Kiyoshi Takatsu

List of Publications by Year
in descending order

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216 papers	13,773 citations	18482 62 h-index	24258 110 g-index
220 all docs	220 docs citations	220 times ranked	15302 citing authors

#	Article	IF	Citations
1	Toll-like Receptors on Hematopoietic Progenitor Cells Stimulate Innate Immune System Replenishment. Immunity, 2006, 24, 801-812.	14.3	723
2	Regulatory Mechanisms for Adipose Tissue M1 and M2 Macrophages in Diet-Induced Obese Mice. Diabetes, 2009, 58, 2574-2582.	0.6	619
3	Initiation of the adaptive immune response to Mycobacterium tuberculosis depends on antigen production in the local lymph node, not the lungs. Journal of Experimental Medicine, 2008, 205, 105-115.	8.5	480
4	Mycobacterium tuberculosisInfects Dendritic Cells with High Frequency and Impairs Their Function In Vivo. Journal of Immunology, 2007, 179, 2509-2519.	0.8	471
5	Cloning of complementary DNA encoding T-cell replacing factor and identity with B-cell growth factor II. Nature, 1986, 324, 70-73.	27.8	412
6	CD4⁺T-Lymphocytes and Interleukin-5 Mediate Antigen-induced Eosinophil Infiltration into the Mouse Trachea. The American Review of Respiratory Disease, 1992, 146, 374-377.	2.9	364
7	IL-5- and eosinophil-mediated inflammation: from discovery to therapy. International Immunology, 2009, 21, 1303-1309.	4.0	315
8	Rap1 Is a Potent Activation Signal for Leukocyte Function-Associated Antigen 1 Distinct from Protein Kinase C and Phosphatidylinositol-3-OH Kinase. Molecular and Cellular Biology, 2000, 20, 1956-1969.	2.3	313
9	Pathogen-specific regulatory T cells delay the arrival of effector T cells in the lung during early tuberculosis. Journal of Experimental Medicine, 2010, 207, 1409-1420.	8.5	281
10	IL-5 and eosinophilia. Current Opinion in Immunology, 2008, 20, 288-294.	5.5	272
11	T Cell-Replacing Factor (TRF)/Interleukin 5 (IL-5): Molecular and Functional Properties. Immunological Reviews, 1988, 102, 107-135.	6.0	258
12	Identification of Innate IL-5â€“Producing Cells and Their Role in Lung Eosinophil Regulation and Antitumor Immunity. Journal of Immunology, 2012, 188, 703-713.	0.8	258
13	The order of expression of transcription factors directs hierarchical specification of hematopoietic lineages. Genes and Development, 2006, 20, 3010-3021.	5.9	251
14	Cloning of cDNA for human T-cell replacing factor (interieukin-5) and comparison with the murine homologue. Nucleic Acids Research, 1986, 14, 9149-9158.	14.5	212
15	Defective B-1 Cell Development and Impaired Immunity against Angiostrongylus cantonensis in IL-5RÎ±-Deficient Mice. Immunity, 1996, 4, 483-494.	14.3	208
16	CD206+ M2-like macrophages regulate systemic glucose metabolism by inhibiting proliferation of adipocyte progenitors. Nature Communications, 2017, 8, 286.	12.8	178
17	Activation of bruton's tyrosine kinase (BTK) by a point mutation in its pleckstrin homology (PH) domain. Immunity, 1995, 2, 451-460.	14.3	177
18	Interleukin-5 and IL-5 receptor in health and diseases. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 2011, 87, 463-485.	3.8	175

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19	Isoliquiritigenin is a potent inhibitor of NLRP3 inflammasome activation and diet-induced adipose tissue inflammation. Journal of Leukocyte Biology, 2014, 96, 1087-1100.	3.3	171
20	Identification of eosinophil lineageâ€“committed progenitors in the murine bone marrow. Journal of Experimental Medicine, 2005, 201, 1891-1897.	8.5	170
21	Quantification of Self-Renewal Capacity in Single Hematopoietic Stem Cells from Normal and Lnk-Deficient Mice. Developmental Cell, 2005, 8, 907-914.	7.0	170
22	Identification of the human eosinophil lineage-committed progenitor: revision of phenotypic definition of the human common myeloid progenitor. Journal of Experimental Medicine, 2009, 206, 183-193.	8.5	166
23	Role of Interleukin-5 and Eosinophils in Allergen-Induced Airway Remodeling in Mice. American Journal of Respiratory Cell and Molecular Biology, 2004, 31, 62-68.	2.9	165
24	A protein associated with Toll-like receptor (TLR) 4 (PRAT4A) is required for TLR-dependent immune responses. Journal of Experimental Medicine, 2007, 204, 2963-2976.	8.5	162
25	Role of Cytokines in Allergic Airway Inflammation. International Archives of Allergy and Immunology, 2007, 142, 265-273.	2.1	139
26	Inflammation-induced endothelial cell-derived extracellular vesicles modulate the cellular status of pericytes. Scientific Reports, 2015, 5, 8505.	3.3	134
27	Lnk negatively regulates self-renewal of hematopoietic stem cells by modifying thrombopoietin-mediated signal transduction. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 2349-2354.	7.1	133
28	Enhanced Hematopoiesis by Hematopoietic Progenitor Cells Lacking Intracellular Adaptor Protein, Lnk. Journal of Experimental Medicine, 2002, 195, 151-160.	8.5	128
29	Control of B Cell Production by the Adaptor Protein Lnk. Immunity, 2000, 13, 599-609.	14.3	127
30	The Role of IL-5 for Mature B-1 Cells in Homeostatic Proliferation, Cell Survival, and Ig Production. Journal of Immunology, 2004, 172, 6020-6029.	0.8	123
31	Interleukin-5 and Its Receptor System: Implications in the Immune System and Inflammation. Advances in Immunology, 1994, 57, 145-190.	2.2	119
32	The role of antigenic peptide in CD4+ T helper phenotype development in a T cell receptor transgenic model. International Immunology, 2004, 16, 1691-1699.	4.0	107
33	Spred-1 negatively regulates allergen-induced airway eosinophilia and hyperresponsiveness. Journal of Experimental Medicine, 2005, 201, 73-82.	8.5	106
34	Mycobacterium tuberculosisSynergizes with ATP To Induce Release of Microvesicles and Exosomes Containing Major Histocompatibility Complex Class II Molecules Capable of Antigen Presentation. Infection and Immunity, 2010, 78, 5116-5125.	2.2	102
35	A Protein Associated with Toll-Like Receptor 4 (PRAT4A) Regulates Cell Surface Expression of TLR4. Journal of Immunology, 2006, 177, 1772-1779.	0.8	101
36	Interleukin 5 and B cell differentiation. Cytokine and Growth Factor Reviews, 1998, 9, 25-35.	7.2	99

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37	Chapter 6 Interleukin 5 in the Link Between the Innate and Acquired Immune Response. Advances in Immunology, 2009, 101, 191-236.	2.2	99
38	The Radioprotective 105/MD-1 Complex Links TLR2 and TLR4/MD-2 in Antibody Response to Microbial Membranes. Journal of Immunology, 2005, 174, 7043-7049.	0.8	97
39	JAK2 and JAK1 Constitutively Associate With an Interleukin-5 (IL-5) Receptor Î± and Î²c Subunit, Respectively, and Are Activated Upon IL-5 Stimulation. Blood, 1998, 91, 2264-2271.	1.4	96
40	Local microbleeding facilitates IL-6â€“ and IL-17â€“dependent arthritis in the absence of tissue antigen recognition by activated T cells. Journal of Experimental Medicine, 2011, 208, 103-114.	8.5	95
41	Telmisartan Improves Insulin Resistance and Modulates Adipose Tissue Macrophage Polarization in High-Fat-Fed Mice. Endocrinology, 2011, 152, 1789-1799.	2.8	91
42	Glycyrrhizin and isoliquiritigenin suppress the LPS sensor Toll-like receptor 4/MD-2 complex signaling in a different manner. Journal of Leukocyte Biology, 2012, 91, 967-976.	3.3	88
43	Effect of anti-IL-5 monoclonal antibody on allergic bronchial eosinophilia and airway hyperresponsiveness in mice. Life Sciences, 1993, 53, PL243-PL247.	4.3	87
44	Increased Insulin Sensitivity and Hypoinsulinemia in APS Knockout Mice. Diabetes, 2003, 52, 2657-2665.	0.6	86
45	Lnk regulates integrin Î±IIbÎ²3 outside-in signaling in mouse platelets, leading to stabilization of thrombus development in vivo. Journal of Clinical Investigation, 2010, 120, 179-190.	8.2	84
46	HIF-1Î± in Myeloid Cells Promotes Adipose Tissue Remodeling Toward Insulin Resistance. Diabetes, 2016, 65, 3649-3659.	0.6	81
47	Reaginic antibody formation in the mouse. Cellular Immunology, 1975, 20, 276-289.	3.0	79
48	Both Stat5a and Stat5b are required for antigen-induced eosinophil and T-cell recruitment into the tissue. Blood, 2000, 95, 1370-1377.	1.4	79
49	Interleukin-5 regulates genes involved in B-cell terminal maturation. Immunology, 2006, 118, 060530020504002-???.	4.4	79
50	Differential regulation of IgA production by TGF-Î² and IL-5: TGF-Î² induces surface IgA-positive cells bearing IL-5 receptor, whereas IL-5 promotes their survival and maturation into IgA-secreting cells. Cellular Immunology, 1992, 140, 158-172.	3.0	77
51	Oct2 enhances antibody-secreting cell differentiation through regulation of IL-5 receptor Î± chain expression on activated B cells. Journal of Experimental Medicine, 2008, 205, 409-421.	8.5	75
52	Isoliquiritigenin Attenuates Adipose Tissue Inflammation in vitro and Adipose Tissue Fibrosis through Inhibition of Innate Immune Responses in Mice. Scientific Reports, 2016, 6, 23097.	3.3	75
53	Intramuscular Injection of Expression Plasmid DNA Is an Effective Means of Long-Term Systemic Delivery of Interleukin-5. Biochemical and Biophysical Research Communications, 1997, 233, 527-531.	2.1	74
54	A subset of cerebrovascular pericytes originates from mature macrophages in the very early phase of vascular development in CNS. Scientific Reports, 2017, 7, 3855.	3.3	73

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55	Interleukin 5 and interleukin 3 induce serine and tyrosine phosphorylations of several cellular proteins in an interleukin 5-dependent cell line. Biochemical and Biophysical Research Communications, 1990, 173, 1102-1108.	2.1	72
56	Establishment of IL-5-Dependent Early B Cell Lines by Long-Term Bone Marrow Cultures. Growth Factors, 1989, 1, 135-146.	1.7	70
57	Critical proline residues of the cytoplasmic domain of the IL-5 receptor Î± chain and its function in IL-5-mediated activation of JAK kinase and STAT5. International Immunology, 1996, 8, 237-245.	4.0	70
58	In vitro antiâ€tumor activity of eosinophils from cancer patients treated with subcutaneous administration of interleukin 2. Role of interleukin 5. International Journal of Cancer, 1993, 54, 8-15.	5.1	68
59	Deficiency of Nicotinamide Mononucleotide Adenylyltransferase 3 (Nmnat3) Causes Hemolytic Anemia by Altering the Glycolytic Flow in Mature Erythrocytes. Journal of Biological Chemistry, 2014, 289, 14796-14811.	3.4	68
60	Allergic diseases: From bench to clinic - Contribution of the discovery of interleukin-5. Cytokine, 2017, 98, 59-70.	3.2	68
61	Characterization of the human IL-5 receptors on eosinophils. Cellular Immunology, 1991, 133, 484-497.	3.0	65
62	Activation and Regulation of the Pattern Recognition Receptors in Obesity-Induced Adipose Tissue Inflammation and Insulin Resistance. Nutrients, 2013, 5, 3757-3778.	4.1	65
63	An Hour after Immunization Peritoneal B-1 Cells Are Activated to Migrate to Lymphoid Organs Where within 1 Day They Produce IgM Antibodies That Initiate Elicitation of Contact Sensitivity. Journal of Immunology, 2005, 175, 7170-7178.	0.8	64
64	In vivoadministration of antibody to murine IL-5 receptor inhibits eosinophilia of IL-5 transgenic mice. International Immunology, 1991, 3, 135-139.	4.0	63
65	SH2-B Is Required for Both Male and Female Reproduction. Molecular and Cellular Biology, 2002, 22, 3066-3077.	2.3	61
66	Cytokines Involved in B-Cell Differentiation and Their Sites of Action. Experimental Biology and Medicine, 1997, 215, 121-133.	2.4	59
67	Characterization of the murine interleukin 5 receptor by using a monoclonal antibody. International Immunology, 1990, 2, 181-187.	4.0	58
68	Structural basis of interleukinâ€5 dimer recognition by its Î± receptor. Protein Science, 2012, 21, 850-864.	7.6	57
69	IL-5 and Its Receptor: Which Role Do They Play in the Immune Response?. International Archives of Allergy and Immunology, 1994, 104, 1-9.	2.1	56
70	Defective IL-5-receptor-mediated signaling in B cells of X-linked immunodeficient mice. International Immunology, 1995, 7, 21-30.	4.0	55
71	Protective Roles of Eosinophils in Nippostrongylus brasiliensis Infection. International Archives of Allergy and Immunology, 1997, 114, 45-50.	2.1	53
72	Conversion of Normal Ly-1-Positive B-Lineage Cells into Ly-1-Positive Macrophages in Long-Term Bone Marrow Cultures. Autoimmunity, 1990, 1, 113-125.	0.6	52

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73	Sophoricoside Analogs as the IL-5 Inhibitors from Sophora japonica. Planta Medica, 1999, 65, 408-412.	1.3	52
74	Selective suppression of t-cell activity in tumor-bearing mice and its improvement by lentinan, a potent anti-tumor polysaccharide. International Journal of Cancer, 1976, 18, 93-104.	5.1	51
75	Distinct Mechanisms of Î±5Î²1 Integrin Activation by Ha-Ras and R-Ras. Journal of Biological Chemistry, 2000, 275, 22590-22596.	3.4	51
76	Eplerenone prevented obesity-induced inflammasome activation and glucose intolerance. Journal of Endocrinology, 2017, 235, 179-191.	2.6	51
77	Antibody against interleukin-5 prevents antigen-induced eosinophil infiltration and bronchial hyperreactivity in the guinea pig airways. Immunology Letters, 1995, 45, 109-116.	2.5	49
78	Eosinophilia and intracranial worm recovery in interleukin-5 transgenic and interleukin-5 receptor Î± chain-knockout mice infected with Angiostrongylus cantonensis. Parasitology Research, 1997, 83, 583-590.	1.6	49
79	Purification and Characterization of Recombinant Human Interleukin 5 Expressed in Chinese Hamster Ovary Cells. Journal of Biochemistry, 1989, 106, 23-28.	1.7	48
80	Impaired Lymphopoiesis and Altered B Cell Subpopulations in Mice Overexpressing Lnk Adaptor Protein. Journal of Immunology, 2003, 170, 703-710.	0.8	47
81	Establishment of humanized anti-interleukin-5 receptor alpha chain monoclonal antibodies having a potent neutralizing activity. Human Antibodies, 2009, 18, 17-27.	1.5	46
82	Protective immunity afforded by attenuated, PhoPâ€deficient Mycobacterium tuberculosis is associated with sustained generation of CD4⁺ Tâ€cell memory. European Journal of Immunology, 2012, 42, 385-392.	2.9	46
83	Bidirectional crosstalk between neutrophils and adipocytes promotes adipose tissue inflammation. FASEB Journal, 2019, 33, 11821-11835.	0.5	46
84	Interleukin 5 activity in sera from patients with eosinophilia. British Journal of Haematology, 1990, 75, 458-462.	2.5	44
85	T-Cell-Dependent Accumulation of Eosinophils in the Lung and Its Inhibition by Monoclonal Anti-Interleukin-5. International Archives of Allergy and Immunology, 1991, 94, 171-173.	2.1	44
86	The Radioprotective 105/MD-1 Complex Contributes to Diet-Induced Obesity and Adipose Tissue Inflammation. Diabetes, 2012, 61, 1199-1209.	0.6	43
87	T cell replacing factor/interleukin 5 induces not only B-cell growth and differentiation, but also increased expression of interleukin 2 receptor on activated B-cells. Immunology Letters, 1987, 15, 205-215.	2.5	41
88	The relevance of murine animal models to study the development of allergic bronchial asthma. Immunology and Cell Biology, 1996, 74, 209-217.	2.3	41
89	Defective degranulation and calcium mobilization of bone-marrow derived mast cells from Xid and Btk-deficient mice. Immunology Letters, 1998, 64, 109-118.	2.5	41
90	Enhanced engraftment of hematopoietic stem/progenitor cells by the transient inhibition of an adaptor protein, Lnk. Blood, 2006, 107, 2968-2975.	1.4	41

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91	Role of Interleukin-5 in Local Accumulation of Eosinophils in Mouse Allergic Peritonitis. International Archives of Allergy and Immunology, 1991, 96, 41-45.	2.1	40
92	Regulatory effect of anti-interleukin-5 monoclonal antibody on intestinal worm burden in a primary infection with Strongyloides venezuelensis in mic. International Journal for Parasitology, 1994, 24, 951-957.	3.1	40
93	NF-kappaB is required for CD38-mediated induction of Cgamma1 germline transcripts in murine B lymphocytes. International Immunology, 2002, 14, 1055-1064.	4.0	40
94	Growth and maturation of megakaryocytes is regulated by Lnk/Sh2b3 adaptor protein through crosstalk between cytokine- and integrin-mediated signals. Experimental Hematology, 2008, 36, 897-906.	0.4	40
95	Role of CD4+ T lymphocytes and interleukin-5 in antigen-induced eosinophil recruitment into the site of cutaneous late-phase reaction in mice. Journal of Leukocyte Biology, 1992, 52, 572-578.	3.3	39
96	Regulation of Hematopoietic Development in the Aorta-Gonad-Mesonephros Region Mediated by Lnk Adaptor Protein. Molecular and Cellular Biology, 2003, 23, 8486-8494.	2.3	38
97	Molecular Cloning of the Mouse APS as a Member of the Lnk Family Adaptor Proteins. Biochemical and Biophysical Research Communications, 2000, 272, 45-54.	2.1	35
98	Differential inhibitory effects of sophoricoside analogs on bioactivity of several cytokines. Life Sciences, 2000, 67, 2855-2863.	4.3	34
99	Essential Role of Stat5 for IL-5-Dependent IgH Switch Recombination in Mouse B Cells. Journal of Immunology, 2001, 167, 5018-5026.	0.8	34
100	Lnk/Sh2b3 Controls the Production and Function of Dendritic Cells and Regulates the Induction of IFN-Î³â€“Producing T Cells. Journal of Immunology, 2014, 193, 1728-1736.	0.8	34
101	Structural comparison of murine T-cell (B151K12)-derived T-cell-replacing factor (IL-5) with RIL-5: Dimer formation is essential for the expression of biological activity. Molecular Immunology, 1990, 27, 911-920.	2.2	33
102	Transgene-mediated hyper-expression of IL-5 inhibits autoimmune disease but increases the risk of Bâ€„cell chronic lymphocytic leukemia in a model of murine lupus. European Journal of Immunology, 2004, 34, 2740-2749.	2.9	33
103	Adhesion Molecules on Eosinophils in Acute Eosinophilic Pneumonia. American Journal of Respiratory and Critical Care Medicine, 1995, 151, 1259-1262.	5.6	32
104	Interferonâ€Î³ constrains cytokine production of group 2 innate lymphoid cells. Immunology, 2016, 147, 21-29.	4.4	32
105	Molecular characterization of the Î² chain of the murine interleukin 5 receptor. International Immunology, 1991, 3, 665-672.	4.0	31
106	Tetrameric Interaction of the Ectoenzyme CD38 on the Cell Surface Enables Its Catalytic and Raft-Association Activities. Structure, 2012, 20, 1585-1595.	3.3	31
107	Immunogenicity of Peptide-25 of Ag85B in Th1 development: role of IFN-Â. International Immunology, 2003, 15, 1183-1194.	4.0	30
108	Toll-like receptor 7 cooperates with IL-4 in activated B cells through antigen receptor or CD38 and induces class switch recombination and IgG1 production. Molecular Immunology, 2009, 46, 1278-1288.	2.2	30

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109	The Murine Interleukin-5 Receptor Î±-Subunit Gene: Characterization of the Gene Structure and Chromosome Mapping. DNA and Cell Biology, 1994, 13, 283-292.	1.9	29
110	The Activation of the JAK2/STAT5 Pathway Is Commonly Involved in Signaling through the Human IL-5 Receptor. International Archives of Allergy and Immunology, 1997, 114, 24-27.	2.1	29
111	CpG ODN mediated prevention from ovalbumin-induced anaphylaxis in mouse through B cell pathway. International Immunopharmacology, 2008, 8, 351-361.	3.8	29
112	DBA/2Ha Mice as a Model of an X-Linked Immunodeficiency which is Defective in the Expression of TRF-Acceptor Site(s) on B Lymphocytes. Immunological Reviews, 1982, 64, 25-55.	6.0	28
113	Roles of a conserved family of adaptor proteins, Lnk, SH2-B, and APS, for mast cell development, growth, and functions: APS-deficiency causes augmented degranulation and reduced actin assembly. Biochemical and Biophysical Research Communications, 2004, 315, 356-362.	2.1	28
114	Bruton's tyrosine kinase is required for signaling the CD79b-mediated pro-B to pre-B cell transition. International Immunology, 2001, 13, 485-493.	4.0	27
115	Intraepithelial infiltration of eosinophils and their contribution to the elimination of adult intestinal nematode, Strongyloides venezuelensis in mice. Parasitology International, 2003, 52, 71-79.	1.3	27
116	Analysis of Trichophyton antigen-induced contact hypersensitivity in mouse. Journal of Dermatological Science, 2012, 66, 144-153.	1.9	27
117	The RP105/MD-1 complex is indispensable for TLR4/MD-2-dependent proliferation and IgM-secreting plasma cell differentiation of marginal zone B cells. International Immunology, 2012, 24, 389-400.	4.0	26
118	The TLR family protein RP105/MD-1 complex. Adipocyte, 2013, 2, 61-66.	2.8	26
119	Identification of Amino Acid Residues of the T-Cell Epitope ofMycobacterium tuberculosisÎ± Antigen Critical for VÎ²11⁺Th1 Cells. Infection and Immunity, 1999, 67, 4312-4319.	2.2	26
120	Interleukin 5 and its receptor. Progress in Growth Factor Research, 1991, 3, 87-102.	1.6	25
121	Requirement of IL-5 for induction of autoimmune hemolytic anemia in anti-red blood cell autoantibody transgenic mice. International Immunology, 1999, 11, 995-1000.	4.0	25
122	Distinctive roles of Fyn and Lyn in IgD- and IgM-mediated signaling. International Immunology, 1999, 11, 1441-1449.	4.0	25
123	IgG1 production by sIgD+ splenic B cells and peritoneal B-1 cells in response to IL-5 and CD38 ligation. International Immunology, 1999, 11, 915-923.	4.0	24
124	The immunogenic peptide for Th1 development. International Immunopharmacology, 2003, 3, 783-800.	3.8	24
125	Localization of the gene encoding the Î± subunit of human interleukin-5 receptor (IL5RA) to chromosome region 3p24â€“3p26. Genomics, 1992, 14, 755-758.	2.9	23
126	IL-5 Predominant in Bronchoalveolar Lavage Fluid and Peripheral Blood in a Patient with Acute Eosinophilic Pneumonia.. Internal Medicine, 1995, 34, 65-68.	0.7	23

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127	Evaluation of Airway Hyperreactivity in Interleukin-5 Transgenic Mice. International Archives of Allergy and Immunology, 1995, 108, 28-30.	2.1	23
128	Biochemical and functional characterization of soluble form of IL-5 receptor Î± (sIL-5RÎ±) Development of ELISA system for detection of sIL-5RÎ±. Journal of Immunological Methods, 1994, 167, 289-298.	1.4	22
129	Impaired Vitamin A-Mediated Mucosal IgA Response in IL-5 Receptor-Knockout Mice. Biochemical and Biophysical Research Communications, 2001, 285, 546-549.	2.1	22
130	Increased Numbers of B-1 Cells and Enhanced Responses against TI-2 Antigen in Mice Lacking APS, an Adaptor Molecule Containing PH and SH2 Domains. Molecular and Cellular Biology, 2004, 24, 2243-2250.	2.3	21
131	Brutonâ€™s tyrosine kinase (Btk) enhances transcriptional coâ€activation activity of BAM11, a Btkâ€associated molecule of a subunit of SWI/SNF complexes. International Immunology, 2004, 16, 747-757.	4.0	21
132	Identification and characterization of a molecule, BAM11, that associates with the pleckstrin homology domain of mouse Btk. International Immunology, 2000, 12, 1397-1408.	4.0	20
133	IL-5-Induced Hypereosinophilia Suppresses the Antigen-Induced Immune Response via a TGF-Î²-Dependent Mechanism. Journal of Immunology, 2007, 179, 284-294.	0.8	20
134	Nasal Cholera Toxin Elicits IL-5 and IL-5 Receptor Î±-Chain Expressing B-1a B Cells for Innate Mucosal IgA Antibody Responses. Journal of Immunology, 2007, 178, 6058-6065.	0.8	20
135	Lnk prevents inflammatory CD8⁺ Tâ€cell proliferation and contributes to intestinal homeostasis. European Journal of Immunology, 2014, 44, 1622-1632.	2.9	20
136	Metabolism and biochemical properties of nicotinamide adenine dinucleotide (NAD) analogs, nicotinamide guanine dinucleotide (NGD) and nicotinamide hypoxanthine dinucleotide (NHD). Scientific Reports, 2019, 9, 13102.	3.3	20
137	Cytokine Receptors on Ly-1 B Cells. Annals of the New York Academy of Sciences, 1992, 651, 241-258.	3.8	19
138	Detection of interleukin-5 messenger RNA and interleukin-5 protein in bronchial biopsies from asthma by nonradioactive in situ hybridization and immunohistochemistry. Journal of Allergy and Clinical Immunology, 1994, 94, 584-593.	2.9	19
139	Interleukin 5 Plays an Essential Role in Elicitation of Contact Sensitivity through Dual Effects on Eosinophils and B-1 Cells. International Archives of Allergy and Immunology, 2006, 140, 8-16.	2.1	19
140	Differential requirements of MyD88 and TRIF pathways in TLR4-mediated immune responses in murine B cells. Immunology Letters, 2015, 163, 22-31.	2.5	19
141	Prolonged activation of IL-5â€“producing ILC2 causes pulmonary arterial hypertrophy. JCI Insight, 2017, 2, e90721.	5.0	19
142	Augmented induction of CD8+ cytotoxic T-cell response and antitumour resistance by T helper type 1-inducing peptide. Immunology, 2006, 117, 47-58.	4.4	18
143	Instruction of naive CD4+T-cell fate to T-bet expression and T helper 1 development: roles of T-cell receptor-mediated signals. Immunology, 2007, 122, 210-221.	4.4	18
144	Enhancing factor on anti-hapten antibody response released from PPDs-stimulated tubercle bacilli-sensitized cells. Immunochemistry, 1974, 11, 107-109.	1.2	17

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145	Functional Analysis of Thymic B Cells. Immunobiology, 1994, 190, 150-163.	1.9	17
146	Suppressed induction of mycobacterial antigen-specific Th1-type CD4+ T cells in the lung after pulmonary mycobacterial infection. International Immunology, 2010, 22, 307-318.	4.0	16
147	Increased production of intestinal immunoglobulins in Syntenin-1-deficient mice. Immunobiology, 2015, 220, 597-604.	1.9	16
148	Interleukin 5 (ILâ€5) and Its Receptor. Microbiology and Immunology, 1991, 35, 593-606.	1.4	15
149	Apoptosis and in vivo distribution and clearance of eosinophils in normal and Trichinella spiralis-infected rats. Journal of Leukocyte Biology, 1997, 62, 309-317.	3.3	15
150	Glycyrrhetinic acid inhibits contact hypersensitivity induced by trichophytin via dectinâ€1. Experimental Dermatology, 2016, 25, 299-304.	2.9	15
151	Antibody against T cell-replacing factor acceptor site(s) augments in vivo primary IgM responses to suboptimal doses of heterologous erythrocytes. Nature, 1981, 292, 360-362.	27.8	14
152	Mechanisms of the Interleukin 5-Induced Differentiation of B Cells1. Journal of Biochemistry, 1989, 106, 837-843.	1.7	14
153	Interleukin-5 Levels of Pleural Fluid and Serum Samples in a Patient with PIE Syndrome. Chest, 1992, 102, 1296-1297.	0.8	14
154	Involvement of the interleukin-2 receptor Î³ subunit in interleukin-4-dependent activation of mouse hematopoietic cells and splenic B cells. European Journal of Immunology, 1995, 25, 126-131.	2.9	13
155	Isoliquiritigenin Attenuates Adipose Tissue Inflammation and Metabolic Syndrome by Modifying Gut Bacteria Composition in Mice. Molecular Nutrition and Food Research, 2022, 66, e2101119.	3.3	13
156	Retroviral interleukin 5 gene transfer into interleukin 5-dependent growing cell lines results in autocrine growth and tumorigenicity. European Journal of Immunology, 1990, 20, 2699-2705.	2.9	12
157	Reduction of atherosclerosis despite hypercholesterolemia in lyn-deficient mice fed a high-fat diet. Genes To Cells, 2001, 6, 37-42.	1.2	12
158	Serum soluble MD-1 levels increase with disease progression in autoimmune prone MRLlpr/lpr mice. Molecular Immunology, 2012, 49, 611-620.	2.2	12
159	Murine interleukin 5 receptor isolated by immunoaffinity chromatography: comparison of determined N-terminal sequence and deduced primary sequence from cDNA and implication of a role of the intracytoplasmic domain. International Immunology, 1991, 3, 889-898.	4.0	11
160	Role of the interleukin 5 receptor system in hematopoiesis: Molecular basis for overlapping function of cytokines. BioEssays, 1992, 14, 527-533.	2.5	11
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