2010, 22, 807-813.	5.5	67
107	Natural killer T cell-mediated antitumor immune responses and their clinical applications. Cancer Science, 2006, 97, 807-812.	3.9	66
108	Nanoparticulation of BCG-CWS for application to bladder cancer therapy. Journal of Controlled Release, 2014, 176, 44-53.	9.9	66

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109	Crucial role for <scp>CD</scp>69 in allergic inflammatory responses: <scp>CD</scp>69â€Myl9 system in the pathogenesis of airway inflammation. Immunological Reviews, 2017, 278, 87-100.	6.0	66
110	The obesity-related pathology and Th17 cells. Cellular and Molecular Life Sciences, 2017, 74, 1231-1245.	5.4	65
111	Essential Role of Endogenous Heat Shock Protein 90 of Dendritic Cells in Antigen Cross-Presentation. Journal of Immunology, 2010, 185, 2693-2700.	0.8	62
112	Correlation between interleukin 6 production and tumor proliferation in non-small cell lung cancer. Cancer Immunology, Immunotherapy, 2004, 53, 786-92.	4.2	61
113	Accumulation of Activated Invariant Natural Killer T Cells in the Tumor Microenvironment after Î±-Galactosylceramide-Pulsed Antigen Presenting Cells. Journal of Clinical Immunology, 2012, 32, 1071-1081.	3.8	61
114	Toll-like receptors in the respiratory system: Their roles in inflammation. Current Allergy and Asthma Reports, 2008, 8, 7-13.	5.3	60
115	The apelin/APJ system induces maturation of the tumor vasculature and improves the efficiency of immune therapy. Oncogene, 2012, 31, 3254-3264.	5.9	60
116	CD69â€null mice protected from arthritis induced with antiâ€type II collagen antibodies. International Immunology, 2003, 15, 987-992.	4.0	59
117	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). Cytokine, 2004, 26, 187-194.	3.2	58
118	A novel recognition motif of human NKT antigen receptor for a glycolipid ligand. International Immunology, 1999, 11, 881-887.	4.0	56
119	Regulation of T helper type 2 cell differentiation by murine Schnurri-2. Journal of Experimental Medicine, 2005, 201, 397-408.	8.5	56
120	Repressor of GATA regulates TH2-driven allergic airway inflammation and airway hyperresponsiveness. Journal of Allergy and Clinical Immunology, 2008, 122, 512-520.e11.	2.9	56
121	Interleukin (IL)-4-independent Maintenance of Histone Modification of the IL-4 Gene Loci in Memory Th2 Cells. Journal of Biological Chemistry, 2004, 279, 39454-39464.	3.4	55
122	Physical dissociation of the TCR-CD3 complex accompanies receptor ligation.. Journal of Experimental Medicine, 1995, 182, 1997-2006.	8.5	54
123	Genome-Wide Analysis Reveals Unique Regulation of Transcription of Th2-Specific Genes by GATA3. Journal of Immunology, 2011, 186, 6378-6389.	0.8	53
124	Induction of differentiation of pre-NKT cells to mature VÂ14 NKT cells by granulocyte/macrophage colony-stimulating factor. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 7439-7444.	7.1	52
125	Critical role of the Polycomb and Trithorax complexes in the maintenance of CD4 T cell memory. Seminars in Immunology, 2009, 21, 78-83.	5.6	52
126	Contribution of neutrophilâ€derived myeloperoxidase in the early phase of fulminant acute respiratory distress syndrome induced by influenza virus infection. Microbiology and Immunology, 2012, 56, 171-182.	1.4	51

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127	Interleukin-25 and mucosal T cells in noneosinophilic and eosinophilic chronic rhinosinusitis. Annals of Allergy, Asthma and Immunology, 2015, 114, 289-298.	1.0	51
128	Crucial amino acid residues of mouse CD1d for glycolipid ligand presentation to VÎ±14 NKT cells. International Immunology, 2001, 13, 853-861.	4.0	50
129	Blockade of programmed death-1/programmed death ligand pathway enhances the antitumor immunity of human invariant natural killer T cells. Cancer Immunology, Immunotherapy, 2016, 65, 1477-1489.	4.2	50
130	ACC1 determines memory potential of individual CD4+ T cells by regulating de novo fatty acid biosynthesis. Nature Metabolism, 2019, 1, 261-275.	11.9	48
131	Plasma membrane-focused proteomics: Dramatic changes in surface expression during the maturation of human dendritic cells. Proteomics, 2005, 5, 4001-4011.	2.2	47
132	Gfi1-mediated Stabilization of GATA3 Protein Is Required for Th2 Cell Differentiation. Journal of Biological Chemistry, 2008, 283, 28216-28225.	3.4	47
133	A novel autoantibody against moesin in the serum of patients with MPO-ANCA-associated vasculitis. Nephrology Dialysis Transplantation, 2014, 29, 1168-1177.	0.7	47
134	Role of VÂ14+ NKT cells in the development of Hepatitis B virus-specific CTL: activation of VÂ14+ NKT cells promotes the breakage of CTL tolerance. International Immunology, 2008, 20, 869-879.	4.0	46
135	Induction of Natural Killer Cell-dependent Antitumor Immunity by the Autographa californica Multiple Nuclear Polyhedrosis Virus. Molecular Therapy, 2008, 16, 261-268.	8.2	46
136	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. International Archives of Allergy and Immunology, 2010, 153, 378-387.	2.1	43
137	Direct activation of glomerular endothelial cells by anti-moesin activity of anti-myeloperoxidase antibody. Nephrology Dialysis Transplantation, 2011, 26, 2752-2760.	0.7	43
138	A long noncoding RNA regulates inflammation resolution by mouse macrophages through fatty acid oxidation activation. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 14365-14375.	7.1	39
139	CD28 Costimulation Controls Histone Hyperacetylation of the Interleukin 5 Gene Locus in Developing Th2 Cells. Journal of Biological Chemistry, 2004, 279, 23123-23133.	3.4	38
140	Cysteine-dependent immune regulation by TRX and MIF/GIF family proteins. Immunology Letters, 2004, 92, 143-147.	2.5	38
141	Activation of invariant natural killer T cells by Î±-galactosylceramide ameliorates myocardial ischemia/reperfusion injury in mice. Journal of Molecular and Cellular Cardiology, 2013, 62, 179-188.	1.9	38
142	Attenuation of lung inflammation and fibrosis in CD69-deficient mice after intratracheal bleomycin. Respiratory Research, 2011, 12, 131.	3.6	37
143	Platelet-rich plasma inhibits the apoptosis of highly adipogenic homogeneous preadipocytes in anin vitroculture system. Experimental and Molecular Medicine, 2012, 44, 330.	7.7	37
144	TH1-biased immunity induced by exposure to Antarctic winter. Journal of Allergy and Clinical Immunology, 2003, 111, 1353-1360.	2.9	36

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145	Dendritic cell maturation by CD11câ^' T cells and VÎ±24+ natural killer T-cell activation by Î±-Galactosylceramide. International Journal of Cancer, 2005, 117, 265-273.	5.1	36
146	Up-regulation of adhesion molecule expression in glomerular endothelial cells by anti-myeloperoxidase antibody. Nephrology Dialysis Transplantation, 2006, 22, 77-87.	0.7	36
147	Gata3/Ruvbl2 complex regulates T helper 2 cell proliferation via repression of Cdkn2c expression. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18626-18631.	7.1	36
148	CD45RAâ^'Foxp3high regulatory T cells have a negative impact on the clinical outcome of head and neck squamous cell carcinoma. Cancer Immunology, Immunotherapy, 2017, 66, 1275-1285.	4.2	35
149	Adjuvant activity mediated by iNKT cells. Seminars in Immunology, 2010, 22, 97-102.	5.6	34
150	Detection of natural killer T cells in the sinus mucosa from asthmatics with chronic sinusitis. Allergy: European Journal of Allergy and Clinical Immunology, 2007, 62, 1451-1455.	5.7	33
151	Color-coded real-time cellular imaging of lung T-lymphocyte accumulation and focus formation in a mouse asthma model. Journal of Allergy and Clinical Immunology, 2010, 125, 461-468.e6.	2.9	33
152	Histone acetylation mediated by Brd1 is crucial for Cd8 gene activation during early thymocyte development. Nature Communications, 2014, 5, 5872.	12.8	33
153	Ligand-stimulated signaling events in immature CD4+CD8+ thymocytes expressing competent T-cell receptor complexes.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 9949-9953.	7.1	31
154	Synergism between the Calmodulin-binding and Autoinhibitory Domains on Calcineurin Is Essential for the Induction of Their Phosphatase Activity. Journal of Biological Chemistry, 2000, 275, 11728-11734.	3.4	31
155	Impaired contact hypersensitivity in macrophage migration inhibitory factor-deficient mice. European Journal of Immunology, 2003, 33, 1478-1487.	2.9	31
156	Chromatin remodeling at the Th2 cytokine gene loci in human type 2 helper T cells. Molecular Immunology, 2007, 44, 2249-2256.	2.2	31
157	Migration and immunological reaction after the administration of Î±GalCer-pulsed antigen-presenting cells into the submucosa of patients with head and neck cancer. Cancer Immunology, Immunotherapy, 2011, 60, 207-215.	4.2	31
158	Akt1-mediated Gata3 phosphorylation controls the repression of IFNÎ³ in memory-type Th2 cells. Nature Communications, 2016, 7, 11289.	12.8	31
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