

Kiyoshi Takatsu

List of Publications by Year in descending order

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216
papers

13,773
citations

18436

62
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24179

110
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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. <i>Immunity</i> , 2006, 24, 801-812.	6.6	723
2	Regulatory Mechanisms for Adipose Tissue M1 and M2 Macrophages in Diet-Induced Obese Mice. <i>Diabetes</i> , 2009, 58, 2574-2582.	0.3	619
3	Initiation of the adaptive immune response to <i>Mycobacterium tuberculosis</i> depends on antigen production in the local lymph node, not the lungs. <i>Journal of Experimental Medicine</i> , 2008, 205, 105-115.	4.2	480
4	<i>Mycobacterium tuberculosis</i> Infects Dendritic Cells with High Frequency and Impairs Their Function In Vivo. <i>Journal of Immunology</i> , 2007, 179, 2509-2519.	0.4	471
5	Cloning of complementary DNA encoding T-cell replacing factor and identity with B-cell growth factor II. <i>Nature</i> , 1986, 324, 70-73.	13.7	412
6	CD4 ⁺ T-Lymphocytes and Interleukin-5 Mediate Antigen-induced Eosinophil Infiltration into the Mouse Trachea. <i>The American Review of Respiratory Disease</i> , 1992, 146, 374-377.	2.9	364
7	IL-5- and eosinophil-mediated inflammation: from discovery to therapy. <i>International Immunology</i> , 2009, 21, 1303-1309.	1.8	315
8	Rap1 Is a Potent Activation Signal for Leukocyte Function-Associated Antigen 1 Distinct from Protein Kinase C and Phosphatidylinositol-3-OH Kinase. <i>Molecular and Cellular Biology</i> , 2000, 20, 1956-1969.	1.1	313
9	Pathogen-specific regulatory T cells delay the arrival of effector T cells in the lung during early tuberculosis. <i>Journal of Experimental Medicine</i> , 2010, 207, 1409-1420.	4.2	281
10	IL-5 and eosinophilia. <i>Current Opinion in Immunology</i> , 2008, 20, 288-294.	2.4	272
11	T Cell-Replacing Factor (TRF)/Interleukin 5 (IL-5): Molecular and Functional Properties. <i>Immunological Reviews</i> , 1988, 102, 107-135.	2.8	258
12	Identification of Innate IL-5 ⁺ Producing Cells and Their Role in Lung Eosinophil Regulation and Antitumor Immunity. <i>Journal of Immunology</i> , 2012, 188, 703-713.	0.4	258
13	The order of expression of transcription factors directs hierarchical specification of hematopoietic lineages. <i>Genes and Development</i> , 2006, 20, 3010-3021.	2.7	251
14	Cloning of cDNA for human T-cell replacing factor (interleukin-5) and comparison with the murine homologue. <i>Nucleic Acids Research</i> , 1986, 14, 9149-9158.	6.5	212
15	Defective B-1 Cell Development and Impaired Immunity against <i>Angiostrongylus cantonensis</i> in IL-5R α -Deficient Mice. <i>Immunity</i> , 1996, 4, 483-494.	6.6	208
16	CD206 ⁺ M2-like macrophages regulate systemic glucose metabolism by inhibiting proliferation of adipocyte progenitors. <i>Nature Communications</i> , 2017, 8, 286.	5.8	178
17	Activation of bruton's tyrosine kinase (BTK) by a point mutation in its pleckstrin homology (PH) domain. <i>Immunity</i> , 1995, 2, 451-460.	6.6	177
18	Interleukin-5 and IL-5 receptor in health and diseases. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2011, 87, 463-485.	1.6	175

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19	Isoliquiritigenin is a potent inhibitor of NLRP3 inflammasome activation and diet-induced adipose tissue inflammation. <i>Journal of Leukocyte Biology</i> , 2014, 96, 1087-1100.	1.5	171
20	Identification of eosinophil lineage-committed progenitors in the murine bone marrow. <i>Journal of Experimental Medicine</i> , 2005, 201, 1891-1897.	4.2	170
21	Quantification of Self-Renewal Capacity in Single Hematopoietic Stem Cells from Normal and Lnk-Deficient Mice. <i>Developmental Cell</i> , 2005, 8, 907-914.	3.1	170
22	Identification of the human eosinophil lineage-committed progenitor: revision of phenotypic definition of the human common myeloid progenitor. <i>Journal of Experimental Medicine</i> , 2009, 206, 183-193.	4.2	166
23	Role of Interleukin-5 and Eosinophils in Allergen-Induced Airway Remodeling in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 31, 62-68.	1.4	165
24	A protein associated with Toll-like receptor (TLR) 4 (PRAT4A) is required for TLR-dependent immune responses. <i>Journal of Experimental Medicine</i> , 2007, 204, 2963-2976.	4.2	162
25	Role of Cytokines in Allergic Airway Inflammation. <i>International Archives of Allergy and Immunology</i> , 2007, 142, 265-273.	0.9	139
26	Inflammation-induced endothelial cell-derived extracellular vesicles modulate the cellular status of pericytes. <i>Scientific Reports</i> , 2015, 5, 8505.	1.6	134
27	Lnk negatively regulates self-renewal of hematopoietic stem cells by modifying thrombopoietin-mediated signal transduction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2349-2354.	3.3	133
28	Enhanced Hematopoiesis by Hematopoietic Progenitor Cells Lacking Intracellular Adaptor Protein, Lnk. <i>Journal of Experimental Medicine</i> , 2002, 195, 151-160.	4.2	128
29	Control of B Cell Production by the Adaptor Protein Lnk. <i>Immunity</i> , 2000, 13, 599-609.	6.6	127
30	The Role of IL-5 for Mature B-1 Cells in Homeostatic Proliferation, Cell Survival, and Ig Production. <i>Journal of Immunology</i> , 2004, 172, 6020-6029.	0.4	123
31	Interleukin-5 and Its Receptor System: Implications in the Immune System and Inflammation. <i>Advances in Immunology</i> , 1994, 57, 145-190.	1.1	119
32	The role of antigenic peptide in CD4+ T helper phenotype development in a T cell receptor transgenic model. <i>International Immunology</i> , 2004, 16, 1691-1699.	1.8	107
33	Spred-1 negatively regulates allergen-induced airway eosinophilia and hyperresponsiveness. <i>Journal of Experimental Medicine</i> , 2005, 201, 73-82.	4.2	106
34	<i>Mycobacterium tuberculosis</i> Synergizes with ATP To Induce Release of Microvesicles and Exosomes Containing Major Histocompatibility Complex Class II Molecules Capable of Antigen Presentation. <i>Infection and Immunity</i> , 2010, 78, 5116-5125.	1.0	102
35	A Protein Associated with Toll-Like Receptor 4 (PRAT4A) Regulates Cell Surface Expression of TLR4. <i>Journal of Immunology</i> , 2006, 177, 1772-1779.	0.4	101
36	Interleukin 5 and B cell differentiation. <i>Cytokine and Growth Factor Reviews</i> , 1998, 9, 25-35.	3.2	99

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37	Chapter 6 Interleukin 5 in the Link Between the Innate and Acquired Immune Response. <i>Advances in Immunology</i> , 2009, 101, 191-236.	1.1	99
38	The Radioprotective 105/MD-1 Complex Links TLR2 and TLR4/MD-2 in Antibody Response to Microbial Membranes. <i>Journal of Immunology</i> , 2005, 174, 7043-7049.	0.4	97
39	JAK2 and JAK1 Constitutively Associate With an Interleukin-5 (IL-5) Receptor $\hat{\alpha}$ and $\hat{\beta}$ Subunit, Respectively, and Are Activated Upon IL-5 Stimulation. <i>Blood</i> , 1998, 91, 2264-2271.	0.6	96
40	Local microbleeding facilitates IL-6 and IL-17 dependent arthritis in the absence of tissue antigen recognition by activated T cells. <i>Journal of Experimental Medicine</i> , 2011, 208, 103-114.	4.2	95
41	Telmisartan Improves Insulin Resistance and Modulates Adipose Tissue Macrophage Polarization in High-Fat-Fed Mice. <i>Endocrinology</i> , 2011, 152, 1789-1799.	1.4	91
42	Glycyrrhizin and isoliquiritigenin suppress the LPS sensor Toll-like receptor 4/MD-2 complex signaling in a different manner. <i>Journal of Leukocyte Biology</i> , 2012, 91, 967-976.	1.5	88
43	Effect of anti-IL-5 monoclonal antibody on allergic bronchial eosinophilia and airway hyperresponsiveness in mice. <i>Life Sciences</i> , 1993, 53, PL243-PL247.	2.0	87
44	Increased Insulin Sensitivity and Hypoinsulinemia in APS Knockout Mice. <i>Diabetes</i> , 2003, 52, 2657-2665.	0.3	86
45	Lnk regulates integrin α β 3 outside-in signaling in mouse platelets, leading to stabilization of thrombus development in vivo. <i>Journal of Clinical Investigation</i> , 2010, 120, 179-190.	3.9	84
46	HIF-1 in Myeloid Cells Promotes Adipose Tissue Remodeling Toward Insulin Resistance. <i>Diabetes</i> , 2016, 65, 3649-3659.	0.3	81
47	Reaginic antibody formation in the mouse. <i>Cellular Immunology</i> , 1975, 20, 276-289.	1.4	79
48	Both Stat5a and Stat5b are required for antigen-induced eosinophil and T-cell recruitment into the tissue. <i>Blood</i> , 2000, 95, 1370-1377.	0.6	79
49	Interleukin-5 regulates genes involved in B-cell terminal maturation. <i>Immunology</i> , 2006, 118, 060530020504002-???	2.0	79
50	Differential regulation of IgA production by TGF- β 2 and IL-5: TGF- β 2 induces surface IgA-positive cells bearing IL-5 receptor, whereas IL-5 promotes their survival and maturation into IgA-secreting cells. <i>Cellular Immunology</i> , 1992, 140, 158-172.	1.4	77
51	Oct2 enhances antibody-secreting cell differentiation through regulation of IL-5 receptor $\hat{\alpha}$ chain expression on activated B cells. <i>Journal of Experimental Medicine</i> , 2008, 205, 409-421.	4.2	75
52	Isoliquiritigenin Attenuates Adipose Tissue Inflammation in vitro and Adipose Tissue Fibrosis through Inhibition of Innate Immune Responses in Mice. <i>Scientific Reports</i> , 2016, 6, 23097.	1.6	75
53	Intramuscular Injection of Expression Plasmid DNA Is an Effective Means of Long-Term Systemic Delivery of Interleukin-5. <i>Biochemical and Biophysical Research Communications</i> , 1997, 233, 527-531.	1.0	74
54	A subset of cerebrovascular pericytes originates from mature macrophages in the very early phase of vascular development in CNS. <i>Scientific Reports</i> , 2017, 7, 3855.	1.6	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. <i>Biochemical and Biophysical Research Communications</i> , 1990, 173, 1102-1108.	1.0	72
56	Establishment of IL-5-Dependent Early B Cell Lines by Long-Term Bone Marrow Cultures. <i>Growth Factors</i> , 1989, 1, 135-146.	0.5	70
57	Critical proline residues of the cytoplasmic domain of the IL-5 receptor $\hat{\alpha}$ chain and its function in IL-5-mediated activation of JAK kinase and STAT5. <i>International Immunology</i> , 1996, 8, 237-245.	1.8	70
58	In vitro anti-tumor activity of eosinophils from cancer patients treated with subcutaneous administration of interleukin 2. Role of interleukin 5. <i>International Journal of Cancer</i> , 1993, 54, 8-15.	2.3	68
59	Deficiency of Nicotinamide Mononucleotide Adenylyltransferase 3 (Nmnat3) Causes Hemolytic Anemia by Altering the Glycolytic Flow in Mature Erythrocytes. <i>Journal of Biological Chemistry</i> , 2014, 289, 14796-14811.	1.6	68
60	Allergic diseases: From bench to clinic - Contribution of the discovery of interleukin-5. <i>Cytokine</i> , 2017, 98, 59-70.	1.4	68
61	Characterization of the human IL-5 receptors on eosinophils. <i>Cellular Immunology</i> , 1991, 133, 484-497.	1.4	65
62	Activation and Regulation of the Pattern Recognition Receptors in Obesity-Induced Adipose Tissue Inflammation and Insulin Resistance. <i>Nutrients</i> , 2013, 5, 3757-3778.	1.7	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. <i>Journal of Immunology</i> , 2005, 175, 7170-7178.	0.4	64
64	In vivo administration of antibody to murine IL-5 receptor inhibits eosinophilia of IL-5 transgenic mice. <i>International Immunology</i> , 1991, 3, 135-139.	1.8	63
65	SH2-B Is Required for Both Male and Female Reproduction. <i>Molecular and Cellular Biology</i> , 2002, 22, 3066-3077.	1.1	61
66	Cytokines Involved in B-Cell Differentiation and Their Sites of Action. <i>Experimental Biology and Medicine</i> , 1997, 215, 121-133.	1.1	59
67	Characterization of the murine interleukin 5 receptor by using a monoclonal antibody. <i>International Immunology</i> , 1990, 2, 181-187.	1.8	58
68	Structural basis of interleukin-5 dimer recognition by its $\hat{\alpha}$ receptor. <i>Protein Science</i> , 2012, 21, 850-864.	3.1	57
69	IL-5 and Its Receptor: Which Role Do They Play in the Immune Response?. <i>International Archives of Allergy and Immunology</i> , 1994, 104, 1-9.	0.9	56
70	Defective IL-5-receptor-mediated signaling in B cells of X-linked immunodeficient mice. <i>International Immunology</i> , 1995, 7, 21-30.	1.8	55
71	Protective Roles of Eosinophils in <i>Nippostrongylus brasiliensis</i> Infection. <i>International Archives of Allergy and Immunology</i> , 1997, 114, 45-50.	0.9	53
72	Conversion of Normal Ly-1-Positive B-Lineage Cells into Ly-1-Positive Macrophages in Long-Term Bone Marrow Cultures. <i>Autoimmunity</i> , 1990, 1, 113-125.	0.6	52

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73	Sophoricoside Analogs as the IL-5 Inhibitors from <i>Sophora japonica</i> . <i>Planta Medica</i> , 1999, 65, 408-412.	0.7	52
74	Selective suppression of t-cell activity in tumor-bearing mice and its improvement by lentinan, a potent anti-tumor polysaccharide. <i>International Journal of Cancer</i> , 1976, 18, 93-104.	2.3	51
75	Distinct Mechanisms of β 1 Integrin Activation by Ha-Ras and R-Ras. <i>Journal of Biological Chemistry</i> , 2000, 275, 22590-22596.	1.6	51
76	Eplerenone prevented obesity-induced inflammasome activation and glucose intolerance. <i>Journal of Endocrinology</i> , 2017, 235, 179-191.	1.2	51
77	Antibody against interleukin-5 prevents antigen-induced eosinophil infiltration and bronchial hyperreactivity in the guinea pig airways. <i>Immunology Letters</i> , 1995, 45, 109-116.	1.1	49
78	Eosinophilia and intracranial worm recovery in interleukin-5 transgenic and interleukin-5 receptor β chain-knockout mice infected with <i>Angiostrongylus cantonensis</i> . <i>Parasitology Research</i> , 1997, 83, 583-590.	0.6	49
79	Purification and Characterization of Recombinant Human Interleukin 5 Expressed in Chinese Hamster Ovary Cells. <i>Journal of Biochemistry</i> , 1989, 106, 23-28.	0.9	48
80	Impaired Lymphopoiesis and Altered B Cell Subpopulations in Mice Overexpressing Lnk Adaptor Protein. <i>Journal of Immunology</i> , 2003, 170, 703-710.	0.4	47
81	Establishment of humanized anti-interleukin-5 receptor alpha chain monoclonal antibodies having a potent neutralizing activity. <i>Human Antibodies</i> , 2009, 18, 17-27.	0.6	46
82	Protective immunity afforded by attenuated, PhoP-deficient <i>Mycobacterium tuberculosis</i> is associated with sustained generation of CD4 ⁺ T _H 1 cell memory. <i>European Journal of Immunology</i> , 2012, 42, 385-392.	1.6	46
83	Bidirectional crosstalk between neutrophils and adipocytes promotes adipose tissue inflammation. <i>FASEB Journal</i> , 2019, 33, 11821-11835.	0.2	46
84	Interleukin 5 activity in sera from patients with eosinophilia. <i>British Journal of Haematology</i> , 1990, 75, 458-462.	1.2	44
85	T-Cell-Dependent Accumulation of Eosinophils in the Lung and Its Inhibition by Monoclonal Anti-Interleukin-5. <i>International Archives of Allergy and Immunology</i> , 1991, 94, 171-173.	0.9	44
86	The Radioprotective 105/MD-1 Complex Contributes to Diet-Induced Obesity and Adipose Tissue Inflammation. <i>Diabetes</i> , 2012, 61, 1199-1209.	0.3	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. <i>Immunology Letters</i> , 1987, 15, 205-215.	1.1	41
88	The relevance of murine animal models to study the development of allergic bronchial asthma. <i>Immunology and Cell Biology</i> , 1996, 74, 209-217.	1.0	41
89	Defective degranulation and calcium mobilization of bone-marrow derived mast cells from <i>Xid</i> and <i>Btk</i> -deficient mice. <i>Immunology Letters</i> , 1998, 64, 109-118.	1.1	41
90	Enhanced engraftment of hematopoietic stem/progenitor cells by the transient inhibition of an adaptor protein, Lnk. <i>Blood</i> , 2006, 107, 2968-2975.	0.6	41

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91	Role of Interleukin-5 in Local Accumulation of Eosinophils in Mouse Allergic Peritonitis. <i>International Archives of Allergy and Immunology</i> , 1991, 96, 41-45.	0.9	40
92	Regulatory effect of anti-interleukin-5 monoclonal antibody on intestinal worm burden in a primary infection with <i>Strongyloides venezuelensis</i> in mic. <i>International Journal for Parasitology</i> , 1994, 24, 951-957.	1.3	40
93	NF-kappaB is required for CD38-mediated induction of Cgamma1 germline transcripts in murine B lymphocytes. <i>International Immunology</i> , 2002, 14, 1055-1064.	1.8	40
94	Growth and maturation of megakaryocytes is regulated by Lnk/Sh2b3 adaptor protein through crosstalk between cytokine- and integrin-mediated signals. <i>Experimental Hematology</i> , 2008, 36, 897-906.	0.2	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. <i>Journal of Leukocyte Biology</i> , 1992, 52, 572-578.	1.5	39
96	Regulation of Hematopoietic Development in the Aorta-Gonad-Mesonephros Region Mediated by Lnk Adaptor Protein. <i>Molecular and Cellular Biology</i> , 2003, 23, 8486-8494.	1.1	38
97	Molecular Cloning of the Mouse APS as a Member of the Lnk Family Adaptor Proteins. <i>Biochemical and Biophysical Research Communications</i> , 2000, 272, 45-54.	1.0	35
98	Differential inhibitory effects of sophoricoside analogs on bioactivity of several cytokines. <i>Life Sciences</i> , 2000, 67, 2855-2863.	2.0	34
99	Essential Role of Stat5 for IL-5-Dependent IgH Switch Recombination in Mouse B Cells. <i>Journal of Immunology</i> , 2001, 167, 5018-5026.	0.4	34
100	Lnk/Sh2b3 Controls the Production and Function of Dendritic Cells and Regulates the Induction of IFN-γ-Producing T Cells. <i>Journal of Immunology</i> , 2014, 193, 1728-1736.	0.4	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. <i>Molecular Immunology</i> , 1990, 27, 911-920.	1.0	33
102	Transgene-mediated hyper-expression of IL-5 inhibits autoimmune disease but increases the risk of B ₂₂₀ cell chronic lymphocytic leukemia in a model of murine lupus. <i>European Journal of Immunology</i> , 2004, 34, 2740-2749.	1.6	33
103	Adhesion Molecules on Eosinophils in Acute Eosinophilic Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1995, 151, 1259-1262.	2.5	32
104	Interferon-γ constrains cytokine production of group 2 innate lymphoid cells. <i>Immunology</i> , 2016, 147, 21-29.	2.0	32
105	Molecular characterization of the β ₂ chain of the murine interleukin 5 receptor. <i>International Immunology</i> , 1991, 3, 665-672.	1.8	31
106	Tetrameric Interaction of the Ectoenzyme CD38 on the Cell Surface Enables Its Catalytic and Raft-Association Activities. <i>Structure</i> , 2012, 20, 1585-1595.	1.6	31
107	Immunogenicity of Peptide-25 of Ag85B in Th1 development: role of IFN-γ. <i>International Immunology</i> , 2003, 15, 1183-1194.	1.8	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. <i>Molecular Immunology</i> , 2009, 46, 1278-1288.	1.0	30

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109	The Murine Interleukin-5 Receptor β -Subunit Gene: Characterization of the Gene Structure and Chromosome Mapping. <i>DNA and Cell Biology</i> , 1994, 13, 283-292.	0.9	29
110	The Activation of the JAK2/STAT5 Pathway Is Commonly Involved in Signaling through the Human IL-5 Receptor. <i>International Archives of Allergy and Immunology</i> , 1997, 114, 24-27.	0.9	29
111	CpG ODN mediated prevention from ovalbumin-induced anaphylaxis in mouse through B cell pathway. <i>International Immunopharmacology</i> , 2008, 8, 351-361.	1.7	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. <i>Immunological Reviews</i> , 1982, 64, 25-55.	2.8	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. <i>Biochemical and Biophysical Research Communications</i> , 2004, 315, 356-362.	1.0	28
114	Bruton's tyrosine kinase is required for signaling the CD79b-mediated pro-B to pre-B cell transition. <i>International Immunology</i> , 2001, 13, 485-493.	1.8	27
115	Intraepithelial infiltration of eosinophils and their contribution to the elimination of adult intestinal nematode, <i>Strongyloides venezuelensis</i> in mice. <i>Parasitology International</i> , 2003, 52, 71-79.	0.6	27
116	Analysis of Trichophyton antigen-induced contact hypersensitivity in mouse. <i>Journal of Dermatological Science</i> , 2012, 66, 144-153.	1.0	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. <i>International Immunology</i> , 2012, 24, 389-400.	1.8	26
118	The TLR family protein RP105/MD-1 complex. <i>Adipocyte</i> , 2013, 2, 61-66.	1.3	26
119	Identification of Amino Acid Residues of the T-Cell Epitope of <i>Mycobacterium tuberculosis</i> β Antigen Critical for V β 11 ⁺ Th1 Cells. <i>Infection and Immunity</i> , 1999, 67, 4312-4319.	1.0	26
120	Interleukin 5 and its receptor. <i>Progress in Growth Factor Research</i> , 1991, 3, 87-102.	1.7	25
121	Requirement of IL-5 for induction of autoimmune hemolytic anemia in anti-red blood cell autoantibody transgenic mice. <i>International Immunology</i> , 1999, 11, 995-1000.	1.8	25
122	Distinctive roles of Fyn and Lyn in IgD- and IgM-mediated signaling. <i>International Immunology</i> , 1999, 11, 1441-1449.	1.8	25
123	IgG1 production by sIgD ⁺ splenic B cells and peritoneal B-1 cells in response to IL-5 and CD38 ligation. <i>International Immunology</i> , 1999, 11, 915-923.	1.8	24
124	The immunogenic peptide for Th1 development. <i>International Immunopharmacology</i> , 2003, 3, 783-800.	1.7	24
125	Localization of the gene encoding the β subunit of human interleukin-5 receptor (IL5RA) to chromosome region 3p24-3p26. <i>Genomics</i> , 1992, 14, 755-758.	1.3	23
126	IL-5 Predominant in Bronchoalveolar Lavage Fluid and Peripheral Blood in a Patient with Acute Eosinophilic Pneumonia.. <i>Internal Medicine</i> , 1995, 34, 65-68.	0.3	23

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127	Evaluation of Airway Hyperreactivity in Interleukin-5 Transgenic Mice. <i>International Archives of Allergy and Immunology</i> , 1995, 108, 28-30.	0.9	23
128	Biochemical and functional characterization of soluble form of IL-5 receptor α (sIL-5R α) Development of ELISA system for detection of sIL-5R α . <i>Journal of Immunological Methods</i> , 1994, 167, 289-298.	0.6	22
129	Impaired Vitamin A-Mediated Mucosal IgA Response in IL-5 Receptor-Knockout Mice. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 546-549.	1.0	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. <i>Molecular and Cellular Biology</i> , 2004, 24, 2243-2250.	1.1	21
131	Bruton's tyrosine kinase (Btk) enhances transcriptional coactivation activity of BAM11, a Btk-associated molecule of a subunit of SWI/SNF complexes. <i>International Immunology</i> , 2004, 16, 747-757.	1.8	21
132	Identification and characterization of a molecule, BAM11, that associates with the pleckstrin homology domain of mouse Btk. <i>International Immunology</i> , 2000, 12, 1397-1408.	1.8	20
133	IL-5-Induced Hypereosinophilia Suppresses the Antigen-Induced Immune Response via a TGF- β -Dependent Mechanism. <i>Journal of Immunology</i> , 2007, 179, 284-294.	0.4	20
134	Nasal Cholera Toxin Elicits IL-5 and IL-5 Receptor α -Chain Expressing B-1a B Cells for Innate Mucosal IgA Antibody Responses. <i>Journal of Immunology</i> , 2007, 178, 6058-6065.	0.4	20
135	Lnk prevents inflammatory CD8 ⁺ T cell proliferation and contributes to intestinal homeostasis. <i>European Journal of Immunology</i> , 2014, 44, 1622-1632.	1.6	20
136	Metabolism and biochemical properties of nicotinamide adenine dinucleotide (NAD) analogs, nicotinamide guanine dinucleotide (NGD) and nicotinamide hypoxanthine dinucleotide (NHD). <i>Scientific Reports</i> , 2019, 9, 13102.	1.6	20
137	Cytokine Receptors on Ly-1 B Cells. <i>Annals of the New York Academy of Sciences</i> , 1992, 651, 241-258.	1.8	19
138	Detection of interleukin-5 messenger RNA and interleukin-5 protein in bronchial biopsies from asthma by nonradioactive in situ hybridization and immunohistochemistry. <i>Journal of Allergy and Clinical Immunology</i> , 1994, 94, 584-593.	1.5	19
139	Interleukin 5 Plays an Essential Role in Elicitation of Contact Sensitivity through Dual Effects on Eosinophils and B-1 Cells. <i>International Archives of Allergy and Immunology</i> , 2006, 140, 8-16.	0.9	19
140	Differential requirements of MyD88 and TRIF pathways in TLR4-mediated immune responses in murine B cells. <i>Immunology Letters</i> , 2015, 163, 22-31.	1.1	19
141	Prolonged activation of IL-5-producing ILC2 causes pulmonary arterial hypertrophy. <i>JCI Insight</i> , 2017, 2, e90721.	2.3	19
142	Augmented induction of CD8 ⁺ cytotoxic T-cell response and antitumour resistance by T helper type 1-inducing peptide. <i>Immunology</i> , 2006, 117, 47-58.	2.0	18
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