Naoto Ishii

List of Publications by Year
in descending order

127 papers	10,275 citations	41323 49 h-index	33869 99 g-index
129 all docs	129 docs citations	129 times ranked	13224 citing authors

#	Article	IF	Citations
1	TNF Receptorâ€“Associated Factor 5 Limits IL-27 Receptor Signaling in CD4+ T Lymphocytes. Journal of Immunology, 2022, , ji2001358.	0.4	5
2	Phenotypic heterogeneity in individuals with MECOM variants inÂ2 families. Blood Advances, 2022, 6, 5257-5261.	2.5	8
3	Redefining the Foreign Antigen and Self-Driven Memory CD4+ T-Cell Compartments via Transcriptomic, Phenotypic, and Functional Analyses. Frontiers in Immunology, 2022, 13, .	2.2	6
4	Study Profile of the Tohoku Medical Megabank Community-Based Cohort Study. Journal of Epidemiology, 2021, 31, 65-76.	1.1	81
5	Fatty acidâ€binding protein 3 regulates differentiation of IgMâ€producing plasma cells. FEBS Journal, 2021, 288, 1130-1141.	2.2	8
6	Functional Analysis of the Transcriptional Regulator IºB-Î¶ in Intestinal Homeostasis. Digestive Diseases and Sciences, 2021, , 1.	1.1	0
7	Dysregulation of Rnf 213 gene contributes to T cell response via antigen uptake, processing, and presentation. Journal of Cellular Physiology, 2021, 236, 7554-7564.	2.0	14
8	The Curcumin Analog GO-Y030 Controls the Generation and Stability of Regulatory T Cells. Frontiers in Immunology, 2021, 12, 687669.	2.2	16
9	dbTMM: an integrated database of large-scale cohort, genome and clinical data for the Tohoku Medical Megabank Project. Human Genome Variation, 2021, 8, 44.	0.4	7
10	Cohort Profile: Tohoku Medical Megabank Project Birth and Three-Generation Cohort Study (TMM) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 2020, 49, 18-19m.	0.9	107
11	TRAF5 promotes plasmacytoid dendritic cell development from bone marrow progenitors. Biochemical and Biophysical Research Communications, 2020, 521, 353-359.	1.0	2
12	IQGAP1 restrains Tâ€cell cosignaling mediated by OX40. FASEB Journal, 2020, 34, 540-554.	0.2	9
13	IQ motif-containing GTPase-activating protein 1 is essential for the optimal maintenance of lung ILC2s. International Immunology, 2020, 32, 233-241.	1.8	0
14	GITR controls intestinal inflammation by suppressing ILâ€15â€dependent NK cell activity. FASEB Journal, 2020, 34, 14820-14831.	0.2	8
15	Costello syndrome model mice with a Hras G12S mutation are susceptible to develop house dust mite-induced atopic dermatitis. Cell Death and Disease, 2020, 11, 617.	2.7	2
16	Fatty acidâ€binding protein 3 controls contact hypersensitivity through regulating skin dermal VÎ³4 + Î³/Î´ T cell in a murine model. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 76, 1776-1788.	2.7	5
17	Germ-Free Conditions Modulate Host Purine Metabolism, Exacerbating Adenine-Induced Kidney Damage. Toxins, 2020, 12, 547.	1.5	23
18	Biallelic variants/mutations of IL1RAP in patients with steroid-sensitive nephrotic syndrome. International Immunology, 2020, 32, 283-292.	1.8	3

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19	TRAF5 Deficiency Ameliorates the Severity of Dextran Sulfate Sodium Colitis by Decreasing TRAF2 Expression in Nonhematopoietic Cells. ImmunoHorizons, 2020, 4, 129-139.	0.8	1
20	The role of fatty acid binding protein 7 in spinal cord astrocytes in a mouse model of experimental autoimmune encephalomyelitis. Neuroscience, 2019, 409, 120-129.	1.1	19
21	TNF Receptorâ€“Associated Factor 5 Limits Function of Plasmacytoid Dendritic Cells by Controlling IFN Regulatory Factor 5 Expression. Journal of Immunology, 2019, 203, 1447-1456.	0.4	6
22	The TNFâ€“TNFR Family of Co-signal Molecules. Advances in Experimental Medicine and Biology, 2019, 1189, 53-84.	0.8	90
23	TRAF2 and TRAF5 associated with the signal transducing receptor gp130 limit IL-6-driven transphosphorylation of JAK1 through the inhibition of proximal JAKâ€“JAK interaction. International Immunology, 2018, 30, 291-299.	1.8	6
24	GITR cosignal in ILC2s controls allergic lung inflammation. Journal of Allergy and Clinical Immunology, 2018, 141, 1939-1943.e8.	1.5	49
25	TNF receptor associated factor 5 controls oncostatin M-mediated lung inflammation. Biochemical and Biophysical Research Communications, 2018, 499, 544-550.	1.0	6
26	Regulation of Interleukin-6 Receptor Signaling by TNF Receptor-Associated Factor 2 and 5 During Differentiation of Inflammatory CD4+ T Cells. Frontiers in Immunology, 2018, 9, 1986.	2.2	17
27	Bmi1 Regulates IÎºBÎ± Degradation via Association with the SCF Complex. Journal of Immunology, 2018, 201, 2264-2272.	0.4	18
28	OX40 Costimulation Inhibits Foxp3 Expression and Treg Induction via BATF3-Dependent and Independent Mechanisms. Cell Reports, 2018, 24, 607-618.	2.9	79
29	ER Stress Protein CHOP Mediates Insulin Resistance by Modulating Adipose Tissue Macrophage Polarity. Cell Reports, 2017, 18, 2045-2057.	2.9	96
30	CD103⁺CD11b^{â^'} salivary gland dendritic cells have antigen crossâ€presenting capacity. European Journal of Immunology, 2017, 47, 305-313.	1.6	6
31	TNF superfamily receptor OX40 triggers invariant NKT cell pyroptosis and liver injury. Journal of Clinical Investigation, 2017, 127, 2222-2234.	3.9	50
32	Mesenteric lymph nodes contribute to proinflammatory Th17â€cell generation during inflammation of the small intestine in mice. European Journal of Immunology, 2016, 46, 1119-1131.	1.6	21
33	<scp>OX</scp> 40 ligand newly expressed on bronchiolar progenitors mediates influenza infection and further exacerbates pneumonia. EMBO Molecular Medicine, 2016, 8, 422-436.	3.3	17
34	TNFR-Associated Factors 2 and 5 Differentially Regulate the Instructive IL-6 Receptor Signaling Required for Th17 Development. Journal of Immunology, 2016, 196, 4082-4089.	0.4	24
35	Apurinic/Apyrimidinic Endonuclease 1/Redox Factor-1 (Ape1/Ref-1) Modulates Antigen Presenting Cell-mediated T Helper Cell Type 1 Responses. Journal of Biological Chemistry, 2016, 291, 23672-23680.	1.6	10
36	The Tohoku Medical Megabank Project: Design and Mission. Journal of Epidemiology, 2016, 26, 493-511.	1.1	236

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37	Local convection-enhanced delivery of an anti-CD40 agonistic monoclonal antibody induces antitumor effects in mouse glioma models. Neuro-Oncology, 2016, 18, 1120-1128.	0.6	36
38	TIGIT Marks Exhausted T Cells, Correlates with Disease Progression, and Serves as a Target for Immune Restoration in HIV and SIV Infection. PLoS Pathogens, 2016, 12, e1005349.	2.1	271
39	TNF Receptor-Associated Factor (TRAF) Signaling Network in CD4⁺ T-Lymphocytes. Tohoku Journal of Experimental Medicine, 2015, 236, 139-154.	0.5	34
40	CD40/CD40L expression correlates with the survival of patients with glioblastomas and an augmentation in CD40 signaling enhances the efficacy of vaccinations against glioma models. Neuro-Oncology, 2015, 17, 1453-1462.	0.6	52
41	OX40 ligand expressed in glioblastoma modulates adaptive immunity depending on the microenvironment: a clue for successful immunotherapy. Molecular Cancer, 2015, 14, 41.	7.9	35
42	Fluorescently Activated Cell Sorting Followed by Microarray Profiling of Helper T Cell Subtypes from Human Peripheral Blood. PLoS ONE, 2014, 9, e111405.	1.1	17
43	Expansion of Dysfunctional Tim-3â€“Expressing Effector Memory CD8+ T Cells during Simian Immunodeficiency Virus Infection in Rhesus Macaques. Journal of Immunology, 2014, 193, 5576-5583.	0.4	23
44	OX40 and ILâ€7 play synergistic roles in the homeostatic proliferation of effector memory CD4⁺ TÂcells. European Journal of Immunology, 2014, 44, 3015-3025.	1.6	28
45	Hepatocyte growth factor regulated tyrosine kinase substrate in the peripheral development and function of B-cells. Biochemical and Biophysical Research Communications, 2014, 443, 351-356.	1.0	6
46	The adaptor TRAF5 limits the differentiation of inflammatory CD4+ T cells by antagonizing signaling via the receptor for IL-6. Nature Immunology, 2014, 15, 449-456.	7.0	38
47	Activation of Notch1 promotes development of human CD8+ single positive T cells in humanized mice. Biochemical and Biophysical Research Communications, 2014, 447, 346-351.	1.0	7
48	OX40 ligand regulates splenic CD8â^' dendritic cell-induced Th2 responses in vivo. Biochemical and Biophysical Research Communications, 2014, 444, 235-240.	1.0	6
49	Homeostatic Proliferation of Naive CD4+ T Cells in Mesenteric Lymph Nodes Generates Gut-Tropic Th17 Cells. Journal of Immunology, 2013, 190, 5788-5798.	0.4	42
50	A Small Molecule Inhibitor to Plasminogen Activator Inhibitor 1 Inhibits Macrophage Migration. Arteriosclerosis, Thrombosis, and Vascular Biology, 2013, 33, 935-942.	1.1	43
51	Y Chromosomeâ€“Linked B and NK Cell Deficiency in Mice. Journal of Immunology, 2013, 190, 6209-6220.	0.4	20
52	Gene Therapy Model of X-linked Severe Combined Immunodeficiency Using a Modified Foamy Virus Vector. PLoS ONE, 2013, 8, e71594.	1.1	6
53	Induction of human humoral immune responses in a novel HLA-DR-expressing transgenic NOD/Shi-scid/Âcnull mouse. International Immunology, 2012, 24, 243-252.	1.8	92
54	Runx1 Deficiency in CD4+ T Cells Causes Fatal Autoimmune Inflammatory Lung Disease Due to Spontaneous Hyperactivation of Cells. Journal of Immunology, 2012, 188, 5408-5420.	0.4	45

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55	Potential utility of eGFP-expressing NOG mice (NOG-EGFP) as a high purity cancer sampling system. Journal of Experimental and Clinical Cancer Research, 2012, 31, 55.	3.5	6
56	Development of a Multi-Step Leukemogenesis Model of MLL-Rearranged Leukemia Using Humanized Mice. PLoS ONE, 2012, 7, e37892.	1.1	29
57	A genome-wide association study identifies RNF213 as the first Moyamoya disease gene. Journal of Human Genetics, 2011, 56, 34-40.	1.1	582
58	Involvement of osteopontin and its signaling molecule CD44 in clinicopathological features of adult T cell leukemia. Leukemia Research, 2011, 35, 1484-1490.	0.4	35
59	Indispensable roles of OX40L-derived signal and epistatic genetic effect in immune-mediated pathogenesis of spontaneous pulmonary hypertension. BMC Immunology, 2011, 12, 67.	0.9	14
60	Natural killer (NK)â€“dendritic cell interactions generate MHC class II-dressed NK cells that regulate CD4⁺T cells. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18360-18365.	3.3	99
61	Regulatory T cells are necessary for implantation and maintenance of early pregnancy but not late pregnancy in allogeneic mice. Journal of Reproductive Immunology, 2010, 85, 121-129.	0.8	264
62	Early production of tumor necrosis factor-Î± by Gr-1+cells and its role in the host defense to pneumococcal infection in lungs. FEMS Immunology and Medical Microbiology, 2010, 58, 182-192.	2.7	10
63	Characterization of the epithelial cell adhesion molecule (EpCAM)⁺ cell population in hepatocellular carcinoma cell lines. Cancer Science, 2010, 101, 2145-2155.	1.7	76
64	OX40 ligand plays an important role in the development of atherosclerosis through vasa vasorum neovascularization. Cardiovascular Research, 2010, 88, 539-546.	1.8	35
65	Serial OX40 Engagement on CD4⁺T Cells and Natural Killer T Cells Causes Allergic Airway Inflammation. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 688-698.	2.5	25
66	OX40â€“OX40 Ligand Interaction in T-Cell-Mediated Immunity and Immunopathology. Advances in Immunology, 2010, 105, 63-98.	1.1	122
67	In vivo assay of human NK-dependent ADCC using NOD/SCID/Î³cnull (NOG) mice. Biochemical and Biophysical Research Communications, 2010, 399, 733-737.	1.0	46
68	Statin ameliorates hypoxia-induced pulmonary hypertension associated with down-regulated stromal cell-derived factor-1. Cardiovascular Research, 2009, 81, 226-234.	1.8	82
69	The analysis of the functions of human B and T cells in humanized NOD/shi-scid/Î³cnull (NOG) mice (hu-HSC NOG mice). International Immunology, 2009, 21, 843-858.	1.8	207
70	Coâ€inhibitory roles for glucocorticoidâ€induced TNF receptor in CD1dâ€dependent natural killer T cells. European Journal of Immunology, 2008, 38, 2229-2240.	1.6	18
71	ATP drives lamina propria TH17 cell differentiation. Nature, 2008, 455, 808-812.	13.7	970
72	c-Cbl-Dependent Monoubiquitination and Lysosomal Degradation of gp130. Molecular and Cellular Biology, 2008, 28, 4805-4818.	1.1	76

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73	OX40/OX40L Costimulation Affects Induction of Foxp3+ Regulatory T Cells in Part by Expanding Memory T Cells In Vivo. Journal of Immunology, 2008, 181, 3193-3201.	0.4	62
74	OX40 Costimulatory Signals Potentiate the Memory Commitment of Effector CD8+ T Cells. Journal of Immunology, 2008, 181, 5990-6001.	0.4	68
75	Dendritic Cell Expression of OX40 Ligand Acts as a Costimulatory, Not Polarizing, Signal for Optimal Th2 Priming and Memory Induction In Vivo. Journal of Immunology, 2007, 179, 3515-3523.	0.4	116
76	Inhibition of Tumor Growth and Metastasis by Depletion of Vesicular Sorting Protein Hrs: Its Regulatory Role on E-Cadherin and Î²-Catenin. Cancer Research, 2007, 67, 5162-5171.	0.4	67
77	Human CD4+ central and effector memory T cells produce IL-21: effect on cytokine-driven proliferation of CD4+ T cell subsets. International Immunology, 2007, 19, 1191-1199.	1.8	51
78	Differential Requirements for OX40 Signals on Generation of Effector and Central Memory CD4+ T Cells. Journal of Immunology, 2007, 179, 5014-5023.	0.4	62
79	Important Role of Erythropoietin Receptor to Promote VEGF Expression and Angiogenesis in Peripheral Ischemia in Mice. Circulation Research, 2007, 100, 662-669.	2.0	173
80	OX40 costimulation turns off Foxp3+ Tregs. Blood, 2007, 110, 2501-2510.	0.6	349
81	OX40 ligand expressed by DCs costimulates NKT and CD4+ Th cell antitumor immunity in mice. Journal of Clinical Investigation, 2007, 117, 3330-3338.	3.9	90
82	Establishment of a New Sensitive Assay for Anti-Human Aquaporin-4 Antibody in Neuromyelitis Optica. Tohoku Journal of Experimental Medicine, 2006, 210, 307-313.	0.5	153
83	OX40-OX40 Ligand Interaction through T Cell-T Cell Contact Contributes to CD4 T Cell Longevity. Journal of Immunology, 2006, 176, 5975-5987.	0.4	93
84	A Signal Adaptor SLAM-Associated Protein Regulates Spontaneous Autoimmunity and Fas-Dependent Lymphoproliferation in MRL-Faslpr Lupus Mice. Journal of Immunology, 2006, 176, 395-400.	0.4	56
85	Important Role of Endogenous Erythropoietin System in Recruitment of Endothelial Progenitor Cells in Hypoxia-Induced Pulmonary Hypertension in Mice. Circulation, 2006, 113, 1442-1450.	1.6	195
86	Regulatory T cell-like activity of Foxp3+ adult T cell leukemia cells. International Immunology, 2006, 18, 269-277.	1.8	104
87	T-Cell-Depleted CD34+ Cell Transplantation From an HLA-Mismatched Donor in a Low-Birthweight Infant With X-Linked Severe Combined Immunodeficiency. Journal of Pediatric Hematology/Oncology, 2005, 27, 80-84.	0.3	0
88	During Viral Infection of the Respiratory Tract, CD27, 4-1BB, and OX40 Collectively Determine Formation of CD8+ Memory T Cells and Their Capacity for Secondary Expansion. Journal of Immunology, 2005, 175, 1665-1676.	0.4	186
89	Positional identification of TNFSF4, encoding OX40 ligand, as a gene that influences atherosclerosis susceptibility. Nature Genetics, 2005, 37, 365-372.	9.4	264
90	Distinct Roles for the OX40-OX40 Ligand Interaction in Regulatory and Nonregulatory T Cells. Journal of Immunology, 2004, 172, 3580-3589.	0.4	271

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91	Adenovirus Vector-Mediated in Vivo Gene Transfer of OX40 Ligand to Tumor Cells Enhances Antitumor Immunity of Tumor-Bearing Hosts. Cancer Research, 2004, 64, 3281-3287.	0.4	84
92	Ibudilast, a nonselective phosphodiesterase inhibitor, regulates Th1/Th2 balance and NKT cell subset in multiple sclerosis. Multiple Sclerosis Journal, 2004, 10, 494-498.	1.4	49
93	Therapeutic targeting of the effector T-cell co-stimulatory molecule OX40. Nature Reviews Immunology, 2004, 4, 420-431.	10.6	297
94	Essential Role of OX40L on B Cells in Persistent Alloantibody Production Following Repeated Alloimmunizations. Journal of Clinical Immunology, 2004, 24, 237-248.	2.0	15
95	TNF-Î± is crucial for the development of autoimmune arthritis in IL-1 receptor antagonistâ€“deficient mice. Journal of Clinical Investigation, 2004, 114, 1603-1611.	3.9	110
96	Expanding Role of T-Cell Costimulators in Regulatory T-Cell Function: Recent Advances in Accessory Molecules Expressed on Both Regulatory and Nonregulatory T Cells. Critical Reviews in Immunology, 2004, 24, 251-266.	1.0	31
97	Critical role for OX40 ligand in the development of pathogenic Th2 cells in a murine model of asthma. European Journal of Immunology, 2003, 33, 861-869.	1.6	130
98	OX40 (CD134) and OX40 ligand interaction plays an adjuvant role duringin vivo Th2 responses. European Journal of Immunology, 2003, 33, 2372-2381.	1.6	51
99	Effects of deficiencies of STAMs and Hrs, mammalian class E Vps proteins, on receptor downregulation. Biochemical and Biophysical Research Communications, 2003, 309, 848-856.	1.0	70
100	Identification of AMSH-LP containing a Jab1/MPN domain metalloenzyme motif. Biochemical and Biophysical Research Communications, 2003, 306, 637-643.	1.0	28
101	Constitutive OX40/OX40 Ligand Interaction Induces Autoimmune-Like Diseases. Journal of Immunology, 2002, 169, 4628-4636.	0.4	117
102	Signal-Transducing Adaptor Molecules STAM1 and STAM2 Are Required for T-Cell Development and Survival. Molecular and Cellular Biology, 2002, 22, 8648-8658.	1.1	48
103	Expression of OX40 in muscles of polymyositis and granulomatous myopathy. Journal of the Neurological Sciences, 2002, 194, 29-34.	0.3	14
104	Consequences of OX40-OX40 ligand interactions in Langerhans cell function: enhanced contact hypersensitivity responses in OX40L-transgenic mice. European Journal of Immunology, 2002, 32, 3326-3335.	1.6	44
105	The role of common gamma chain in human monocytes in vivo ; evaluation from the studies of X-linked severe combined immunodeficiency (X-SCID) carriers and X-SCID patients who underwent cord blood stem cell transplantation. British Journal of Haematology, 2002, 118, 858-863.	1.2	2
106	Expression of gp34 (OX40 Ligand) and OX40 on Human T Cell Clones. Japanese Journal of Cancer Research, 2001, 92, 377-382.	1.7	40
107	Suppression of thymic development by the dominant-negative form of Gads. International Immunology, 2001, 13, 777-783.	1.8	18
108	Critical Involvement of OX40 Ligand Signals in the T Cell Priming Events During Experimental Autoimmune Encephalomyelitis. Journal of Immunology, 2001, 167, 2991-2999.	0.4	97

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109	Loss of Neurons in the Hippocampus and Cerebral Cortex of AMSH-Deficient Mice. Molecular and Cellular Biology, 2001, 21, 8626-8637.	1.1	42
110	Cutting Edge: The Common Î³-Chain Is an Indispensable Subunit of the IL-21 Receptor Complex. Journal of Immunology, 2001, 167, 1-5.	0.4	496
111	Loss of Hippocampal CA3 Pyramidal Neurons in Mice Lacking STAM1. Molecular and Cellular Biology, 2001, 21, 3807-3819.	1.1	48
112	Characterization of the Î³c chain among 27 unrelated Japanese patients with X-linked severe combined immunodeficiency (X-SCID). Human Genetics, 2000, 107, 406-408.	1.8	12
113	Impairment of Antigen-Presenting Cell Function in Mice Lacking Expression of Ox40 Ligand. Journal of Experimental Medicine, 2000, 191, 365-374.	4.2	268
114	Functional Role of Interleukin-4 (IL-4) and IL-7 in the Development of X-Linked Severe Combined Immunodeficiency. Blood, 1999, 93, 607-612.	0.6	37
115	Grf40, A Novel Grb2 Family Member, Is Involved in T Cell Signaling through Interaction with SLP-76 and LAT. Journal of Experimental Medicine, 1999, 189, 1383-1390.	4.2	143
116	Functional Role of Interleukin-4 (IL-4) and IL-7 in the Development of X-Linked Severe Combined Immunodeficiency. Blood, 1999, 93, 607-612.	0.6	3
117	Functional Expression on Human Trophoblasts of Interleukin 4 and Interleukin 7 Receptor Complexes with a Common Î³ Chain. Biochemical and Biophysical Research Communications, 1997, 231, 429-434.	1.0	26
118	STAM, Signal Transducing Adaptor Molecule, Is Associated with Janus Kinases and Involved in Signaling for Cell Growth and c-myc Induction. Immunity, 1997, 6, 449-457.	6.6	144
119	Xâ€linked severe combined immunodeficiency with Î³ÎT cells. Pediatrics International, 1997, 39, 442-447.	0.2	5
120	THE INTERLEUKIN-2 RECEPTOR Î³ CHAIN: Its Role in the Multiple Cytokine Receptor Complexes and T Cell Development in XSCID. Annual Review of Immunology, 1996, 14, 179-205.	9.5	393
121	Differences in the interleukin-2 (IL-2) receptor system in human and mouse: Î± chain is required for formation of the functional mouse IL-2 receptor. European Journal of Immunology, 1995, 25, 3001-3005.	1.6	38
122	Three novel mutations in the interleukin-2 receptor ? chain gene in four Japanese patients with X-linked severe combined immunodeficiency. Human Genetics, 1995, 96, 681-683.	1.8	10
123	Sharing of the IL-2 receptor Î³ chain with the functional IL-9 receptor complex. International Immunology, 1995, 7, 115-120.	1.8	192
124	Functional Analysis of the Human Interleukin 2 Receptor Î³ Chain Gene Promoter. Journal of Biological Chemistry, 1995, 270, 7479-7486.	1.6	34
125	The Common Î³-Chain for Multiple Cytokine Receptors. Advances in Immunology, 1995, 59, 225-277.	1.1	154
126	Interleukin 2-induced activation of JAK3: Possible involvement in signal transduction for c-mycinduction and cell proliferation. FEBS Letters, 1994, 351, 201-206.	1.3	50

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127	Kinetic study of interleukin-2 binding on the reconstituted interleukin-2 receptor complexes including the human Î³ chain. European Journal of Immunology, 1993, 23, 2472-2476.	1.6	22