

Shigeo Koyasu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2196017/publications.pdf>

Version: 2024-02-01

203
papers

28,180
citations

9756

73
h-index

5519

163
g-index

208
all docs

208
docs citations

208
times ranked

34719
citing authors

#	ARTICLE	IF	CITATIONS
1	IgM to IgG Class Switching Is a Necessary Step for Pemphigus Phenotype Induction in Desmoglein 3-Specific B Cell Receptor Knock-in Mouse. <i>Journal of Immunology</i> , 2022, 208, 582-593.	0.4	3
2	Arf1 and Arf6 Synergistically Maintain Survival of T Cells during Activation. <i>Journal of Immunology</i> , 2021, 206, 366-375.	0.4	12
3	An antibacterial coated polymer prevents biofilm formation and implant-associated infection. <i>Scientific Reports</i> , 2021, 11, 3602.	1.6	47
4	Discovery of widespread transcription initiation at microsatellites predictable by sequence-based deep neural network. <i>Nature Communications</i> , 2021, 12, 3297.	5.8	11
5	Innate Lymphoid Cells in Skin Homeostasis and Malignancy. <i>Frontiers in Immunology</i> , 2021, 12, 758522.	2.2	7
6	Group 2 Innate Lymphoid Cells Exacerbate Amebic Liver Abscess in Mice. <i>IScience</i> , 2020, 23, 101544.	1.9	4
7	Tumor-Derived Lactic Acid Contributes to the Paucity of Intratumoral ILC2s. <i>Cell Reports</i> , 2020, 30, 2743-2757.e5.	2.9	48
8	A 3D Skin Melanoma Spheroid-Based Model to Assess Tumor-Immune Cell Interactions. <i>Bio-protocol</i> , 2020, 10, e3839.	0.2	2
9	Innate Lymphoid Cells in the Induction of Obesity. <i>Cell Reports</i> , 2019, 28, 202-217.e7.	2.9	64
10	Cancer Immunoediting by Innate Lymphoid Cells. <i>Trends in Immunology</i> , 2019, 40, 415-430.	2.9	35
11	Hide and seek: Plasticity of innate lymphoid cells in cancer. <i>Seminars in Immunology</i> , 2019, 41, 101273.	2.7	26
12	Peripheral PDGFR α ⁺ gp38 ⁺ mesenchymal cells support the differentiation of fetal liver-derived ILC2. <i>Journal of Experimental Medicine</i> , 2018, 215, 1609-1626.	4.2	85
13	The group 2 innate lymphoid cell (<sc>ILC</sc>2) regulatory network and its underlying mechanisms. <i>Immunological Reviews</i> , 2018, 286, 37-52.	2.8	211
14	Clarithromycin expands CD11b ⁺ Gr-1 ⁺ cells via the STAT3/Bv8 axis to ameliorate lethal endotoxic shock and post-influenza bacterial pneumonia. <i>PLoS Pathogens</i> , 2018, 14, e1006955.	2.1	34
15	Innate Lymphoid Cells: 10 Years On. <i>Cell</i> , 2018, 174, 1054-1066.	13.5	1,467
16	How Many Subsets of Innate Lymphoid Cells Do We Need?. <i>Immunity</i> , 2017, 46, 10-13.	6.6	13
17	Plastic Heterogeneity of Innate Lymphoid Cells in Cancer. <i>Trends in Cancer</i> , 2017, 3, 326-335.	3.8	23
18	FANTOM5 CAGE profiles of human and mouse samples. <i>Scientific Data</i> , 2017, 4, 170112.	2.4	195

#	ARTICLE	IF	CITATIONS
19	Are ILC2s Jekyll and Hyde in airway inflammation?. <i>Immunological Reviews</i> , 2017, 278, 207-218.	2.8	36
20	Delayed Propionibacterium acnes surgical site infections occur only in the presence of an implant. <i>Scientific Reports</i> , 2016, 6, 32758.	1.6	39
21	A novel hydroxyapatite film coated with ionic silver via inositol hexaphosphate chelation prevents implant-associated infection. <i>Scientific Reports</i> , 2016, 6, 23238.	1.6	39
22	TGF- β 2-induced phosphorylation of Akt and Foxo transcription factors negatively regulates induced regulatory T cell differentiation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 480, 114-119.	1.0	14
23	The RNA Binding Protein Mex-3B Is Required for IL-33 Induction in the Development of Allergic Airway Inflammation. <i>Cell Reports</i> , 2016, 16, 2456-2471.	2.9	37
24	Innate lymphoid cells in allergic and nonallergic inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1253-1264.	1.5	162
25	An interlaboratory comparison of dosimetry for a multi-institutional radiobiological research project: Observations, problems, solutions and lessons learned. <i>International Journal of Radiation Biology</i> , 2016, 92, 59-70.	1.0	22
26	Introduction: Innate Lymphoid Cells Special Issue. <i>International Immunology</i> , 2016, 28, 1-2.	1.8	3
27	Interferon and IL-27 antagonize the function of group 2 innate lymphoid cells and type 2 innate immune responses. <i>Nature Immunology</i> , 2016, 17, 76-86.	7.0	350
28	Innate lymphoid cells, possible interaction with microbiota. <i>Seminars in Immunopathology</i> , 2015, 37, 27-37.	2.8	31
29	Inflammatory ILC2 cells: disguising themselves as progenitors?. <i>Nature Immunology</i> , 2015, 16, 133-134.	7.0	21
30	The transcriptional regulators IRF4, BATF and IL-33 orchestrate development and maintenance of adipose tissue-resident regulatory T cells. <i>Nature Immunology</i> , 2015, 16, 276-285.	7.0	442
31	An Interleukin-33-Mast Cell-Interleukin-2 Axis Suppresses Papain-Induced Allergic Inflammation by Promoting Regulatory T Cell Numbers. <i>Immunity</i> , 2015, 43, 175-186.	6.6	240
32	Isolation and analysis of group 2 innate lymphoid cells in mice. <i>Nature Protocols</i> , 2015, 10, 792-806.	5.5	123
33	Group 2 innate lymphoid cells and asthma. <i>Allergology International</i> , 2015, 64, 227-234.	1.4	71
34	A Novel Mouse Model of Soft-Tissue Infection Using Bioluminescence Imaging Allows Noninvasive, Real-Time Monitoring of Bacterial Growth. <i>PLoS ONE</i> , 2014, 9, e106367.	1.1	7
35	VIP36 protein is a target of ectodomain shedding and regulates phagocytosis in macrophage raw 264.7 cells. <i>Journal of Biological Chemistry</i> , 2014, 289, 19277.	1.6	0
36	A proteomic approach for the elucidation of the specificity of ectodomain shedding. <i>Journal of Proteomics</i> , 2014, 98, 233-243.	1.2	7

#	ARTICLE	IF	CITATIONS
37	A promoter-level mammalian expression atlas. <i>Nature</i> , 2014, 507, 462-470.	13.7	1,838
38	Development, Differentiation, and Diversity of Innate Lymphoid Cells. <i>Immunity</i> , 2014, 41, 354-365.	6.6	498
39	Basophil-Derived Interleukin-4 Controls the Function of Natural Helper Cells, a Member of ILC2s, in Lung Inflammation. <i>Immunity</i> , 2014, 40, 758-771.	6.6	263
40	Phagocytic cells contribute to the antibody-mediated elimination of pulmonary-infected SARS coronavirus. <i>Virology</i> , 2014, 454-455, 157-168.	1.1	69
41	Role of PI3K/Akt and mTOR complexes in Th17 cell differentiation. <i>Annals of the New York Academy of Sciences</i> , 2013, 1280, 30-34.	1.8	117
42	Thymic stromal lymphopoietin induces corticosteroid resistance in natural helper cells during airway inflammation. <i>Nature Communications</i> , 2013, 4, 2675.	5.8	287
43	TAK1/JNK Axis Mediates Survival Signal through Mcl1 Stabilization in Activated T Cells. <i>Journal of Immunology</i> , 2013, 190, 4621-4626.	0.4	19
44	Innate lymphoid cells – a proposal for uniform nomenclature. <i>Nature Reviews Immunology</i> , 2013, 13, 145-149.	10.6	2,054
45	Recent advances in understanding the molecular mechanisms of the development and function of Th17 cells. <i>Genes To Cells</i> , 2013, 18, 247-265.	0.5	72
46	Th1-type innate immune responses mediated by natural helper cells. <i>Annals of the New York Academy of Sciences</i> , 2013, 1283, 43-49.	1.8	18
47	The prostaglandin E ₂ receptor EP4 is integral to a positive feedback loop for prostaglandin E ₂ production in human macrophages infected with <i>Mycobacterium tuberculosis</i> . <i>FASEB Journal</i> , 2013, 27, 3827-3836.	0.2	36
48	Class I PI3K-mediated Akt and ERK signals play a critical role in Fc μ RI-induced degranulation in mast cells. <i>International Immunology</i> , 2013, 25, 215-220.	1.8	30
49	Critical Role of p38 and GATA3 in Natural Helper Cell Function. <i>Journal of Immunology</i> , 2013, 191, 1818-1826.	0.4	109
50	Dynamic regulation of Th17 differentiation by oxygen concentrations. <i>International Immunology</i> , 2012, 24, 137-146.	1.8	64
51	Establishment of a Real-Time, Quantitative, and Reproducible Mouse Model of Staphylococcus Osteomyelitis Using Bioluminescence Imaging. <i>Infection and Immunity</i> , 2012, 80, 733-741.	1.0	54
52	Cutting Edge: mTORC1 in Intestinal CD11c+CD11b+ Dendritic Cells Regulates Intestinal Homeostasis by Promoting IL-10 Production. <i>Journal of Immunology</i> , 2012, 188, 4736-4740.	0.4	68
53	Regulatory Role of Dendritic Cells in Postinfarction Healing and Left Ventricular Remodeling. <i>Circulation</i> , 2012, 125, 1234-1245.	1.6	251
54	Role of Innate Lymphocytes in Infection and Inflammation. <i>Frontiers in Immunology</i> , 2012, 3, 101.	2.2	69

#	ARTICLE	IF	CITATIONS
55	VIP36 protein is a target of ectodomain shedding and regulates phagocytosis in macrophage Raw 264.7 cells.. Journal of Biological Chemistry, 2012, 287, 19340.	1.6	0
56	Subnuclear cyclin D3 compartments and the coordinated regulation of proliferation and immunoglobulin variable gene repression. Journal of Experimental Medicine, 2012, 209, 2199-2213.	4.2	28
57	Natural Helper Cells and TH2-Type Innate Immunity. Cornea, 2012, 31, S20-S24.	0.9	3
58	Natural "Helper" Cells in the Lung: Good or Bad Help?. Immunity, 2012, 36, 317-319.	6.6	4
59	PI3K-Akt-mTORC1-S6K1/2 Axis Controls Th17 Differentiation by Regulating Gfi1 Expression and Nuclear Translocation of ROR γ^3 . Cell Reports, 2012, 1, 360-373.	2.9	283
60	Autoimmunity against $\alpha 2$ muscarinic acetylcholine receptor induces myocarditis and leads to a dilated cardiomyopathy-like phenotype. European Journal of Immunology, 2012, 42, 1152-1163.	1.6	14
61	Subnuclear cyclin D3 compartments and the coordinated regulation of proliferation and immunoglobulin variable gene repression. Journal of Cell Biology, 2012, 199, i4-i4.	2.3	0
62	Transgenic rescue of desmoglein 3 null mice with desmoglein 1 to develop a syngeneic mouse model for pemphigus vulgaris. Journal of Dermatological Science, 2011, 63, 33-39.	1.0	13
63	Innate Th2-type immune responses and the natural helper cell, a newly identified lymphocyte population. Current Opinion in Allergy and Clinical Immunology, 2011, 11, 109-114.	1.1	36
64	Listerial invasion protein internalin B promotes entry into ileal Peyer's patches in vivo. Microbiology and Immunology, 2011, 55, 123-129.	0.7	46
65	Type 2 innate immune responses and the natural helper cell. Immunology, 2011, 132, 475-481.	2.0	111
66	Antigen-independent development of Foxp3+ regulatory T cells suppressing autoantibody production in experimental pemphigus vulgaris. International Immunology, 2011, 23, 365-373.	1.8	46
67	HIV-1 Nef impairs multiple T-cell functions in antigen-specific immune response in mice. International Immunology, 2011, 23, 433-441.	1.8	2
68	Langerhans cell antigen capture through tight junctions confers preemptive immunity in experimental staphylococcal scalded skin syndrome. Journal of Experimental Medicine, 2011, 208, 2607-2613.	4.2	114
69	VIP36 Protein Is a Target of Ectodomain Shedding and Regulates Phagocytosis in Macrophage Raw 264.7 Cells. Journal of Biological Chemistry, 2011, 286, 43154-43163.	1.6	33
70	Impaired B Cell Development and Function in the Absence of β 2-Microglobulin. Journal of Immunology, 2011, 187, 3942-3952.	0.4	38
71	Desmoglein 3-specific CD4+ T cells induce pemphigus vulgaris and interface dermatitis in mice. Journal of Clinical Investigation, 2011, 121, 3677-3688.	3.9	82
72	Thymoproteasome Shapes Immunocompetent Repertoire of CD8+ T Cells. Immunity, 2010, 32, 29-40.	6.6	172

#	ARTICLE	IF	CITATIONS
73	Innate production of TH2 cytokines by adipose tissue-associated c-Kit+Sca-1+ lymphoid cells. <i>Nature</i> , 2010, 463, 540-544.	13.7	1,827
74	Vanilloid flavor for a good appetite?. <i>Nature Immunology</i> , 2010, 11, 187-189.	7.0	2
75	Natural Helper Cells. <i>Advances in Immunology</i> , 2010, 108, 21-44.	1.1	40
76	Reduced T cell expansion by a superantigen as a result of impaired B cell development in mice deficient for the p85 β regulatory subunit of PI3K. <i>Journal of Leukocyte Biology</i> , 2010, 87, 493-500.	1.5	2
77	<i>Bordetella</i> evades the host immune system by inducing IL-10 through a type III effector, BopN. <i>Journal of Experimental Medicine</i> , 2009, 206, 3073-3088.	4.2	101
78	Response to Comment on "Critical Roles of NK and CD8+ T Cells in Central Nervous System Listeriosis". <i>Journal of Immunology</i> , 2009, 183, 5437.2-5438.	0.4	0
79	Critical Roles of NK and CD8+ T Cells in Central Nervous System Listeriosis. <i>Journal of Immunology</i> , 2009, 182, 6360-6368.	0.4	23
80	Milk fat globule epidermal growth factor α 8 blockade triggers tumor destruction through coordinated cell-autonomous and immune-mediated mechanisms. <i>Journal of Experimental Medicine</i> , 2009, 206, 1317-1326.	4.2	86
81	Non-redundant Roles of Phosphoinositide 3-Kinase Isoforms β 1 and β 2 in Glycoprotein VI-induced Platelet Signaling and Thrombus Formation. <i>Journal of Biological Chemistry</i> , 2009, 284, 33750-33762.	1.6	110
82	Inflammatory Cytokines and Hypoxia Contribute to ¹⁸ F-FDG Uptake by Cells Involved in Pannus Formation in Rheumatoid Arthritis. <i>Journal of Nuclear Medicine</i> , 2009, 50, 920-926.	2.8	111
83	<i>Helicobacter pylori</i> CagA Phosphorylation-Independent Function in Epithelial Proliferation and Inflammation. <i>Cell Host and Microbe</i> , 2009, 5, 23-34.	5.1	282
84	Critical role of class IA PI3K for c-Rel expression in B lymphocytes. <i>Blood</i> , 2009, 113, 1037-1044.	0.6	20
85	Milk fat globule epidermal growth factor α 8 blockade triggers tumor destruction through coordinated cell-autonomous and immune-mediated mechanisms. <i>Journal of Cell Biology</i> , 2009, 185, i8-i8.	2.3	0
86	ERK5 is involved in TCR α -induced apoptosis through the modification of Nur77. <i>Genes To Cells</i> , 2008, 13, 411-419.	0.5	24
87	Mammalian target of rapamycin and glycogen synthase kinase 3 differentially regulate lipopolysaccharide-induced interleukin-12 production in dendritic cells. <i>Blood</i> , 2008, 112, 635-643.	0.6	230
88	Autoreactive B-cell elimination by pathogenic IgG specific for the same antigen: implications for peripheral tolerance. <i>International Immunology</i> , 2008, 20, 1351-1360.	1.8	15
89	The role of DC-STAMP in maintenance of immune tolerance through regulation of dendritic cell function. <i>International Immunology</i> , 2008, 20, 1259-1268.	1.8	34
90	PI3K is a negative regulator of IgE production. <i>International Immunology</i> , 2008, 20, 499-508.	1.8	32

#	ARTICLE	IF	CITATIONS
91	Critical role of dendritic cells in determining the Th1/Th2 balance upon <i>Leishmania major</i> infection. <i>International Immunology</i> , 2008, 20, 337-343.	1.8	25
92	The p85 $\hat{1}$ Regulatory Subunit of Class IA Phosphoinositide 3-Kinase Regulates $\hat{1}^2$ -Selection in Thymocyte Development. <i>Journal of Immunology</i> , 2007, 178, 1349-1356.	0.4	23
93	Role of Peyer's patches in the induction of <i>Helicobacter pylori</i> -induced gastritis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 8971-8976.	3.3	123
94	Impairment of T cell interactions with antigen-presenting cells by immunosuppressive drugs reveals involvement of calcineurin and NF- $\hat{1}$ B in immunological synapse formation. <i>Journal of Leukocyte Biology</i> , 2007, 81, 319-327.	1.5	20
95	The Pten/PI3K pathway governs the homeostasis of V $\hat{1}$ 14iNKT cells. <i>Blood</i> , 2007, 109, 3316-3324.	0.6	41
96	<i>Helicobacter pylori</i> Dampens Gut Epithelial Self-Renewal by Inhibiting Apoptosis, a Bacterial Strategy to Enhance Colonization of the Stomach. <i>Cell Host and Microbe</i> , 2007, 2, 250-263.	5.1	186
97	JNK (c-Jun NH2 Terminal Kinase) and p38 during Ischemia Reperfusion Injury in the Small Intestine. <i>Transplantation</i> , 2006, 81, 1325-1330.	0.5	20
98	Tolerance Induction by the Blockade of CD40/CD154 Interaction in Pemphigus Vulgaris Mouse Model. <i>Journal of Investigative Dermatology</i> , 2006, 126, 105-113.	0.3	50
99	Dendritic cells suppress IgE production in B cells. <i>International Immunology</i> , 2006, 19, 217-226.	1.8	16
100	Essential roles of DC-derived IL-15 as a mediator of inflammatory responses in vivo. <i>Journal of Experimental Medicine</i> , 2006, 203, 2329-2338.	4.2	76
101	TLR5-Mediated Phosphoinositide 3-Kinase Activation Negatively Regulates Flagellin-Induced Proinflammatory Gene Expression. <i>Journal of Immunology</i> , 2006, 176, 6194-6201.	0.4	78
102	IL-15 Regulates CD8+ T Cell Contraction during Primary Infection. <i>Journal of Immunology</i> , 2006, 176, 507-515.	0.4	104
103	Phosphoinositide 3-Kinase in Nitric Oxide Synthesis in Macrophage. <i>Journal of Biological Chemistry</i> , 2006, 281, 17736-17742.	1.6	47
104	ROS-dependent activation of the TRAF6-ASK1-p38 pathway is selectively required for TLR4-mediated innate immunity. <i>Nature Immunology</i> , 2005, 6, 587-592.	7.0	605
105	Exogenous antigens are processed through the endoplasmic reticulum-associated degradation (ERAD) in cross-presentation by dendritic cells. <i>International Immunology</i> , 2005, 17, 45-53.	1.8	90
106	Regulatory role of phosphoinositide 3-kinase in immune response. <i>International Congress Series</i> , 2005, 1285, 114-120.	0.2	0
107	Ly49Q, a member of the Ly49 family that is selectively expressed on myeloid lineage cells and involved in regulation of cytoskeletal architecture. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1016-1021.	3.3	44
108	Development of CD4+ Macrophages from Intrathymic T Cell Progenitors Is Induced by Thymic Epithelial Cells. <i>Journal of Immunology</i> , 2004, 173, 4360-4367.	0.4	14

#	ARTICLE	IF	CITATIONS
109	Auto-reactive B cells against peripheral antigen, desmoglein 3, escape from tolerance mechanism. <i>International Immunology</i> , 2004, 16, 1487-1495.	1.8	10
110	A mouse model of pemphigus vulgaris by adoptive transfer of naive splenocytes from desmoglein 3 knockout mice. <i>British Journal of Dermatology</i> , 2004, 151, 346-354.	1.4	60
111	Negative feedback loop in T-cell activation through MAPK-catalyzed threonine phosphorylation of LAT. <i>EMBO Journal</i> , 2004, 23, 2577-2585.	3.5	40
112	Role of phosphoinositide 3-kinase signaling in mast cells: new insights from knockout mouse studies. <i>Journal of Molecular Medicine</i> , 2003, 81, 524-535.	1.7	30
113	In vivo role of IFN- γ produced by antigen-presenting cells in early host defense against intracellular pathogens. <i>European Journal of Immunology</i> , 2003, 33, 2666-2675.	1.6	49
114	Suppression of the Immune Response Against Exogenous Desmoglein 3 in Desmoglein 3 Knockout Mice: An Implication for Gene Therapy. <i>Journal of Investigative Dermatology</i> , 2003, 120, 610-615.	0.3	14
115	Cloning of adiponectin receptors that mediate antidiabetic metabolic effects. <i>Nature</i> , 2003, 423, 762-769.	13.7	2,804
116	BCR targets cyclin D2 via Btk and the p85 β subunit of PI3-K to induce cell cycle progression in primary mouse B cells. <i>Oncogene</i> , 2003, 22, 2248-2259.	2.6	61
117	The role of PI3K in immune cells. <i>Nature Immunology</i> , 2003, 4, 313-319.	7.0	416
118	PI3K and Btk differentially regulate B cell antigen receptor-mediated signal transduction. <i>Nature Immunology</i> , 2003, 4, 280-286.	7.0	128
119	PI3K and negative regulation of TLR signaling. <i>Trends in Immunology</i> , 2003, 24, 358-363.	2.9	555
120	Activation of gp130 Transduces Hypertrophic Signal Through Interaction of Scaffolding/Docking Protein Gab1 With Tyrosine Phosphatase SHP2 in Cardiomyocytes. <i>Circulation Research</i> , 2003, 93, 221-229.	2.0	86
121	Cutting Edge: A Possible Role for CD4 ⁺ Thymic Macrophages as Professional Scavengers of Apoptotic Thymocytes. <i>Journal of Immunology</i> , 2003, 171, 2773-2777.	0.4	39
122	Induction of Pemphigus Phenotype by a Mouse Monoclonal Antibody Against the Amino-Terminal Adhesive Interface of Desmoglein 3. <i>Journal of Immunology</i> , 2003, 170, 2170-2178.	0.4	293
123	Regulation of MAPK Signaling Pathways Through Immunophilin-ligand Complex. <i>Current Topics in Medicinal Chemistry</i> , 2003, 3, 1358-1367.	1.0	38
124	Functional phenotype of phosphoinositide 3-kinase p85 β -null platelets characterized by an impaired response to GP VI stimulation. <i>Blood</i> , 2003, 102, 541-548.	0.6	88
125	Absence of Memory B Cells in Patients with Common Variable Immunodeficiency. <i>Clinical Immunology</i> , 2002, 103, 34-42.	1.4	115
126	IFN- γ and pro-inflammatory cytokine production by antigen-presenting cells is dictated by intracellular thiol redox status regulated by oxygen tension. <i>European Journal of Immunology</i> , 2002, 32, 2866-2873.	1.6	92

#	ARTICLE	IF	CITATIONS
127	Pathogenic autoantibody production requires loss of tolerance against desmoglein 3 in both T and B cells in experimental pemphigus vulgaris. <i>European Journal of Immunology</i> , 2002, 32, 627.	1.6	91
128	Ultrastructural changes in mice actively producing antibodies to desmoglein 3 parallel those in patients with pemphigus vulgaris. <i>Archives of Dermatological Research</i> , 2002, 294, 318-323.	1.1	23
129	Immunologic and Histopathologic Characterization of an Active Disease Mouse Model for Pemphigus Vulgaris. <i>Journal of Investigative Dermatology</i> , 2002, 118, 199-204.	0.3	41
130	c-Jun N-terminal kinase activation during warm hepatic ischemia/reperfusion injuries in a rat model. <i>Wound Repair and Regeneration</i> , 2002, 10, 314-319.	1.5	5
131	Selective loss of gastrointestinal mast cells and impaired immunity in PI3K-deficient mice. <i>Nature Immunology</i> , 2002, 3, 295-304.	7.0	187
132	PI3K-mediated negative feedback regulation of IL-12 production in DCs. <i>Nature Immunology</i> , 2002, 3, 875-881.	7.0	495
133	IFN- γ production by antigen-presenting cells: mechanisms emerge. <i>Trends in Immunology</i> , 2001, 22, 556-560.	2.9	403
134	T Cell-Specific Loss of Pten Leads to Defects in Central and Peripheral Tolerance. <i>Immunity</i> , 2001, 14, 523-534.	6.6	524
135	Critical role of NK but not NKT cells in acute rejection of parental bone marrow cells in F1 hybrid mice. <i>European Journal of Immunology</i> , 2001, 31, 3147-3152.	1.6	33
136	Critical role of IL-15/IL-15R for antigen-presenting cell functions in the innate immune response. <i>Nature Immunology</i> , 2001, 2, 1138-1143.	7.0	163
137	Mouse CD94 Participates in Qa-1-Mediated Self Recognition by NK Cells and Delivers Inhibitory Signals Independent of Ly-49. <i>Journal of Immunology</i> , 2001, 166, 3771-3779.	0.4	18
138	Inducible Expression of Stat4 in Dendritic Cells and Macrophages and Its Critical Role in Innate and Adaptive Immune Responses. <i>Journal of Immunology</i> , 2001, 166, 4446-4455.	0.4	172
139	Overexpression of Bcl-2 Differentially Restores Development of Thymus-Derived CD4 ⁺ T Cells and Intestinal Intraepithelial T Cells in IFN-Regulatory Factor-1-Deficient Mice. <i>Journal of Immunology</i> , 2001, 166, 6509-6513.	0.4	12
140	ERK and p38 MAPK, but not NF- κ B, Are Critically Involved in Reactive Oxygen Species-Mediated Induction of IL-6 by Angiotensin II in Cardiac Fibroblasts. <i>Circulation Research</i> , 2001, 89, 661-669.	2.0	272
141	Expression of functional IL-2 receptors on mature splenic dendritic cells. <i>European Journal of Immunology</i> , 2000, 30, 1453-1457.	1.6	68
142	ZAP-70 is required for calcium mobilization but is dispensable for mitogen-activated protein kinase (MAPK) superfamily activation induced via CD2 in human T cells. <i>European Journal of Immunology</i> , 2000, 30, 78-86.	1.6	13
143	Two YxxL segments of a single immunoreceptor tyrosine-based activation motif in the CD3 η molecule differentially activate calcium mobilization and mitogen-activated protein kinase family pathways. <i>European Journal of Immunology</i> , 2000, 30, 1785-1793.	1.6	7
144	Development of chimeric molecules for recognition and targeting of antigen-specific B cells in pemphigus vulgaris. <i>British Journal of Dermatology</i> , 2000, 142, 321-330.	1.4	38

#	ARTICLE	IF	CITATIONS
145	Mechanisms of action of cyclosporine. <i>Immunopharmacology</i> , 2000, 47, 119-125.	2.0	687
146	Two distinct action mechanisms of immunophilin-ligand complexes for the blockade of T cell activation. <i>EMBO Reports</i> , 2000, 1, 428-434.	2.0	135
147	Phosphatidylinositol 3-Kinase and NF- κ B/Rel Are at the Divergence of CD40-Mediated Proliferation and Survival Pathways. <i>Journal of Immunology</i> , 2000, 165, 3860-3867.	0.4	74
148	Synergistic Effects of IL-4 and IL-18 on IL-12-Dependent IFN- γ Production by Dendritic Cells. <i>Journal of Immunology</i> , 2000, 164, 64-71.	0.4	212
149	Use of autoantigen-knockout mice in developing an active autoimmune disease model for pemphigus. <i>Journal of Clinical Investigation</i> , 2000, 105, 625-631.	3.9	239
150	Interleukin 12-dependent Interferon γ Production by CD8 α^+ Lymphoid Dendritic Cells. <i>Journal of Experimental Medicine</i> , 1999, 189, 1981-1986.	4.2	317
151	Temperature-sensitive ZAP70 Mutants Degrading through a Proteasome-independent Pathway. <i>Journal of Biological Chemistry</i> , 1999, 274, 34515-34518.	1.6	56
152	Increased insulin sensitivity and hypoglycaemia in mice lacking the p85 subunit of phosphoinositide 3-kinase. <i>Nature Genetics</i> , 1999, 21, 230-235.	9.4	374
153	Xid-Like Immunodeficiency in Mice with Disruption of the p85 Subunit of Phosphoinositide 3-Kinase. <i>Science</i> , 1999, 283, 390-392.	6.0	445
154	Positive selection of CD4 $^+$ T cells by TCR-specific antibodies requires low valency TCR cross-linking: implications for repertoire selection in the thymus. <i>European Journal of Immunology</i> , 1998, 28, 3252-3258.	1.6	11
155	Energy of Adhesion of Human T Cells to Adsorption Layers of Monoclonal Antibodies Measured by a Film Trapping Technique. <i>Biophysical Journal</i> , 1998, 75, 545-556.	0.2	18
156	T Lymphocyte Activation Signals for Interleukin-2 Production Involve Activation of MKK6-p38 and MKK7-SAPK/JNK Signaling Pathways Sensitive to Cyclosporin A. <i>Journal of Biological Chemistry</i> , 1998, 273, 12378-12382.	1.6	183
157	Pre-TCR signaling components trigger transcriptional activation of a rearranged TCR alpha gene locus and silencing of the pre-TCR alpha locus: implications for intrathymic differentiation. <i>International Immunology</i> , 1997, 9, 1475-1480.	1.8	29
158	IL-2 and IL-7 differentially induce CD4-CD8- alpha beta TCR+NK1.1+ large granular lymphocytes and IL-4-producing cells from CD4-CD8- alpha beta TCR+NK1.1- cells: implications for the regulation of Th1- and Th2- type responses. <i>International Immunology</i> , 1997, 9, 1123-1129.	1.8	12
159	Functional analysis of immunoreceptor tyrosinebased activation motif (ITAM)-mediated signal transduction: the two YxxL segments within a single CD3 ζ ITAM are functionally distinct. <i>European Journal of Immunology</i> , 1997, 27, 2001-2009.	1.6	39
160	Double-positive T cell receptorhigh thymocytes are resistant to peptide/major histocompatibility complex ligand-induced negative selection. <i>European Journal of Immunology</i> , 1997, 27, 2279-2289.	1.6	28
161	Essential requirement of an invariant V alpha 14 T cell antigen receptor expression in the development of natural killer T cells.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996, 93, 11025-11028.	3.3	95
162	T lymphocyte development in the absence of Fc γ receptor β subunit: analysis of thymic-dependent and independent β and β pathways. <i>European Journal of Immunology</i> , 1996, 26, 1935-1943.	1.6	18

#	ARTICLE	IF	CITATIONS
163	CD3+CD16+NK1.1+B220+ large granular lymphocytes arise from both alpha-beta TCR+CD4-CD8- and gamma-delta TCR+CD4-CD8- cells.. Journal of Experimental Medicine, 1994, 179, 1957-1972.	4.2	88
164	Delineation of a T-cell activation motif required for binding of protein tyrosine kinases containing tandem SH2 domains.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 6693-6697.	3.3	66
165	Restoration of T cell development in RAG-2-deficient mice by functional TCR transgenes. Science, 1993, 259, 822-825.	6.0	374
166	A soluble multimeric recombinant CD2 protein identifies CD48 as a low affinity ligand for human CD2: divergence of CD2 ligands during the evolution of humans and mice.. Journal of Experimental Medicine, 1993, 177, 1439-1450.	4.2	117
167	Interactions Between CD2 and T-Cell Receptor Isoforms in CTL Function. , 1993, , 72-83.		0
168	T cell receptor complexes containing Fc epsilon RI gamma homodimers in lieu of CD3 zeta and CD3 eta components: a novel isoform expressed on large granular lymphocytes.. Journal of Experimental Medicine, 1992, 175, 203-209.	4.2	77
169	T-cell receptor isoforms and signal transduction. Current Opinion in Immunology, 1991, 3, 32-39.	2.4	11
170	Complementary roles for CD2 and LFA-1 adhesion pathways during T cell activation. European Journal of Immunology, 1991, 21, 605-610.	1.6	75
171	Differential signal transduction via T-cell receptor CD3 zeta 2, CD3 zeta-eta, and CD3 eta 2 isoforms.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 3842-3846.	3.3	37
172	CD3 eta and CD3 zeta are alternatively spliced products of a common genetic locus and are transcriptionally and/or post-transcriptionally regulated during T-cell development.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 5202-5206.	3.3	56
173	T cell receptor-independent CD2 signal transduction in FcR+ cells.. Journal of Experimental Medicine, 1991, 173, 859-868.	4.2	24
174	Molecular cloning of the CD3 eta subunit identifies a CD3 zeta-related product in thymus-derived cells.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 3319-3323.	3.3	99
175	Role of interaction of CD2 molecules with lymphocyte function-associated antigen 3 in T-cell recognition of nominal antigen.. Proceedings of the National Academy of Sciences of the United States of America, 1990, 87, 2603-2607.	3.3	98
176	Identification of a cell surface 105 kd protein (Aic-2 antigen) which binds interleukin-3. International Immunology, 1990, 2, 143-150.	1.8	36
177	70-75 kd molecules expressed on LGL and T cells recognized by a mitogenic monoclonal antibody YTA-1; co-modulation and functional association with the interleukin 2 receptor p75. International Immunology, 1990, 2, 391-397.	1.8	2
178	Characterization of thymus-derived lymphocytes expressing Ti alpha-beta CD3 gamma delta epsilon zeta-zeta, Ti alpha-beta CD3 gamma delta epsilon eta-eta or Ti alpha-beta CD3 gamma delta epsilon zeta-zeta/zeta-eta antigen receptor isoforms: analysis by gene transfection.. Journal of Experimental Medicine, 1990, 172, 1243-1253.	4.2	27
179	Regulation by intracellular Ca ²⁺ and cyclic AMP of the growth factor-induced ruffling membrane formation and stimulation of fluid-phase endocytosis and exocytosis. Experimental Cell Research, 1989, 181, 454-462.	1.2	27
180	IL-2 enhancing factor(s) in B cell supernatants from patients with rheumatoid arthritis or systemic lupus erythematosus.. Tohoku Journal of Experimental Medicine, 1989, 159, 171-183.	0.5	1

#	ARTICLE	IF	CITATIONS
181	DEVELOPMENT OF NEW TECHNIQUES FOR IDENTIFICATION, PURIFICATION AND CHARACTERIZATION OF CANCER CELL-SPECIFIC PROTEINS. , 1989, , 175-183.		0
182	Differential effects on expression of IL-2 receptors (p55 and p70) by the HTLV-1 pX DNA. International Journal of Cancer, 1988, 41, 880-885.	2.3	26
183	Alteration in growth, cell morphology, and cytoskeletal structures of KB cells induced by epidermal growth factor and transforming growth factor- β . Experimental Cell Research, 1988, 176, 107-116.	1.2	35
184	Rapid stimulation of fluid-phase endocytosis and exocytosis by insulin, insulin-like growth factor-I, and epidermal growth factor in KB cells. Experimental Cell Research, 1988, 178, 73-83.	1.2	27
185	Purification and characterization of the 90-kDa heat-shock protein from mammalian tissues. FEBS Journal, 1988, 177, 1-7.	0.2	33
186	Autoantibodies to the heat-shock protein hsp90 in systemic lupus erythematosus.. Journal of Clinical Investigation, 1988, 81, 106-109.	3.9	141
187	Cofilin is a component of intranuclear and cytoplasmic actin rods induced in cultured cells.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 5262-5266.	3.3	253
188	A Mr=190,000 glycoprotein phosphorylated on tyrosine residues in epidermal growth factor stimulated KB cells is the product of the C-erbB-2 gene. Biochemical and Biophysical Research Communications, 1987, 144, 699-704.	1.0	32
189	Distribution among tissues and intracellular localization of cofilin, a 21kDa actin-binding protein.. Cell Structure and Function, 1987, 12, 443-452.	0.5	54
190	Two mammalian heat shock proteins, HSP90 and HSP100, are actin-binding proteins.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 8054-8058.	3.3	320
191	A heat shock-resistant variant of Chinese hamster cell line constitutively expressing heat shock protein of Mr 90,000 at high level.. Cell Structure and Function, 1986, 11, 65-73.	0.5	48
192	Right-handed flagella in tumbling Caulobacter. Nature, 1985, 314, 20-20.	13.7	0
193	On Flagellar Formation in Caulobacter crescentus: Novel Flagellin Synthesis in Stub-Forming Non-Motile Mutants of C. crescentus. Journal of Biochemistry, 1984, 96, 1351-1364.	0.9	2
194	Alteration in Penicillin-Binding Patterns during Cell Cycle of Caulobacter crescentus1. Journal of Biochemistry, 1984, 95, 593-595.	0.9	3
195	Caulobacter crescentus flagellar filament has a right-handed helical form. Journal of Molecular Biology, 1984, 173, 125-130.	2.0	53
196	Electron microscopy of Caulobacter straight flagellar polymers.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1983, 59, 194-197.	1.6	1
197	Sequential polymerization of flagellin A and flagellin B into Caulobacter flagella. Journal of Molecular Biology, 1981, 153, 471-475.	2.0	28
198	The Penicillin-Binding Proteins of Caulobacter crescentus1. Journal of Biochemistry, 1980, 87, 363-366.	0.9	26

#	ARTICLE	IF	CITATIONS
199	Penicillin-binding proteins in soluble fraction of Escherichia coli K-12.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1980, 56, 420-424.	1.6	1
200	Characterization of two flagella-related protein from Caulobacter crescentus. FEBS Letters, 1978, 95, 70-75.	1.3	23
201	The Role of Phosphoinositide-3-kinase in Mast Cell Homing to the Gastrointestinal Tract. Novartis Foundation Symposium, 0, , 152-165.	1.2	6
202	On the 50th anniversary of the Japanese Society for Immunology. International Immunology, 0, , .	1.8	0
203	ILC2s and Adipose Tissue Homeostasis: Progress to Date and the Road Ahead. Frontiers in Immunology, 0, 13, .	2.2	3