

Hirohisa Saito

List of Publications by Year in descending order

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547
papers

23,568
citations

7096

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13771

129
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all docs

577
docs citations

577
times ranked

22658
citing authors

#	ARTICLE	IF	CITATIONS
1	IL-33 is a crucial amplifier of innate rather than acquired immunity. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18581-18586.	7.1	594
2	Rationale and study design of the Japan environment and children's study (JECS). BMC Public Health, 2014, 14, 25.	2.9	574
3	Application of moisturizer to neonates prevents development of atopic dermatitis. Journal of Allergy and Clinical Immunology, 2014, 134, 824-830.e6.	2.9	532
4	Mast cells as sources of cytokines, chemokines, and growth factors. Immunological Reviews, 2018, 282, 121-150.	6.0	492
5	The transcriptional regulators IRF4, BATF and IL-33 orchestrate development and maintenance of adipose tissue-resident regulatory T cells. Nature Immunology, 2015, 16, 276-285.	14.5	442
6	Baseline Profile of Participants in the Japan Environment and Children's Study (JECS). Journal of Epidemiology, 2018, 28, 99-104.	2.4	380
7	IL-33 can promote survival, adhesion and cytokine production in human mast cells. Laboratory Investigation, 2007, 87, 971-978.	3.7	336
8	SOCS-3 regulates onset and maintenance of TH2-mediated allergic responses. Nature Medicine, 2003, 9, 1047-1054.	30.7	329
9	Two-step egg introduction for prevention of egg allergy in high-risk infants with eczema (PETIT): a randomised, double-blind, placebo-controlled trial. Lancet, The, 2017, 389, 276-286.	13.7	321
10	Selective differentiation and proliferation of hematopoietic cells induced by recombinant human interleukins.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 2288-2292.	7.1	320
11	IL-33 induces IL-13 production by mouse mast cells independently of IgE-FcγRI signals. Journal of Leukocyte Biology, 2007, 82, 1481-1490.	3.3	261
12	Antimicrobial Peptides Human β -Defensins and Cathelicidin LL-37 Induce the Secretion of a Pruritogenic Cytokine IL-31 by Human Mast Cells. Journal of Immunology, 2010, 184, 3526-3534.	0.8	256
13	An Interleukin-33-Mast Cell-Interleukin-2 Axis Suppresses Papain-Induced Allergic Inflammation by Promoting Regulatory T Cell Numbers. Immunity, 2015, 43, 175-186.	14.3	240
14	Th17 and Allergy. Allergology International, 2008, 57, 121-134.	3.3	236
15	Selective growth of human mast cells induced by Steel factor, IL-6, and prostaglandin E2 from cord blood mononuclear cells. Journal of Immunology, 1996, 157, 343-50.	0.8	228
16	Intra-articular Injected Synovial Stem Cells Differentiate into Meniscal Cells Directly and Promote Meniscal Regeneration Without Mobilization to Distant Organs in Rat Massive Meniscal Defect. Stem Cells, 2009, 27, 878-887.	3.2	225
17	Oxidative stress-mediated apoptosis of hepatocytes exposed to acute ethanol intoxication. Hepatology, 1997, 25, 368-378.	7.3	215
18	IL-33 Mediates Inflammatory Responses in Human Lung Tissue Cells. Journal of Immunology, 2010, 185, 5743-5750.	0.8	211

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19	Isolation and structure of a cDNA encoding the B1 (CD20) cell-surface antigen of human B lymphocytes.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 208-212.	7.1	201
20	The Interleukin-33-p38 Kinase Axis Confers Memory T Helper 2 Cell Pathogenicity in the Airway. Immunity, 2015, 42, 294-308.	14.3	199
21	Present state of Japanese cedar pollinosis: The national affliction. Journal of Allergy and Clinical Immunology, 2014, 133, 632-639.e5.	2.9	197
22	Induction of apoptosis in human eosinophils by anti-Fas antibody treatment in vitro. Blood, 1995, 86, 1437-1443.	1.4	189
23	Thymic Stromal Lymphopoietin Gene Promoter Polymorphisms Are Associated with Susceptibility to Bronchial Asthma. American Journal of Respiratory Cell and Molecular Biology, 2011, 44, 787-793.	2.9	187
24	Cloning and characterization of a rat H+/peptide cotransporter mediating absorption of beta-lactam antibiotics in the intestine and kidney. Journal of Pharmacology and Experimental Therapeutics, 1995, 275, 1631-7.	2.5	185
25	IL-33 and IL-33 Receptors in Host Defense and Diseases. Allergology International, 2010, 59, 143-160.	3.3	183
26	Cloning and Functional Characterization of a Novel Rat Organic Anion Transporter Mediating Basolateral Uptake of Methotrexate in the Kidney. Journal of Biological Chemistry, 1996, 271, 20719-20725.	3.4	182
27	Interleukin-33 enhances adhesion, CD11b expression and survival in human eosinophils. Laboratory Investigation, 2008, 88, 1245-1253.	3.7	179
28	Effects of T-helper 2-type cytokines, interleukin-3 (IL-3), IL-4, IL-5, and IL-6 on the survival of cultured human mast cells. Blood, 1995, 86, 3705-3714.	1.4	176
29	Thrombospondin 1 Is an Autocrine Negative Regulator of Human Dendritic Cell Activation. Journal of Experimental Medicine, 2003, 198, 1277-1283.	8.5	168
30	Combination of hTERT and bmi-1, E6, or E7 Induces Prolongation of the Life Span of Bone Marrow Stromal Cells from an Elderly Donor without Affecting Their Neurogenic Potential. Molecular and Cellular Biology, 2005, 25, 5183-5195.	2.3	162
31	Consensus communication on early peanut introduction and the prevention of peanut allergy in high-risk infants. Journal of Allergy and Clinical Immunology, 2015, 136, 258-261.	2.9	162
32	Development of human mast cells in vitro.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 10039-10043.	7.1	157
33	Thrombospondin/CD47 Interaction: A Pathway to Generate Regulatory T Cells from Human CD4+CD25 ^{hi} T Cells in Response to Inflammation. Journal of Immunology, 2006, 177, 3534-3541.	0.8	156
34	Antimicrobial peptides human Î²-defensin (hBD)â€³ and hBDâ€² activate mast cells and increase skin vascular permeability. European Journal of Immunology, 2007, 37, 434-444.	2.9	152
35	IL-33â€“Mediated Innate Response and Adaptive Immune Cells Contribute to Maximum Responses of Protease Allergenâ€“Induced Allergic Airway Inflammation. Journal of Immunology, 2013, 190, 4489-4499.	0.8	151
36	TIM-1 and TIM-3 enhancement of Th2 cytokine production by mast cells. Blood, 2007, 110, 2565-2568.	1.4	150

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37	Functional Analysis of the Thymic Stromal Lymphopoietin Variants in Human Bronchial Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2009, 40, 368-374.	2.9	146
38	Identification of specific gene expression profiles in human mast cells mediated by Toll-like receptor 4 and Fc μ RI. <i>Blood</i> , 2003, 102, 2547-2554.	1.4	145
39	T Cell Proliferation by Direct Cross-Talk between OX40 Ligand on Human Mast Cells and OX40 on Human T Cells: Comparison of Gene Expression Profiles between Human Tonsillar and Lung-Cultured Mast Cells. <i>Journal of Immunology</i> , 2004, 173, 5247-5257.	0.8	143
40	Corticosteroid and Cytokines Synergistically Enhance Toll-Like Receptor 2 Expression in Respiratory Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004, 31, 463-469.	2.9	141
41	Caspase-1, Caspase-8, and Calpain Are Dispensable for IL-33 Release by Macrophages. <i>Journal of Immunology</i> , 2009, 183, 7890-7897.	0.8	141
42	Haplotypes of CYP3A4 and their close linkage with CYP3A5 haplotypes in a Japanese population. <i>Human Mutation</i> , 2004, 23, 100-100.	2.5	140
43	Impaired CD4 and CD8 Effector Function and Decreased Memory T Cell Populations in ICOS-Deficient Patients. <i>Journal of Immunology</i> , 2009, 182, 5515-5527.	0.8	139
44	Molecular cloning and tissue distribution of rat peptide transporter PEPT2. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1996, 1280, 173-177.	2.6	135
45	Induction of human regulatory innate lymphoid cells from group 2 innate lymphoid cells by retinoic acid. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2190-2201.e9.	2.9	133
46	Evaluation of the staphylococcal exotoxins and their specific IgE in childhood atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 104, 441-446.	2.9	132
47	Activation of human mast cells through the platelet-activating factor receptor. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 1137-1145.e6.	2.9	129
48	Intradiscal transplantation of synovial mesenchymal stem cells prevents intervertebral disc degeneration through suppression of matrix metalloproteinase-related genes in nucleus pulposus cells in rabbits. <i>Arthritis Research and Therapy</i> , 2010, 12, R206.	3.5	126
49	Establishment and characterization of a new human eosinophilic leukemia cell line. <i>Blood</i> , 1985, 66, 1233-1240.	1.4	125
50	Gene Expression Profiling of the Effect of High-Dose Intravenous Ig in Patients with Kawasaki Disease. <i>Journal of Immunology</i> , 2005, 174, 5837-5845.	0.8	121
51	Fc μ RI-mediated amphiregulin production by human mast cells increases mucin gene expression in epithelial cells. <i>Journal of Allergy and Clinical Immunology</i> , 2005, 115, 272-279.	2.9	120
52	Four distinct subtypes of non-IgE-mediated gastrointestinal food allergies in neonates and infants, distinguished by their initial symptoms. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 127, 685-688.e8.	2.9	117
53	Tissue remodeling induced by hypersecreted epidermal growth factor and amphiregulin in the airway after an acute asthma attack. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 913-920.e7.	2.9	116
54	Preventive effect of bedding encasement with microfine fibers on mite sensitization. <i>Journal of Allergy and Clinical Immunology</i> , 1998, 101, 28-32.	2.9	113

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55	Genome-Wide Association Study Identifies HLA-DP as a Susceptibility Gene for Pediatric Asthma in Asian Populations. <i>PLoS Genetics</i> , 2011, 7, e1002170.	3.5	113
56	Characterization of Mast Cell-Committed Progenitors Present in Human Umbilical Cord Blood. <i>Blood</i> , 1999, 93, 3338-3346.	1.4	112
57	Differential Type I IFN-Inducing Abilities of Wild-Type versus Vaccine Strains of Measles Virus. <i>Journal of Immunology</i> , 2007, 179, 6123-6133.	0.8	112
58	Marked increase in CC chemokine gene expression in both human and mouse mast cell transcriptomes following Fcepsilon receptor I cross-linking: an interspecies comparison. <i>Blood</i> , 2002, 100, 3861-3868.	1.4	106
59	IL-33 Receptor-Expressing Regulatory T Cells Are Highly Activated, Th2 Biased and Suppress CD4 T Cell Proliferation through IL-10 and TGFβ ² Release. <i>PLoS ONE</i> , 2016, 11, e0161507.	2.5	105
60	Genetic polymorphism regulating ORM1-like 3 (Saccharomyces cerevisiae) expression is associated with childhood atopic asthma in a Japanese population. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 769-770.	2.9	103
61	FcεRI-mediated thymic stromal lymphopoietin production by interleukin-4-primed human mast cells. <i>European Respiratory Journal</i> , 2009, 34, 425-435.	6.7	100
62	FUNCTIONAL CHARACTERIZATION OF FOUR NATURALLY OCCURRING VARIANTS OF HUMAN PREGNANE X RECEPTOR (PXR): ONE VARIANT CAUSES DRAMATIC LOSS OF BOTH DNA BINDING ACTIVITY AND THE TRANSACTIVATION OF THE CYP3A4 PROMOTER/ENHANCER REGION. <i>Drug Metabolism and Disposition</i> , 2004, 32, 149-154.	3.3	99
63	Zinc transporter Znt5/Slc30a5 is required for the mast cell-mediated delayed-type allergic reaction but not the immediate-type reaction. <i>Journal of Experimental Medicine</i> , 2009, 206, 1351-1364.	8.5	99
64	Presence of eotaxin in tears of patients with atopic keratoconjunctivitis with severe corneal damage. <i>Journal of Allergy and Clinical Immunology</i> , 1999, 103, 1220-1221.	2.9	96
65	Prevalence and impact of rhinitis in asthma. SACRA, a cross-sectional nation-wide study in Japan. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 1287-1295.	5.7	96
66	The Japan Environment and Children's Study (JECS): A Preliminary Report on Selected Characteristics of Approximately 10 000 Pregnant Women Recruited During the First Year of the Study. <i>Journal of Epidemiology</i> , 2015, 25, 452-458.	2.4	95
67	Epithelial Cell-Derived IL-25, but Not Th17 Cell-Derived IL-17 or IL-17F, Is Crucial for Murine Asthma. <i>Journal of Immunology</i> , 2012, 189, 3641-3652.	0.8	93
68	Functional Polymorphism in the Suppressor of Cytokine Signaling 1 Gene Associated with Adult Asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007, 36, 491-496.	2.9	92
69	Yeast Osmosensors Hkr1 and Msb2 Activate the Hog1 MAPK Cascade by Different Mechanisms. <i>Science Signaling</i> , 2014, 7, ra21.	3.6	92
70	Gene expression screening of human mast cells and eosinophils using high-density oligonucleotide probe arrays: abundant expression of major basic protein in mast cells. <i>Blood</i> , 2001, 98, 1127-1134.	1.4	91
71	Psychosocial Factors and Adherence to Treatment Advice in Childhood Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2001, 117, 852-857.	0.7	91
72	Antigen-specific T-cell responses in patients with non-IgE-mediated gastrointestinal food allergy are predominantly skewed to TH2. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 131, 590-592.e6.	2.9	91

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73	Transepidermal water loss measurement during infancy can predict the subsequent development of atopic dermatitis regardless of filaggrin mutations. <i>Allergology International</i> , 2016, 65, 103-108.	3.3	90
74	Identification of a polyI:C-inducible membrane protein that participates in dendritic cell-mediated natural killer cell activation. <i>Journal of Experimental Medicine</i> , 2010, 207, 2675-2687.	8.5	89
75	IL-33 and Airway Inflammation. <i>Allergy, Asthma and Immunology Research</i> , 2011, 3, 81.	2.9	88
76	Influence of antibiotic use in early childhood on asthma and allergic diseases at age 5. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 119, 54-58.	1.0	88
77	Effects of ADP-ribosylation of GTP-binding protein by pertussis toxin on immunoglobulin E-dependent and -independent histamine release from mast cells and basophils. <i>Journal of Immunology</i> , 1987, 138, 3927-34.	0.8	87
78	Cultured basophils but not cultured mast cells induce human IgE synthesis in B cells after immunologic stimulation. <i>Clinical and Experimental Immunology</i> , 2001, 111, 136-143.	2.6	84
79	Factors Associated with Steroid Phobia in Caregivers of Children with Atopic Dermatitis. <i>Pediatric Dermatology</i> , 2013, 30, 29-35.	0.9	84
80	Alteration and acquisition of Siglecs during in vitro maturation of CD34+ progenitors into human mast cells. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2006, 61, 769-776.	5.7	83
81	Distinct Gene Expression Profiles Characterize Cellular Phenotypes of Follicle-Associated Epithelium and M Cells. <i>DNA Research</i> , 2005, 12, 127-137.	3.4	81
82	IL-33 signaling contributes to the pathogenesis of myeloproliferative neoplasms. <i>Journal of Clinical Investigation</i> , 2015, 125, 2579-2591.	8.2	80
83	Characterization of Cord-Blood-Derived Human Mast Cells Cultured in the Presence of Steel Factor and Interleukin-6. <i>International Archives of Allergy and Immunology</i> , 1995, 107, 63-65.	2.1	78
84	Human mast cells express receptors for IL-3, IL-5 and GM-CSF; a partial map of receptors on human mast cells cultured <i>in vitro</i> . <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2004, 59, 1087-1096.	5.7	77
85	LOCALIZATION OF HUMAN INTERLEUKIN 13 RECEPTOR IN NON-HAEMATOPOIETIC CELLS. <i>Cytokine</i> , 2001, 13, 75-84.	3.2	76
86	Transcellular transport of organic cation across monolayers of kidney epithelial cell line LLC-PK. <i>American Journal of Physiology - Cell Physiology</i> , 1992, 262, C59-C66.	4.6	74
87	Construction of an open-access database that integrates cross-reference information from the transcriptome and proteome of immune cells. <i>Bioinformatics</i> , 2007, 23, 2934-2941.	4.1	74
88	Catestatin, a neuroendocrine antimicrobial peptide, induces human mast cell migration, degranulation and production of cytokines and chemokines. <i>Immunology</i> , 2011, 132, 527-539.	4.4	74
89	Ion channel gene expression in human lung, skin, and cord blood-derived mast cells. <i>Journal of Leukocyte Biology</i> , 2003, 73, 614-620.	3.3	71
90	Interleukin-17 Accelerates Allograft Rejection by Suppressing Regulatory T Cell Expansion. <i>Circulation</i> , 2011, 124, S187-96.	1.6	71

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91	Pepsin-Resistant 16-kD Buckwheat Protein Is Associated with Immediate Hypersensitivity Reaction in Patients with Buckwheat Allergy. <i>International Archives of Allergy and Immunology</i> , 2002, 129, 49-56.	2.1	70
92	A target selection of somatic hypermutations is regulated similarly between T and B cells upon activation-induced cytidine deaminase expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 4506-4511.	7.1	70
93	The effects of anti-asthma drugs on mediator release from cultured human mast cells. <i>Clinical and Experimental Allergy</i> , 1998, 28, 1228-1236.	2.9	69
94	The Unfolded Protein Response Is Activated in Differentiating Epidermal Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2009, 129, 2126-2135.	0.7	69
95	Role of Interleukin-33 in Innate-Type Immune Cells in Allergy. <i>Allergology International</i> , 2013, 62, 13-20.	3.3	68
96	Mast Cell-/Basophil-specific Transcriptional Regulation of Human I-Histidine Decarboxylase Gene by CpG Methylation in the Promoter Region. <i>Journal of Biological Chemistry</i> , 1998, 273, 31607-31614.	3.4	65
97	Culture of human mast cells from peripheral blood progenitors. <i>Nature Protocols</i> , 2006, 1, 2178-2183.	12.0	65
98	Prevalence of Congenital Anomalies in the Japan Environment and Children's Study. <i>Journal of Epidemiology</i> , 2019, 29, 247-256.	2.4	65
99	Identification of Highly Expressed Genes in Peripheral Blood T Cells from Patients with Atopic Dermatitis. <i>International Archives of Allergy and Immunology</i> , 2002, 129, 327-340.	2.1	64
100	Non-IgE-Mediated Gastrointestinal Food Allergies: Distinct Differences in Clinical Phenotype Between Western Countries and Japan. <i>Current Allergy and Asthma Reports</i> , 2012, 12, 297-303.	5.3	64
101	Innate Lymphoid Cells in the Induction of Obesity. <i>Cell Reports</i> , 2019, 28, 202-217.e7.	6.4	64
102	Regulation of chymase production in human mast cell progenitors. <i>Journal of Allergy and Clinical Immunology</i> , 2000, 106, 321-328.	2.9	62
103	Dipeptide transporters in apical and basolateral membranes of the human intestinal cell line Caco-2. <i>American Journal of Physiology - Renal Physiology</i> , 1993, 265, G289-G294.	3.4	60
104	Single nucleotide polymorphisms and haplotype frequencies of CYP3A5 in a Japanese population. <i>Human Mutation</i> , 2003, 21, 653-653.	2.5	60
105	Role of mast cells in airway remodeling. <i>Current Opinion in Immunology</i> , 2007, 19, 687-693.	5.5	60
106	IL-17 Contributes to the Development of Chronic Rejection in a Murine Heart Transplant Model. <i>Journal of Clinical Immunology</i> , 2010, 30, 235-240.	3.8	60
107	Outbreak of immediate-type hydrolyzed wheat protein allergy due to a facial soap in Japan. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 879-881.e7.	2.9	60
108	Selective down-regulation of high-affinity IgE receptor (Fc ϵ RI) β -chain messenger RNA among transcriptome in cord blood-derived versus adult peripheral blood-derived cultured human mast cells. <i>Blood</i> , 2001, 97, 1016-1022.	1.4	60

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109	Differentiating effect of sodium butyrate on human hepatoma cell lines PLC/PRF/5, HCC-M and HCC-T. <i>International Journal of Cancer</i> , 1991, 48, 291-296.	5.1	59
110	Gastrointestinal Food Allergy in Infants. <i>Allergology International</i> , 2013, 62, 297-307.	3.3	59
111	Timing of eczema onset and risk of food allergy at 3 years of age: A hospital-based prospective birth cohort study. <i>Journal of Dermatological Science</i> , 2016, 84, 144-148.	1.9	59
112	Lipopolysaccharide-Binding Protein Critically Regulates Lipopolysaccharide-Induced IFN- γ Signaling Pathway in Human Monocytes. <i>Journal of Immunology</i> , 2004, 172, 6185-6194.	0.8	58
113	“Working” cardiomyocytes exhibiting plateau action potentials from human placenta-derived extraembryonic mesodermal cells. <i>Experimental Cell Research</i> , 2007, 313, 2550-2562.	2.6	58
114	The association between whole blood concentrations of heavy metals in pregnant women and premature births: The Japan Environment and Children’s Study (JECS). <i>Environmental Research</i> , 2018, 166, 562-569.	7.5	58
115	Interferon-alpha/beta receptor-mediated selective induction of a gene cluster by CpG oligodeoxynucleotide 2006. <i>BMC Immunology</i> , 2003, 4, 8.	2.2	56
116	Prostaglandin A2 Acts as a Transactivator for NOR1 (NR4A3) within the Nuclear Receptor Superfamily. <i>Biological and Pharmaceutical Bulletin</i> , 2005, 28, 1603-1607.	1.4	55
117	Extremely Rapid and Intense Induction of Apoptosis in Human Eosinophils by Anti-CD30 Antibody Treatment In Vitro. <i>Journal of Immunology</i> , 2004, 172, 2186-2193.	0.8	54
118	Mesenchymal to embryonic incomplete transition of human cells by chimeric OCT4/3 (POU5F1) with physiological co-activator EWS. <i>Experimental Cell Research</i> , 2009, 315, 2727-2740.	2.6	54
119	Dexamethasone and FK506 Inhibit Expression of Distinct Subsets of Chemokines in Human Mast Cells. <i>Journal of Immunology</i> , 2009, 182, 7233-7243.	0.8	52
120	Nuclear expression of IL-33 in epidermal keratinocytes promotes wound healing in mice. <i>Journal of Dermatological Science</i> , 2017, 85, 106-114.	1.9	52
121	Identification of granulocyte subtype-selective receptors and ion channels by using a high-density oligonucleotide probe array. <i>Journal of Allergy and Clinical Immunology</i> , 2004, 113, 528-535.	2.9	51
122	Circulating Foxp3+CD4+ cell numbers in atopic patients and healthy control subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 960-962.	2.9	50
123	Transplantation of Achilles Tendon Treated With Bone Morphogenetic Protein 7 Promotes Meniscus Regeneration in a Rat Model of Massive Meniscal Defect. <i>Arthritis and Rheumatism</i> , 2013, 65, 2876-2886.	6.7	49
124	IL-33, but Not IL-25, Is Crucial for the Development of House Dust Mite Antigen-Induced Allergic Rhinitis. <i>PLoS ONE</i> , 2013, 8, e78099.	2.5	49
125	Elevated granulocyte colony-stimulating factor levels predict treatment failure in patients with Kawasaki disease. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 1008-1013.e8.	2.9	48
126	Platelets constitutively express IL-33 protein and modulate eosinophilic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1395-1403.e6.	2.9	48

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127	Complications and adverse outcomes in pregnancy and childbirth among women who conceived by assisted reproductive technologies: a nationwide birth cohort study of Japan environment and children's study. <i>BMC Pregnancy and Childbirth</i> , 2019, 19, 77.	2.4	48
128	A case-control study evaluating occult blood screening for colorectal cancer with hemocult test and an immunochemical hemagglutination test.. <i>Oncology Reports</i> , 2000, 7, 815-9.	2.6	48
129	Effects of T-helper 2-type cytokines, interleukin-3 (IL-3), IL-4, IL-5, and IL-6 on the survival of cultured human mast cells. <i>Blood</i> , 1995, 86, 3705-14.	1.4	48
130	FUNCTIONAL CHARACTERIZATION OF THREE NATURALLY OCCURRING SINGLE NUCLEOTIDE POLYMORPHISMS IN THE CES2 GENE ENCODING CARBOXYLESTERASE 2 (HCE-2). <i>Drug Metabolism and Disposition</i> , 2005, 33, 1482-1487.	3.3	47
131	Effects of diesel exhaust particles on primary cultured healthy human conjunctival epithelium. <i>Annals of Allergy, Asthma and Immunology</i> , 2013, 110, 39-43.	1.0	47
132	Enzyme replacement therapy in Japanese Fabry disease patients: The results of a phase 2 bridging study. <i>Journal of Inherited Metabolic Disease</i> , 2005, 28, 575-583.	3.6	46
133	Effect of heat treatment and enzymatic digestion on the B cell epitopes of cow's milk proteins. <i>Clinical and Experimental Allergy</i> , 2009, 39, 918-925.	2.9	46
134	Earlier aggressive treatment to shorten the duration of eczema in infants resulted in fewer food allergies at 2 years of age. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 1721-1724.e6.	3.8	46
135	IL-4 Induces Eotaxin Production in Corneal Keratocytes but Not in Epithelial Cells. <i>International Archives of Allergy and Immunology</i> , 2000, 121, 144-150.	2.1	46
136	Effect of lidocaine on histamine release and Ca ²⁺ mobilization from mast cells and basophils. <i>Acta Anaesthesiologica Scandinavica</i> , 1996, 40, 1138-1144.	1.6	45
137	Interleukin-8 Concentrations in Conjunctival Epithelium Brush Cytology Samples Correlate With Neutrophil, Eosinophil Infiltration, and Corneal Damage. <i>Cornea</i> , 2001, 20, 743-747.	1.7	45
138	Interleukin-33 enhances programmed oncosis of ST2L-positive low-metastatic cells in the tumour microenvironment of lung cancer. <i>Cell Death and Disease</i> , 2016, 7, e2057-e2057.	6.3	45
139	Paracrine IL-33 Stimulation Enhances Lipopolysaccharide-Mediated Macrophage Activation. <i>PLoS ONE</i> , 2011, 6, e18404.	2.5	45
140	Establishment and characterization of a new human eosinophilic leukemia cell line. <i>Blood</i> , 1985, 66, 1233-40.	1.4	45
141	Distinct gene expression profiles and regulation networks of nasal polyps in eosinophilic and non-eosinophilic chronic rhinosinusitis. <i>International Forum of Allergy and Rhinology</i> , 2018, 8, 592-604.	2.8	44
142	Human Sclera Maintains Common Characteristics with Cartilage throughout Evolution. <i>PLoS ONE</i> , 2008, 3, e3709.	2.5	44
143	Combined resection of invaded organs in patients with T4 gastric carcinoma. <i>Gastric Cancer</i> , 2001, 4, 206-211.	5.3	43
144	The establishment of a combined serum-free and serum-supplemented culture method of obtaining functional cord blood-derived human mast cells. <i>Journal of Immunological Methods</i> , 2002, 262, 137-143.	1.4	43

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