

Yoichiro Iwakura

List of Publications by Year in descending order

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661
papers

66,300
citations

492

129
h-index

1222

227
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689
all docs

689
docs citations

689
times ranked

69025
citing authors

#	ARTICLE	IF	CITATIONS
1	Obesity-induced gut microbial metabolite promotes liver cancer through senescence secretome. <i>Nature</i> , 2013, 499, 97-101.	27.8	1,774
2	IL-17 Plays an Important Role in the Development of Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2006, 177, 566-573.	0.8	1,412
3	Th17 functions as an osteoclastogenic helper T cell subset that links T cell activation and bone destruction. <i>Journal of Experimental Medicine</i> , 2006, 203, 2673-2682.	8.5	1,320
4	Suppression of Immune Induction of Collagen-Induced Arthritis in IL-17-Deficient Mice. <i>Journal of Immunology</i> , 2003, 171, 6173-6177.	0.8	1,161
5	Functional Specialization of Interleukin-17 Family Members. <i>Immunity</i> , 2011, 34, 149-162.	14.3	1,088
6	IL-22 mediates mucosal host defense against Gram-negative bacterial pneumonia. <i>Nature Medicine</i> , 2008, 14, 275-281.	30.7	1,040
7	Antigen-Specific T Cell Sensitization Is Impaired in IL-17-Deficient Mice, Causing Suppression of Allergic Cellular and Humoral Responses. <i>Immunity</i> , 2002, 17, 375-387.	14.3	974
8	Essential role of MD-2 in LPS responsiveness and TLR4 distribution. <i>Nature Immunology</i> , 2002, 3, 667-672.	14.5	940
9	IL-1 is required for tumor invasiveness and angiogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 2645-2650.	7.1	890
10	Differential Roles of Interleukin-17A and -17F in Host Defense against Mucoepithelial Bacterial Infection and Allergic Responses. <i>Immunity</i> , 2009, 30, 108-119.	14.3	890
11	The IL-23/IL-17 axis in inflammation. <i>Journal of Clinical Investigation</i> , 2006, 116, 1218-1222.	8.2	847
12	Pivotal role of cerebral interleukin-17-producing Th17 cells in the delayed phase of ischemic brain injury. <i>Nature Medicine</i> , 2009, 15, 946-950.	30.7	754
13	Involvement of tumor necrosis factor-related apoptosis-inducing ligand in surveillance of tumor metastasis by liver natural killer cells. <i>Nature Medicine</i> , 2001, 7, 94-100.	30.7	700
14	A protective function for interleukin 17A in T cell-mediated intestinal inflammation. <i>Nature Immunology</i> , 2009, 10, 603-609.	14.5	692
15	Lack of Interleukin-1 β Decreases the Severity of Atherosclerosis in ApoE-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003, 23, 656-660.	2.4	684
16	Interleukin 17 Promotes Angiotensin II-Induced Hypertension and Vascular Dysfunction. <i>Hypertension</i> , 2010, 55, 500-507.	2.7	662
17	Development of Chronic Inflammatory Arthropathy Resembling Rheumatoid Arthritis in Interleukin 1 Receptor Antagonist-Deficient Mice. <i>Journal of Experimental Medicine</i> , 2000, 191, 313-320.	8.5	654
18	Dectin-2 Recognition of α -Mannans and Induction of Th17 Cell Differentiation Is Essential for Host Defense against <i>Candida albicans</i> . <i>Immunity</i> , 2010, 32, 681-691.	14.3	648

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19	Either a Th17 or a Th1 effector response can drive autoimmunity: conditions of disease induction affect dominant effector category. <i>Journal of Experimental Medicine</i> , 2008, 205, 799-810.	8.5	627
20	Production of Mice Deficient in Genes for Interleukin (IL)-1 β , IL-1 γ , IL-1 β/γ , and IL-1 Receptor Antagonist Shows that IL-1 β Is Crucial in Turpentine-induced Fever Development and Glucocorticoid Secretion. <i>Journal of Experimental Medicine</i> , 1998, 187, 1463-1475.	8.5	579
21	Control of TH17 cells occurs in the small intestine. <i>Nature</i> , 2011, 475, 514-518.	27.8	567
22	Dectin-1 is required for host defense against <i>Pneumocystis carinii</i> but not against <i>Candida albicans</i> . <i>Nature Immunology</i> , 2007, 8, 39-46.	14.5	561
23	Interleukin-17 α -producing innate lymphoid cells and the NLRP3 inflammasome facilitate obesity-associated airway hyperreactivity. <i>Nature Medicine</i> , 2014, 20, 54-61.	30.7	515
24	Interleukin-17 Promotes Autoimmunity by Triggering a Positive-Feedback Loop via Interleukin-6 Induction. <i>Immunity</i> , 2008, 29, 628-636.	14.3	493
25	IL-17-Mediated Regulation of Innate and Acquired Immune Response against Pulmonary <i>Mycobacterium bovis</i> Bacille Calmette-Guèrin Infection. <i>Journal of Immunology</i> , 2007, 178, 3786-3796.	0.8	466
26	IL-17 production from activated T cells is required for the spontaneous development of destructive arthritis in mice deficient in IL-1 receptor antagonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 5986-5990.	7.1	450
27	IL-6 Regulates In Vivo Dendritic Cell Differentiation through STAT3 Activation. <i>Journal of Immunology</i> , 2004, 173, 3844-3854.	0.8	444
28	T cell self-reactivity forms a cytokine milieu for spontaneous development of IL-17+ Th cells that cause autoimmune arthritis. <i>Journal of Experimental Medicine</i> , 2007, 204, 41-47.	8.5	430
29	The roles of IL-17A in inflammatory immune responses and host defense against pathogens. <i>Immunological Reviews</i> , 2008, 226, 57-79.	6.0	415
30	The Muscle Protein Dok-7 Is Essential for Neuromuscular Synaptogenesis. <i>Science</i> , 2006, 312, 1802-1805.	12.6	370
31	IL-23 and Th17 Cells Enhance Th2-Cell-mediated Eosinophilic Airway Inflammation in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 1023-1032.	5.6	369
32	Caspase 1-independent IL-1 β release and inflammation induced by the apoptosis inducer Fas ligand. <i>Nature Medicine</i> , 1998, 4, 1287-1292.	30.7	365
33	Interleukin 18 together with interleukin 12 inhibits IgE production by induction of interferon- γ production from activated B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 3948-3953.	7.1	358
34	Interleukin-23 Restrains Regulatory T Cell Activity to Drive T Cell-Dependent Colitis. <i>Immunity</i> , 2008, 28, 559-570.	14.3	352
35	Loss of DExD/H Box RNA Helicase LGP2 Manifests Disparate Antiviral Responses. <i>Journal of Immunology</i> , 2007, 178, 6444-6455.	0.8	341
36	Essential Role of IL-17A in the Formation of a Mycobacterial Infection-Induced Granuloma in the Lung. <i>Journal of Immunology</i> , 2010, 184, 4414-4422.	0.8	338

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37	IL-17A Produced by $\hat{I}3\hat{I}$ T Cells Plays a Critical Role in Innate Immunity against <i>Listeria monocytogenes</i> Infection in the Liver. <i>Journal of Immunology</i> , 2008, 181, 3456-3463.	0.8	312
38	Lipid-Cytokine-Chemokine Cascade Drives Neutrophil Recruitment in a Murine Model of Inflammatory Arthritis. <i>Immunity</i> , 2010, 33, 266-278.	14.3	301
39	The adaptor protein CARD9 is essential for the activation of myeloid cells through ITAM-associated and Toll-like receptors. <i>Nature Immunology</i> , 2007, 8, 619-629.	14.5	300
40	Regulatory T cells are strong promoters of acute ischemic stroke in mice by inducing dysfunction of the cerebral microvasculature. <i>Blood</i> , 2013, 121, 679-691.	1.4	300
41	Interferon-gamma is causatively involved in experimental inflammatory bowel disease in mice. <i>Clinical and Experimental Immunology</i> , 2006, 146, 330-338.	2.6	299
42	Inflammasome-Mediated Production of IL-1 β Is Required for Neutrophil Recruitment against <i>Staphylococcus aureus</i> In Vivo. <i>Journal of Immunology</i> , 2007, 179, 6933-6942.	0.8	294
43	Dcir deficiency causes development of autoimmune diseases in mice due to excess expansion of dendritic cells. <i>Nature Medicine</i> , 2008, 14, 176-180.	30.7	293
44	The NLRP12 Inflammasome Recognizes <i>Yersinia pestis</i> . <i>Immunity</i> , 2012, 37, 96-107.	14.3	293
45	Ozone exposure in a mouse model induces airway hyperreactivity that requires the presence of natural killer T cells and IL-17. <i>Journal of Experimental Medicine</i> , 2008, 205, 385-393.	8.5	285
46	Fatty acid-induced mitochondrial uncoupling elicits inflammasome-independent IL-1 β and sterile vascular inflammation in atherosclerosis. <i>Nature Immunology</i> , 2013, 14, 1045-1053.	14.5	283
47	Interleukin-17A Is Dispensable for Myocarditis but Essential for the Progression to Dilated Cardiomyopathy. <i>Circulation Research</i> , 2010, 106, 1646-1655.	4.5	280
48	Regional Neural Activation Defines a Gateway for Autoreactive T Cells to Cross the Blood-Brain Barrier. <i>Cell</i> , 2012, 148, 447-457.	28.9	277
49	Functional Recovery after Peripheral Nerve Injury is Dependent on the Pro-Inflammatory Cytokines IL-1 β and TNF: Implications for Neuropathic Pain. <i>Journal of Neuroscience</i> , 2011, 31, 12533-12542.	3.6	276
50	IL-17-producing $\hat{I}3\hat{I}$ T cells enhance bone regeneration. <i>Nature Communications</i> , 2016, 7, 10928.	12.8	271
51	Phenotypic differences between Th1 and Th17 cells and negative regulation of Th1 cell differentiation by IL-17. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1258-1268.	3.3	262
52	Interleukin (IL)-23 mediates <i>Toxoplasma gondii</i> -induced immunopathology in the gut via matrix metalloproteinase-2 and IL-22 but independent of IL-17. <i>Journal of Experimental Medicine</i> , 2009, 206, 3047-3059.	8.5	262
53	Interleukin-1 β -Driven Inflammation Promotes the Development and Invasiveness of Chemical Carcinogen-Induced Tumors. <i>Cancer Research</i> , 2007, 67, 1062-1071.	0.9	258
54	Reciprocal differentiation and tissue-specific pathogenesis of Th1, Th2, and Th17 cells in graft-versus-host disease. <i>Blood</i> , 2009, 114, 3101-3112.	1.4	256

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55	Interleukin-17 Is Required for T Helper 1 Cell Immunity and Host Resistance to the Intracellular Pathogen <i>Francisella tularensis</i> . <i>Immunity</i> , 2009, 31, 799-810.	14.3	255
56	Growth retardation and early death of beta -1,4-galactosyltransferase knockout mice with augmented proliferation and abnormal differentiation of epithelial cells. <i>EMBO Journal</i> , 1997, 16, 1850-1857.	7.8	252
57	Interleukin-17A Contributes to Myocardial Ischemia/Reperfusion Injury by Regulating Cardiomyocyte Apoptosis and Neutrophil Infiltration. <i>Journal of the American College of Cardiology</i> , 2012, 59, 420-429.	2.8	250
58	Interleukin-17A upregulates receptor activator of NF- κ B on osteoclast precursors. <i>Arthritis Research and Therapy</i> , 2010, 12, R29.	3.5	242
59	Requirement for natural killer T (NKT) cells in the induction of allograft tolerance. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 2577-2581.	7.1	241
60	IL-17 contributes to CD4-mediated graft-versus-host disease. <i>Blood</i> , 2009, 113, 945-952.	1.4	239
61	The Essential Involvement of Cross-Talk between IFN- γ and TGF- β in the Skin Wound-Healing Process. <i>Journal of Immunology</i> , 2004, 172, 1848-1855.	0.8	236
62	Mutually exclusive expression of odorant receptor transgenes. <i>Nature Neuroscience</i> , 2000, 3, 687-693.	14.8	226
63	Six1 controls patterning of the mouse otic vesicle. <i>Development (Cambridge)</i> , 2004, 131, 551-562.	2.5	221
64	Association of TAG-1 with Caspr2 is essential for the molecular organization of juxtaparanodal regions of myelinated fibers. <i>Journal of Cell Biology</i> , 2003, 162, 1161-1172.	5.2	218
65	Involvement of IL-17A in the pathogenesis of DSS-induced colitis in mice. <i>Biochemical and Biophysical Research Communications</i> , 2008, 377, 12-16.	2.1	216
66	An Ocular Commensal Protects against Corneal Infection by Driving an Interleukin-17 Response from Mucosal $\gamma\delta$ T Cells. <i>Immunity</i> , 2017, 47, 148-158.e5.	14.3	216
67	Inhibition of Dectin-1 Signaling Ameliorates Colitis by Inducing Lactobacillus-Mediated Regulatory T Cell Expansion in the Intestine. <i>Cell Host and Microbe</i> , 2015, 18, 183-197.	11.0	215
68	Host defense against oral microbiota by bone-damaging T cells. <i>Nature Communications</i> , 2018, 9, 701.	12.8	215
69	Perivascular leukocyte clusters are essential for efficient activation of effector T cells in the skin. <i>Nature Immunology</i> , 2014, 15, 1064-1069.	14.5	211
70	Cutting Edge: Critical Role for Mesothelial Cells in Necrosis-Induced Inflammation through the Recognition of IL-1 β Released from Dying Cells. <i>Journal of Immunology</i> , 2008, 181, 8194-8198.	0.8	210
71	C-type Lectin MCL Is an Fc γ R3-Coupled Receptor that Mediates the Adjuvanticity of Mycobacterial Cord Factor. <i>Immunity</i> , 2013, 38, 1050-1062.	14.3	209
72	A pivotal involvement of IFN- α in the pathogenesis of acetaminophen-induced acute liver injury. <i>FASEB Journal</i> , 2002, 16, 1227-1236.	0.5	206

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73	Role of Gamma Interferon in <i>Helicobacter pylori</i> -Induced Gastric Inflammatory Responses in a Mouse Model. <i>Infection and Immunity</i> , 1999, 67, 279-285.	2.2	206
74	Protective Role of Interleukin-1 in Mycobacterial Infection in IL-1 β /IL-1 β Double-Knockout Mice. <i>Laboratory Investigation</i> , 2000, 80, 759-767.	3.7	204
75	Dynamic Functional Relay between Insulin Receptor Substrate 1 and 2 in Hepatic Insulin Signaling during Fasting and Feeding. <i>Cell Metabolism</i> , 2008, 8, 49-64.	16.2	204
76	IL-17 Promotes Progression of Cutaneous Leishmaniasis in Susceptible Mice. <i>Journal of Immunology</i> , 2009, 182, 3039-3046.	0.8	204
77	Tumor-infiltrating IL-17-producing T cells support the progression of tumor by promoting angiogenesis. <i>European Journal of Immunology</i> , 2010, 40, 1927-1937.	2.9	200
78	Protection Against Influenza Virus Infection in Polymeric Ig Receptor Knockout Mice Immunized Intranasally with Adjuvant-Combined Vaccines. <i>Journal of Immunology</i> , 2002, 168, 2930-2938.	0.8	196
79	Toll-like receptor 3 signaling converts tumor-supporting myeloid cells to tumoricidal effectors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 2066-2071.	7.1	195
80	IL-1 Plays an Important Role in Lipid Metabolism by Regulating Insulin Levels under Physiological Conditions. <i>Journal of Experimental Medicine</i> , 2003, 198, 877-888.	8.5	194
81	Neutrophil-derived IL-1 β Is Sufficient for Abscess Formation in Immunity against <i>Staphylococcus aureus</i> in Mice. <i>PLoS Pathogens</i> , 2012, 8, e1003047.	4.7	194
82	Differential pathways regulating innate and adaptive antitumor immune responses by particulate and soluble yeast-derived β -glucans. <i>Blood</i> , 2011, 117, 6825-6836.	1.4	192
83	The role of Syk/CARD9 coupled C-type lectins in antifungal immunity. <i>European Journal of Immunology</i> , 2011, 41, 276-281.	2.9	187
84	Positive feedback between NF- κ B and TNF- α promotes leukemia-initiating cell capacity. <i>Journal of Clinical Investigation</i> , 2014, 124, 528-542.	8.2	184
85	Pituitary adenylate cyclase-activating polypeptide (PACAP) decreases ischemic neuronal cell death in association with IL-6. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7488-7493.	7.1	182
86	Role of Interleukin 17 in Inflammation, Atherosclerosis, and Vascular Function in Apolipoprotein E-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 1565-1572.	2.4	182
87	Thermoneutral housing exacerbates nonalcoholic fatty liver disease in mice and allows for sex-independent disease modeling. <i>Nature Medicine</i> , 2017, 23, 829-838.	30.7	178
88	Expression of ROR γ t Marks a Pathogenic Regulatory T Cell Subset in Human Colon Cancer. <i>Science Translational Medicine</i> , 2012, 4, 164ra159.	12.4	177
89	MAIT cells protect against pulmonary <i>Legionella longbeachae</i> infection. <i>Nature Communications</i> , 2018, 9, 3350.	12.8	177
90	Virus Binding to a Plasma Membrane Receptor Triggers Interleukin-1 β -Mediated Proinflammatory Macrophage Response In Vivo. <i>Immunity</i> , 2009, 31, 110-121.	14.3	176

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91	Critical contribution of IFN- γ and NK cells, but not perforin-mediated cytotoxicity, to anti-metastatic effect of α -galactosylceramide. <i>European Journal of Immunology</i> , 2001, 31, 1720-1727.	2.9	171
92	Critical Roles of Muscle-Secreted Angiogenic Factors in Therapeutic Neovascularization. <i>Circulation Research</i> , 2006, 98, 1194-1202.	4.5	170
93	Dectin-1 and Dectin-2 in innate immunity against fungi. <i>International Immunology</i> , 2011, 23, 467-472.	4.0	170
94	Alteration of behavioural phenotype in mice by targeted disruption of the progranulin gene. <i>Behavioural Brain Research</i> , 2007, 185, 110-118.	2.2	169
95	Mast cells contribute to initiation of autoantibody-mediated arthritis via IL-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 2325-2330.	7.1	168
96	Biosynthesis of RNA polymerase in <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1974, 133, 1-23.	2.4	166
97	IL-1 plays an important role in the bone metabolism under physiological conditions. <i>International Immunology</i> , 2010, 22, 805-816.	4.0	166
98	Requirement for MD-1 in cell surface expression of RP105/CD180 and B-cell responsiveness to lipopolysaccharide. <i>Blood</i> , 2002, 99, 1699-1705.	1.4	165
99	Memory/effector (CD45RB ^{lo}) CD4 T cells are controlled directly by IL-10 and cause IL-22-dependent intestinal pathology. <i>Journal of Experimental Medicine</i> , 2011, 208, 1027-1040.	8.5	164
100	CARD9+ microglia promote antifungal immunity via IL-1 β - and CXCL1-mediated neutrophil recruitment. <i>Nature Immunology</i> , 2019, 20, 559-570.	14.5	162
101	Antiangiogenic and Antitumor Activities of IL-27. <i>Journal of Immunology</i> , 2006, 176, 7317-7324.	0.8	161
102	Priming of Macrophages with Lipopolysaccharide Potentiates P2X7-mediated Cell Death via a Caspase-1-dependent Mechanism, Independently of Cytokine Production. <i>Journal of Biological Chemistry</i> , 2002, 277, 3210-3218.	3.4	159
103	Inflammasome Activation by Adenylate Cyclase Toxin Directs Th17 Responses and Protection against <i>Bordetella pertussis</i> . <i>Journal of Immunology</i> , 2010, 185, 1711-1719.	0.8	158
104	Signaling of vascular endothelial growth factor receptor-1 tyrosine kinase promotes rheumatoid arthritis through activation of monocytes/macrophages. <i>Blood</i> , 2006, 108, 1849-1856.	1.4	157
105	Recognition of tumor cells by Dectin-1 orchestrates innate immune cells for anti-tumor responses. <i>ELife</i> , 2014, 3, e04177.	6.0	156
106	NLRP3 inflammasome is required in murine asthma in the absence of aluminum adjuvant. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2011, 66, 1047-1057.	5.7	155
107	RNA packaging signal of human immunodeficiency virus type 1. <i>Virology</i> , 1992, 188, 590-599.	2.4	153
108	IL-1 β Breaks Tolerance through Expansion of CD25+ Effector T Cells. <i>Journal of Immunology</i> , 2006, 176, 7278-7287.	0.8	153

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109	Alterations in the Microbiota Drive Interleukin-17C Production from Intestinal Epithelial Cells to Promote Tumorigenesis. <i>Immunity</i> , 2014, 40, 140-152.	14.3	153
110	Interleukin-17A Deficiency Accelerates Unstable Atherosclerotic Plaque Formation in Apolipoprotein E-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 273-280.	2.4	152
111	Low Concentration of Interleukin-1 β Induces FLICE-Inhibitory Protein-Mediated β -Cell Proliferation in Human Pancreatic Islets. <i>Diabetes</i> , 2006, 55, 2713-2722.	0.6	151
112	Bidirectional Signaling through EphrinA2-EphA2 Enhances Osteoclastogenesis and Suppresses Osteoblastogenesis. <i>Journal of Biological Chemistry</i> , 2009, 284, 14637-14644.	3.4	151
113	Endogenous Interleukin (IL)-1 α and IL-1 β Are Crucial for Host Defense against Disseminated Candidiasis. <i>Journal of Infectious Diseases</i> , 2006, 193, 1419-1426.	4.0	150
114	IL-17 Is Necessary for Host Protection against Acute-Phase <i>Trypanosoma cruzi</i> Infection. <i>Journal of Immunology</i> , 2010, 185, 1150-1157.	0.8	150
115	Th17 Cells Promote Autoimmune Anti-Myeloperoxidase Glomerulonephritis. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 925-931.	6.1	150
116	Dectin-1 Contributes to Myocardial Ischemia/Reperfusion Injury by Regulating Macrophage Polarization and Neutrophil Infiltration. <i>Circulation</i> , 2019, 139, 663-678.	1.6	150
117	Lack of Interleukin-1 Receptor Antagonist Modulates Plaque Composition in Apolipoprotein E-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004, 24, 1068-1073.	2.4	149
118	RIP1-driven autoinflammation targets IL-1 β independently of inflammasomes and RIP3. <i>Nature</i> , 2013, 498, 224-227.	27.8	149
119	IL-6-dependent spontaneous proliferation is required for the induction of colitogenic IL-17-producing CD8 $^+$ T cells. <i>Journal of Experimental Medicine</i> , 2008, 205, 1019-1027.	8.5	148
120	Distinct Roles of IL-23 and IL-17 in the Development of Psoriasis-Like Lesions in a Mouse Model. <i>Journal of Immunology</i> , 2011, 186, 4481-4489.	0.8	148
121	IL-1 Receptor Accessory Protein-Like 1 Associated with Mental Retardation and Autism Mediates Synapse Formation by <i>Trans</i> -Synaptic Interaction with Protein Tyrosine Phosphatase λ . <i>Journal of Neuroscience</i> , 2011, 31, 13485-13499.	3.6	148
122	Interleukin-17A Regulates Renal Sodium Transporters and Renal Injury in Angiotensin II-Induced Hypertension. <i>Hypertension</i> , 2016, 68, 167-174.	2.7	147
123	Dectin-1 diversifies <i>Aspergillus fumigatus</i> -specific T cell responses by inhibiting T helper type 1 CD4 T cell differentiation. <i>Journal of Experimental Medicine</i> , 2011, 208, 369-381.	8.5	146
124	Mice Deficient in Nervous System-specific Carbohydrate Epitope HNK-1 Exhibit Impaired Synaptic Plasticity and Spatial Learning. <i>Journal of Biological Chemistry</i> , 2002, 277, 27227-27231.	3.4	141
125	Cardiac fibroblasts mediate IL-17A-driven inflammatory dilated cardiomyopathy. <i>Journal of Experimental Medicine</i> , 2014, 211, 1449-1464.	8.5	141
126	Phenotypic Analysis of Meltrin β (ADAM12)-Deficient Mice: Involvement of Meltrin β in Adipogenesis and Myogenesis. <i>Molecular and Cellular Biology</i> , 2003, 23, 55-61.	2.3	140

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127	Melanocortin 2 receptor is required for adrenal gland development, steroidogenesis, and neonatal gluconeogenesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 18205-18210.	7.1	140
128	Stem cell mobilization with G-CSF induces type 17 differentiation and promotes scleroderma. <i>Blood</i> , 2010, 116, 819-828.	1.4	139
129	NR2B tyrosine phosphorylation modulates fear learning as well as amygdaloid synaptic plasticity. <i>EMBO Journal</i> , 2006, 25, 2867-2877.	7.8	138
130	Interleukin-1 β , but not interleukin-1 α , is required for T cell-dependent antibody production. <i>Immunology</i> , 2001, 104, 402-409.	4.4	137
131	IL-17A as an Inducer for Th2 Immune Responses in Murine Atopic Dermatitis Models. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2122-2130.	0.7	137
132	Type I IFN Signaling Constrains IL-17A/F Secretion by $\gamma\delta$ T Cells during Bacterial Infections. <i>Journal of Immunology</i> , 2010, 184, 3755-3767.	0.8	134
133	Suppression of IL-17F, but not of IL-17A, provides protection against colitis by inducing Treg cells through modification of the intestinal microbiota. <i>Nature Immunology</i> , 2018, 19, 755-765.	14.5	134
134	Notch-Hes1 pathway is required for the development of IL-17-producing $\gamma\delta$ T cells. <i>Blood</i> , 2011, 118, 586-593.	1.4	129
135	Abnormal T cell activation caused by the imbalance of the IL-1/IL-1R antagonist system is responsible for the development of experimental autoimmune encephalomyelitis. <i>International Immunology</i> , 2006, 18, 399-407.	4.0	128
136	IL-1 α /IL-1R1 Expression in Chronic Obstructive Pulmonary Disease and Mechanistic Relevance to Smoke-Induced Neutrophilia in Mice. <i>PLoS ONE</i> , 2011, 6, e28457.	2.5	128
137	Six4, a Putative myogenin Gene Regulator, Is Not Essential for Mouse Embryonal Development. <i>Molecular and Cellular Biology</i> , 2001, 21, 3343-3350.	2.3	127
138	T cell-intrinsic ASC critically promotes TH17-mediated experimental autoimmune encephalomyelitis. <i>Nature Immunology</i> , 2016, 17, 583-592.	14.5	127
139	IL-1 is required for allergen-specific Th2 cell activation and the development of airway hypersensitivity response. <i>International Immunology</i> , 2003, 15, 483-490.	4.0	126
140	Induction of IgG2a Class Switching in B Cells by IL-27. <i>Journal of Immunology</i> , 2004, 173, 2479-2485.	0.8	125
141	Secretory IgA antibodies provide cross-protection against infection with different strains of influenza B virus. <i>Journal of Medical Virology</i> , 2004, 74, 328-335.	5.0	125
142	IL-9 Promotes Th17 Cell Migration into the Central Nervous System via CC Chemokine Ligand-20 Produced by Astrocytes. <i>Journal of Immunology</i> , 2011, 186, 4415-4421.	0.8	124
143	IL-18 Contributes to Host Resistance Against Infection with <i>Cryptococcus neoformans</i> in Mice with Defective IL-12 Synthesis Through Induction of IFN- γ Production by NK Cells. <i>Journal of Immunology</i> , 2000, 165, 941-947.	0.8	122
144	Purinergic (P2X7) Receptor Activation of Microglia Induces Cell Death via an Interleukin-1-Independent Mechanism. <i>Molecular and Cellular Neurosciences</i> , 2002, 19, 272-280.	2.2	122

#	ARTICLE	IF	CITATIONS
145	Mice deficient in the Rab5 guanine nucleotide exchange factor ALS2/alsin exhibit age-dependent neurological deficits and altered endosome trafficking. <i>Human Molecular Genetics</i> , 2006, 15, 233-250.	2.9	121
146	Neutrophils orchestrate their own recruitment in murine arthritis through C5aR and Fc γ R signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E3177-85.	7.1	120
147	Mammalian Motoneuron Axon Targeting Requires Receptor Protein Tyrosine Phosphatases \hat{A} and \hat{A} . <i>Journal of Neuroscience</i> , 2006, 26, 5872-5880.	3.6	118
148	Potential roles of interleukin-17A in the development of skin fibrosis in mice. <i>Arthritis and Rheumatism</i> , 2012, 64, 3726-3735.	6.7	118
149	MFGE8 inhibits inflammasome-induced IL-1 β production and limits postischemic cerebral injury. <i>Journal of Clinical Investigation</i> , 2013, 123, 1176-1181.	8.2	118
150	IL-23 suppresses innate immune response independently of IL-17A during carcinogenesis and metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 8328-8333.	7.1	116
151	Interleukin-1 Receptor Accessory Protein Organizes Neuronal Synaptogenesis as a Cell Adhesion Molecule. <i>Journal of Neuroscience</i> , 2012, 32, 2588-2600.	3.6	116
152	Nonagonistic Dectin-1 ligand transforms CpG into a multitask nanoparticulate TLR9 agonist. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3086-3091.	7.1	116
153	Ex vivo whole-embryo culture of caspase-8-deficient embryos normalize their aberrant phenotypes in the developing neural tube and heart. <i>Cell Death and Differentiation</i> , 2002, 9, 1196-1206.	11.2	113
154	IL-17A is produced by Th17, \hat{A} T cells and other CD4 $^{+}$ lymphocytes during infection with <i>Salmonella enterica</i> serovar Enteritidis and has a mild effect in bacterial clearance. <i>International Immunology</i> , 2008, 20, 1129-1138.	4.0	113
155	Tracing Conidial Fate and Measuring Host Cell Antifungal Activity Using a Reporter of Microbial Viability in the Lung. <i>Cell Reports</i> , 2012, 2, 1762-1773.	6.4	113
156	TNF- \hat{A} from inflammatory dendritic cells (DCs) regulates lung IL-17A/IL-5 levels and neutrophilia versus eosinophilia during persistent fungal infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5360-5365.	7.1	112
157	Inflammasome-independent IL-1 β mediates autoinflammatory disease in <i>Pstpip2</i> -deficient mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1072-1077.	7.1	112
158	NLRP3 Regulates Neutrophil Functions and Contributes to Hepatic Ischemia-Induced Reperfusion Injury Independently of Inflammasomes. <i>Journal of Immunology</i> , 2014, 192, 4342-4351.	0.8	111
159	Protective Immunity to Systemic Infection with Attenuated <i>Salmonella enterica</i> serovar Enteritidis in the Absence of IL-12 Is Associated with IL-23-Dependent IL-22, but Not IL-17. <i>Journal of Immunology</i> , 2008, 181, 7891-7901.	0.8	110
160	Periprosthetic osteolysis: Characterizing the innate immune response to titanium wear particles. <i>Journal of Orthopaedic Research</i> , 2010, 28, 1418-1424.	2.3	110
161	Inhaled Fine Particles Induce Alveolar Macrophage Death and Interleukin-1 β Release to Promote Inducible Bronchus-Associated Lymphoid Tissue Formation. <i>Immunity</i> , 2016, 45, 1299-1310.	14.3	110
162	TNF- \hat{A} is crucial for the development of autoimmune arthritis in IL-1 receptor antagonist-deficient mice. <i>Journal of Clinical Investigation</i> , 2004, 114, 1603-1611.	8.2	110

#	ARTICLE	IF	CITATIONS
163	IL-28 Elicits Antitumor Responses against Murine Fibrosarcoma. <i>Journal of Immunology</i> , 2007, 178, 5086-5098.	0.8	109
164	The antihyperalgesic activity of a selective P2X7 receptor antagonist, A-839977, is lost in IL-1 β knockout mice. <i>Behavioural Brain Research</i> , 2009, 204, 77-81.	2.2	108
165	Vaspin Is an Adipokine Ameliorating ER Stress in Obesity as a Ligand for Cell-Surface GRP78/MJ-1 Complex. <i>Diabetes</i> , 2012, 61, 2823-2832.	0.6	108
166	Interleukin-1 β gene-deficient mice show reduced nociceptive sensitivity in models of inflammatory and neuropathic pain but not post-operative pain. <i>Behavioural Brain Research</i> , 2006, 167, 355-364.	2.2	107
167	Rapid Host Defense against <i>Aspergillus fumigatus</i> Involves Alveolar Macrophages with a Predominance of Alternatively Activated Phenotype. <i>PLoS ONE</i> , 2011, 6, e15943.	2.5	107
168	Critical role for inflammasome-independent IL-1 β production in osteomyelitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1066-1071.	7.1	107
169	IL-1 Enhances T Cell-Dependent Antibody Production Through Induction of CD40 Ligand and OX40 on T Cells. <i>Journal of Immunology</i> , 2001, 167, 90-97.	0.8	106
170	Differential roles for IFN- γ and IL-17 in experimental autoimmune uveoretinitis. <i>International Immunology</i> , 2008, 20, 209-214.	4.0	104
171	Deoxynucleic Acids from <i>Cryptococcus neoformans</i> Activate Myeloid Dendritic Cells via a TLR9-Dependent Pathway. <i>Journal of Immunology</i> , 2008, 180, 4067-4074.	0.8	103
172	Natural Killer T Cell-derived IL-17 Mediates Lung Ischemia-Reperfusion Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1539-1549.	5.6	102
173	IL-1 receptor antagonist-deficient mice develop autoimmune arthritis due to intrinsic activation of IL-17-producing CCR2 ⁺ V β 36 ⁺ T cells. <i>Nature Communications</i> , 2015, 6, 7464.	12.8	102
174	Essential roles of Meltrin β (ADAM19) in heart development. <i>Developmental Biology</i> , 2004, 267, 14-28.	2.0	101
175	Interleukin-1 participates in the classical and alternative activation of microglia/macrophages after spinal cord injury. <i>Journal of Neuroinflammation</i> , 2012, 9, 65.	7.2	99
176	Heterogeneity of RNA polymerase in <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 1974, 83, 353-367.	4.2	98
177	Essential Involvement of IFN- γ in <i>Clostridium difficile</i> Toxin A-Induced Enteritis. <i>Journal of Immunology</i> , 2004, 172, 3018-3025.	0.8	98
178	Differential role and tissue specificity of interleukin-1 β gene expression in atherogenesis and lipid metabolism. <i>Atherosclerosis</i> , 2007, 195, 31-38.	0.8	98
179	Development of Proteoglycan-Induced Arthritis Is Independent of IL-17. <i>Journal of Immunology</i> , 2008, 181, 329-337.	0.8	98
180	Toll-Like Receptor 9-Dependent Activation of Myeloid Dendritic Cells by Deoxynucleic Acids from <i>Candida albicans</i> . <i>Infection and Immunity</i> , 2009, 77, 3056-3064.	2.2	98

#	ARTICLE	IF	CITATIONS
181	Identification of the Cellular Sensor That Stimulates the Inflammatory Response to Sterile Cell Death. <i>Journal of Immunology</i> , 2010, 184, 4470-4478.	0.8	98
182	BAFF inhibition attenuates fibrosis in scleroderma by modulating the regulatory and effector B cell balance. <i>Science Advances</i> , 2018, 4, eaas9944.	10.3	98
183	Deficiency of Interleukin-1 Receptor Antagonist Promotes Neointimal Formation After Injury. <i>Circulation</i> , 2003, 108, 516-518.	1.6	97
184	Synthetic retinoid Am80 ameliorates chronic graft-versus-host disease by down-regulating Th1 and Th17. <i>Blood</i> , 2012, 119, 285-295.	1.4	97
185	Dectin-1 Is Not Required for the Host Defense to <i>Cryptococcus neoformans</i> . <i>Microbiology and Immunology</i> , 2007, 51, 1115-1119.	1.4	96
186	Negative feedback regulation of lipopolysaccharide-induced inducible nitric oxide synthase gene expression by heme oxygenase-1 induction in macrophages. <i>Molecular Immunology</i> , 2008, 45, 2106-2115.	2.2	96
187	Lung CD4 ⁺ CD8 ⁻ Double-Negative T Cells Are Prominent Producers of IL-17A and IFN- γ during Primary Respiratory Murine Infection with <i>Francisella tularensis</i> Live Vaccine Strain. <i>Journal of Immunology</i> , 2010, 184, 5791-5801.	0.8	96
188	Excess IL-1 Signaling Enhances the Development of Th17 Cells by Downregulating TGF- β -Induced Foxp3 Expression. <i>Journal of Immunology</i> , 2014, 192, 1449-1458.	0.8	96
189	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.	8.5	95
190	<i>Escherichia coli</i> Heat-Labile Enterotoxin Promotes Protective Th17 Responses against Infection by Driving Innate IL-1 and IL-23 Production. <i>Journal of Immunology</i> , 2011, 186, 5896-5906.	0.8	94
191	Interleukin-1-dependent sequential chemokine expression and inflammatory cell infiltration in ischemia-reperfusion injury. <i>Critical Care Medicine</i> , 2006, 34, 2447-2455.	0.9	93
192	1 α ,25-Dihydroxyvitamin D3 and all-trans retinoic acid synergistically inhibit the differentiation and expansion of Th17 cells. <i>Immunology Letters</i> , 2010, 134, 7-16.	2.5	93
193	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
194	Involvement of Fas/Fas ligand system-mediated apoptosis in the development of concanavalin A-induced hepatitis. <i>European Journal of Immunology</i> , 1998, 28, 4105-4113.	2.9	92
195	Role of Dok-1 and Dok-2 in Myeloid Homeostasis and Suppression of Leukemia. <i>Journal of Experimental Medicine</i> , 2004, 200, 1681-1687.	8.5	92
196	Neuronal IL-17 receptor upregulates TRPV4 but not TRPV1 receptors in DRG neurons and mediates mechanical but not thermal hyperalgesia. <i>Molecular and Cellular Neurosciences</i> , 2013, 52, 152-160.	2.2	92
197	Interleukin-17A Promotes Aortic Endothelial Cell Activation via Transcriptionally and Post-translationally Activating p38 Mitogen-activated Protein Kinase (MAPK) Pathway. <i>Journal of Biological Chemistry</i> , 2016, 291, 4939-4954.	3.4	92
198	Genomic Structure of the Mouse 2',5'-Oligoadenylate Synthetase Gene Family. <i>Journal of Interferon and Cytokine Research</i> , 2002, 22, 981-993.	1.2	91

#	ARTICLE	IF	CITATIONS
199	Lipopolysaccharide promotes and augments metal allergies in mice, dependent on innate immunity and histidine decarboxylase. <i>Clinical and Experimental Allergy</i> , 2007, 37, 743-751.	2.9	90
200	IL1 Receptor Antagonist Inhibits Pancreatic Cancer Growth by Abrogating NF- κ B Activation. <i>Clinical Cancer Research</i> , 2016, 22, 1432-1444.	7.0	90
201	Dok-1 and Dok-2 are negative regulators of lipopolysaccharide-induced signaling. <i>Journal of Experimental Medicine</i> , 2005, 201, 333-339.	8.5	89
202	Mast cells mediate malignant pleural effusion formation. <i>Journal of Clinical Investigation</i> , 2015, 125, 2317-2334.	8.2	89
203	Potentiality of Interleukin-18 as a Useful Reagent for Treatment and Prevention of <i>Leishmania major</i> Infection. <i>Infection and Immunity</i> , 2000, 68, 2449-2456.	2.2	88
204	Kid-Mediated Chromosome Compaction Ensures Proper Nuclear Envelope Formation. <i>Cell</i> , 2008, 132, 771-782.	28.9	88
205	Roles of IL-1 in the development of rheumatoid arthritis: consideration from mouse models. <i>Cytokine and Growth Factor Reviews</i> , 2002, 13, 341-355.	7.2	87
206	Interleukin-18 Promotes Joint Inflammation and Induces Interleukin-1-Driven Cartilage Destruction. <i>American Journal of Pathology</i> , 2004, 165, 959-967.	3.8	87
207	Relative contribution of IL-1 β , IL-1 γ and TNF to the host response to <i>Mycobacterium tuberculosis</i> and attenuated <i>M. bovis BCG</i> . <i>Immunity, Inflammation and Disease</i> , 2013, 1, 47-62.	2.7	87
208	Interdependence between Interleukin-1 and Tumor Necrosis Factor Regulates TNF-Dependent Control of <i>Mycobacterium tuberculosis</i> Infection. <i>Immunity</i> , 2015, 43, 1125-1136.	14.3	87
209	Impaired selectin-ligand biosynthesis and reduced inflammatory responses in β -1,4-galactosyltransferase-deficient mice. <i>Blood</i> , 2003, 102, 1678-1685.	1.4	86
210	Involvement of NMDAR2A tyrosine phosphorylation in depression-related behaviour. <i>EMBO Journal</i> , 2009, 28, 3717-3729.	7.8	86
211	Systemic Administration of IL-23 Induces Potent Antitumor Immunity Primarily Mediated through Th1-Type Response in Association with the Endogenously Expressed IL-12. <i>Journal of Immunology</i> , 2007, 178, 7571-7580.	0.8	85
212	Dok-7 Activates the Muscle Receptor Kinase MuSK and Shapes Synapse Formation. <i>Science Signaling</i> , 2009, 2, ra7.	3.6	84
213	Regulation of Inflammation by IL-17A and IL-17F Modulates Non-Alcoholic Fatty Liver Disease Pathogenesis. <i>PLoS ONE</i> , 2016, 11, e0149783.	2.5	84
214	Overexpression of the Runx3 Transcription Factor Increases the Proportion of Mature Thymocytes of the CD8 Single-Positive Lineage. <i>Journal of Immunology</i> , 2005, 174, 2627-2636.	0.8	83
215	Role of interferon- γ in γ 14+ natural killer T cell-mediated host defense against <i>Streptococcus pneumoniae</i> infection in murine lungs. <i>Microbes and Infection</i> , 2007, 9, 364-374.	1.9	83
216	T Helper Type 17 Immune Response Plays an Indispensable Role for Development of Iodine-Induced Autoimmune Thyroiditis in Nonobese Diabetic-H2h4 Mice. <i>Endocrinology</i> , 2009, 150, 5135-5142.	2.8	83

#	ARTICLE	IF	CITATIONS
217	Therapeutic effects of interleukin-6 blockade in a murine model of polymyositis that does not require interleukin-17A. <i>Arthritis and Rheumatism</i> , 2009, 60, 2505-2512.	6.7	83
218	Monoallelic expression of the odourant receptor gene and axonal projection of olfactory sensory neurones. <i>Genes To Cells</i> , 2001, 6, 71-78.	1.2	82
219	Combined Interleukin-6 and Interleukin-1 Deficiency Causes Obesity in Young Mice. <i>Diabetes</i> , 2006, 55, 971-977.	0.6	82
220	An ITAM-Syk-CARD9 signalling axis triggers contact hypersensitivity by stimulating IL-1 production in dendritic cells. <i>Nature Communications</i> , 2014, 5, 3755.	12.8	82
221	Desmoglein 3-specific CD4+ T cells induce pemphigus vulgaris and interface dermatitis in mice. <i>Journal of Clinical Investigation</i> , 2011, 121, 3677-3688.	8.2	82
222	IL-1 β , but not IL-1 α , is required for contact-allergen-specific T cell activation during the sensitization phase in contact hypersensitivity. <i>International Immunology</i> , 2001, 13, 1471-1478.	4.0	81
223	IL-17A is essential to the development of elastase-induced pulmonary inflammation and emphysema in mice. <i>Respiratory Research</i> , 2013, 14, 5.	3.6	81
224	Interleukin-17-producing Th17 cells in inflammatory diseases. <i>Immunology</i> , 2018, 155, 418-426.	4.4	81
225	IL-36 β Exerts Pro-Inflammatory Effects in the Lungs of Mice. <i>PLoS ONE</i> , 2012, 7, e45784.	2.5	80
226	The mycobacterial phosphatase PtpA regulates the expression of host genes and promotes cell proliferation. <i>Nature Communications</i> , 2017, 8, 244.	12.8	80
227	Deficiency of Interleukin-1 Receptor Antagonist Deteriorates Fatty Liver and Cholesterol Metabolism in Hypercholesterolemic Mice. <i>Journal of Biological Chemistry</i> , 2005, 280, 7002-7009.	3.4	79
228	Macrophage-derived IL-1 β promotes sterile inflammation in a mouse model of acetaminophen hepatotoxicity. <i>Cellular and Molecular Immunology</i> , 2018, 15, 973-982.	10.5	79
229	Suppression of autoimmune arthritis in interleukin-1-deficient mice in which T cell activation is impaired due to low levels of CD40 ligand and OX40 expression on T cells. <i>Arthritis and Rheumatism</i> , 2002, 46, 533-544.	6.7	78
230	IL-17 is Involved in <i>Helicobacter pylori</i> -Induced Gastric Inflammatory Responses in a Mouse Model. <i>Helicobacter</i> , 2008, 13, 518-524.	3.5	78
231	Pulmonary Inflammation Triggered by Ricin Toxin Requires Macrophages and IL-1 Signaling. <i>Journal of Immunology</i> , 2009, 183, 1419-1426.	0.8	78
232	TLR-stimulated IRAK4 activates caspase-8 inflammasome in microglia and promotes neuroinflammation. <i>Journal of Clinical Investigation</i> , 2018, 128, 5399-5412.	8.2	78
233	Contribution of IL-1 to resistance to <i>Streptococcus pneumoniae</i> infection. <i>International Immunology</i> , 2008, 20, 1139-1146.	4.0	76
234	Protective Role of Naturally Occurring Interleukin-17A-Producing Th17 T Cells in the Lung at the Early Stage of Systemic Candidiasis in Mice. <i>Infection and Immunity</i> , 2011, 79, 4503-4510.	2.2	76

#	ARTICLE	IF	CITATIONS
235	Increase in Hepatic NKT Cells in Leukocyte Cell-Derived Chemotaxin 2-Deficient Mice Contributes to Severe Concanavalin A-Induced Hepatitis. <i>Journal of Immunology</i> , 2004, 173, 579-585.	0.8	75
236	Nociceptors Boost the Resolution of Fungal Osteoinflammation via the TRP Channel-CGRP-Jdp2 Axis. <i>Cell Reports</i> , 2017, 19, 2730-2742.	6.4	75
237	Roles of CD4 ⁺ T Cells and Gamma Interferon in Protective Immunity against <i>Babesia microti</i> Infection in Mice. <i>Infection and Immunity</i> , 1999, 67, 4143-4148.	2.2	75
238	Interleukin-4 and Interleukin-10 Are Involved in Host Resistance to <i>Staphylococcus aureus</i> Infection through Regulation of Gamma Interferon. <i>Infection and Immunity</i> , 2000, 68, 2424-2430.	2.2	74
239	The innate immune receptor Dectin-2 mediates the phagocytosis of cancer cells by Kupffer cells for the suppression of liver metastasis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 14097-14102.	7.1	74
240	Blocking of IL-6 signaling pathway prevents CD4 ⁺ T cell-mediated colitis in a Th17-independent manner. <i>International Immunology</i> , 2007, 19, 1431-1440.	4.0	73
241	RNA polymerase mutants of <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1973, 121, 181-196.	2.4	72
242	Six1 and Six4 promote survival of sensory neurons during early trigeminal gangliogenesis. <i>Brain Research</i> , 2006, 1116, 93-102.	2.2	72
243	IL-1 β , but not IL-1 α , is required for antigen-specific T cell activation and the induction of local inflammation in the delayed-type hypersensitivity responses. <i>International Immunology</i> , 2006, 18, 701-712.	4.0	72
244	Visceral Adipose Tissue-derived Serine Proteinase Inhibitor Inhibits Apoptosis of Endothelial Cells as a Ligand for the Cell-Surface GRP78/Voltage-dependent Anion Channel Complex. <i>Circulation Research</i> , 2013, 112, 771-780.	4.5	72
245	Interleukin-17 Accelerates Allograft Rejection by Suppressing Regulatory T Cell Expansion. <i>Circulation</i> , 2011, 124, S187-96.	1.6	71
246	In vivo imaging visualizes discoid platelet aggregations without endothelium disruption and implicates contribution of inflammatory cytokine and integrin signaling. <i>Blood</i> , 2012, 119, e45-e56.	1.4	71
247	Caspase-2 deficiency prevents programmed germ cell death resulting from cytokine insufficiency but not meiotic defects caused by loss of ataxia telangiectasia-mutated (Atm) gene function. <i>Cell Death and Differentiation</i> , 2001, 8, 614-620.	11.2	70
248	Impaired motor coordination in mice lacking neural recognition molecule NB α of the contactin/F3 subgroup. <i>Journal of Neurobiology</i> , 2003, 56, 252-265.	3.6	69
249	CXC Chemokine Ligand 12 Promotes CCR7-Dependent Naive T Cell Trafficking to Lymph Nodes and Peyer's Patches. <i>Journal of Immunology</i> , 2009, 182, 1287-1295.	0.8	69
250	IFN- β Regulates the Requirement for IL-17 in Proteoglycan-Induced Arthritis. <i>Journal of Immunology</i> , 2010, 184, 1552-1559.	0.8	69
251	Role of Interleukin-17A in Cell-Mediated Protection against <i>Staphylococcus aureus</i> Infection in Mice Immunized with the Fibrinogen-Binding Domain of Clumping Factor A. <i>Infection and Immunity</i> , 2010, 78, 4234-4242.	2.2	69
252	Identification and functional characterization of paxillin as a target of protein tyrosine phosphatase receptor T. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2592-2597.	7.1	69

#	ARTICLE	IF	CITATIONS
253	Double deficiency in IL-17 and IFN- γ signalling significantly suppresses the development of diabetes in the NOD mouse. <i>Diabetologia</i> , 2013, 56, 1773-1780.	6.3	69
254	Hypoxia enhances innate immune activation to <i>Aspergillus fumigatus</i> through cell wall modulation. <i>Microbes and Infection</i> , 2013, 15, 259-269.	1.9	69
255	Dectin-2 Promotes House Dust Mite-Induced T Helper Type 2 and Type 17 Cell Differentiation and Allergic Airway Inflammation in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 201-209.	2.9	68
256	HER2 Overexpression Triggers an IL-1 β Proinflammatory Circuit to Drive Tumorigenesis and Promote Chemotherapy Resistance. <i>Cancer Research</i> , 2018, 78, 2040-2051.	0.9	68
257	Uncoupling the Senescence-Associated Secretory Phenotype from Cell Cycle Exit via Interleukin-1 Inactivation Unveils Its Protumorigenic Role. <i>Molecular and Cellular Biology</i> , 2019, 39, .	2.3	68
258	Apoptotic Cells Activate NKT Cells through T Cell Ig-Like Mucin-Like-1 Resulting in Airway Hyperreactivity. <i>Journal of Immunology</i> , 2010, 185, 5225-5235.	0.8	67
259	Dectin-1 Plays an Important Role in House Dust Mite-Induced Allergic Airway Inflammation through the Activation of CD11b+ Dendritic Cells. <i>Journal of Immunology</i> , 2017, 198, 61-70.	0.8	67
260	Protective Roles of Mast Cells and Mast Cell-Derived TNF in Murine Malaria. <i>Journal of Immunology</i> , 2006, 177, 3294-3302.	0.8	66
261	Deficiency of Interleukin-1 Receptor Antagonist Induces Aortic Valve Disease in BALB/c Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2010, 30, 708-715.	2.4	66
262	NYAP: a phosphoprotein family that links PI3K to WAVE1 signalling in neurons. <i>EMBO Journal</i> , 2011, 30, 4739-4754.	7.8	66
263	Dectin-2 Deficiency Modulates Th1 Differentiation and Improves Wound Healing After Myocardial Infarction. <i>Circulation Research</i> , 2017, 120, 1116-1129.	4.5	66
264	Resistance to Fas-mediated Apoptosis of Peripheral T Cells in Human T Lymphocyte Virus Type I (HTLV-I) Transgenic Mice with Autoimmune Arthropathy. <i>Journal of Experimental Medicine</i> , 1997, 186, 57-64.	8.5	65
265	Indispensable Role for TNF- α and IFN- γ at the Effector Phase of Liver Injury Mediated by Th1 Cells Specific to Hepatitis B Virus Surface Antigen. <i>Journal of Immunology</i> , 2000, 165, 956-961.	0.8	65
266	Protective role of IL-1 β against postarthroplasty <i>Staphylococcus aureus</i> infection. <i>Journal of Orthopaedic Research</i> , 2011, 29, 1621-1626.	2.3	65
267	Interleukin-1 β induced by <i>Helicobacter pylori</i> infection enhances mouse gastric carcinogenesis. <i>Cancer Letters</i> , 2013, 340, 141-147.	7.2	65
268	A Critical Role of Fc Receptor-Mediated Antibody-Dependent Phagocytosis in the Host Resistance to Blood-Stage <i>Plasmodium berghei</i> XAT Infection. <i>Journal of Immunology</i> , 2001, 166, 6236-6241.	0.8	64
269	Tyrosine Kinase 2 Plays Critical Roles in the Pathogenic CD4 T Cell Responses for the Development of Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2009, 183, 7539-7546.	0.8	64
270	Dectin-2 Deficiency Promotes Th2 Response and Mucin Production in the Lungs after Pulmonary Infection with <i>Cryptococcus neoformans</i> . <i>Infection and Immunity</i> , 2015, 83, 671-681.	2.2	64

#	ARTICLE	IF	CITATIONS
271	TAG-1-Deficient Mice Have Marked Elevation of Adenosine A1 Receptors in the Hippocampus. <i>Biochemical and Biophysical Research Communications</i> , 2001, 281, 220-226.	2.1	63
272	Noninvasive In Vivo Imaging to Evaluate Immune Responses and Antimicrobial Therapy against <i>Staphylococcus aureus</i> and USA300 MRSA Skin Infections. <i>Journal of Investigative Dermatology</i> , 2011, 131, 907-915.	0.7	63
273	Neutrophils Are Essential As A Source Of IL-17 In The Effector Phase Of Arthritis. <i>PLoS ONE</i> , 2013, 8, e62231.	2.5	63
274	Reduced postischemic apoptosis in the hippocampus of mice deficient in interleukin-1. <i>Journal of Comparative Neurology</i> , 2002, 448, 203-216.	1.6	62
275	Intestinal inflammation downregulates smooth muscle CPI-17 through induction of TNF- α and causes motility disorders. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 292, G1429-G1438.	3.4	62
276	A new murine model to define the critical pathologic and therapeutic mediators of polymyositis. <i>Arthritis and Rheumatism</i> , 2007, 56, 1304-1314.	6.7	62
277	IL-1-induced tumor necrosis factor-alpha elicits inflammatory cell infiltration in the skin by inducing IFN-gamma-inducible protein 10 in the elicitation phase of the contact hypersensitivity response. <i>International Immunology</i> , 2003, 15, 251-260.	4.0	61
278	Significant Antitumor Effects Obtained by Autologous Tumor Cell Vaccine Engineered to Secrete Interleukin (IL)-12 and IL-18 by Means of the EBV/Lipoplex. <i>Molecular Therapy</i> , 2002, 5, 609-616.	8.2	60
279	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
280	Defect of CARD9 Leads to Impaired Accumulation of Gamma Interferon-Producing Memory Phenotype T Cells in Lungs and Increased Susceptibility to Pulmonary Infection with <i>Cryptococcus neoformans</i> . <i>Infection and Immunity</i> , 2014, 82, 1606-1615.	2.2	60
281	Role of T Cell TGF- β Signaling and IL-17 in Allograft Acceptance and Fibrosis Associated with Chronic Rejection. <i>Journal of Immunology</i> , 2009, 183, 7297-7306.	0.8	59
282	Critical Role of Regulatory T Cells in Th17-Mediated Minor Antigen-Disparate Rejection. <i>Journal of Immunology</i> , 2010, 185, 3417-3425.	0.8	59
283	IL-6 Amplifier, NF- κ B-Triggered Positive Feedback for IL-6 Signaling, in Grafts Is Involved in Allogeneic Rejection Responses. <i>Journal of Immunology</i> , 2012, 189, 1928-1936.	0.8	59
284	Contribution of Mast Cell-Derived Interleukin-1 β to Uric Acid Crystal-Induced Acute Arthritis in Mice. <i>Arthritis and Rheumatology</i> , 2014, 66, 2881-2891.	5.6	59
285	Diminution of the AML1 Transcription Factor Function Causes Differential Effects on the Fates of CD4 and CD8 Single-Positive T Cells. <i>Journal of Immunology</i> , 2000, 165, 6816-6824.	0.8	58
286	CTRP3 plays an important role in the development of collagen-induced arthritis in mice. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 42-48.	2.1	58
287	CTRP6 is an endogenous complement regulator that can effectively treat induced arthritis. <i>Nature Communications</i> , 2015, 6, 8483.	12.8	58
288	IL-17A promotes neutrophilic inflammation and disturbs acute wound healing in skin. <i>Experimental Dermatology</i> , 2017, 26, 137-144.	2.9	58

#	ARTICLE	IF	CITATIONS
289	Role of IFN- β and Tumor Necrosis Factor- α in Herpes Simplex Virus Type 1 Infection. <i>Journal of Interferon and Cytokine Research</i> , 2002, 22, 671-676.	1.2	57
290	Mincle Activation and the Syk/Card9 Signaling Axis Are Central to the Development of Autoimmune Disease of the Eye. <i>Journal of Immunology</i> , 2016, 196, 3148-3158.	0.8	57
291	Genetic deletion of IL-17A reduces cigarette smoke-induced inflammation and alveolar type II cell apoptosis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014, 306, L132-L143.	2.9	56
292	IL-1 Receptor Type 2 Suppresses Collagen-Induced Arthritis by Inhibiting IL-1 Signal on Macrophages. <i>Journal of Immunology</i> , 2015, 194, 3156-3168.	0.8	56
293	Neural tube defects and impaired neural progenitor cell proliferation in <i>Gli2</i> -deficient mice. <i>Developmental Dynamics</i> , 2010, 239, 1089-1101.	1.8	55
294	Fungal Allergen β -Glucans Trigger p38 Mitogen-Activated Protein Kinase-Mediated IL-6 Translation in Lung Epithelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 1133-1141.	2.9	55
295	Suppressive role of leukocyte cell-derived chemotaxin 2 in mouse anti-type II collagen antibody-induced arthritis. <i>Arthritis and Rheumatism</i> , 2008, 58, 413-421.	6.7	54
296	CXC chemokine receptor 4 expressed in T cells plays an important role in the development of collagen-induced arthritis. <i>Arthritis Research and Therapy</i> , 2010, 12, R188.	3.5	54
297	Obesity accelerates hair thinning by stem cell-centric converging mechanisms. <i>Nature</i> , 2021, 595, 266-271.	27.8	54
298	Involvement of IL-17 in Fas ligand-induced inflammation. <i>International Immunology</i> , 2004, 16, 1099-1108.	4.0	53
299	Identification of arthritis-related gene clusters by microarray analysis of two independent mouse models for rheumatoid arthritis. <i>Arthritis Research and Therapy</i> , 2006, 8, R100.	3.5	53
300	NLRP3 Protein Deficiency Exacerbates Hyperoxia-induced Lethality through Stat3 Protein Signaling Independent of Interleukin-1 β . <i>Journal of Biological Chemistry</i> , 2015, 290, 5065-5077.	3.4	53
301	IL-6 Is Required for Defense against Mycobacterial Infection. <i>Microbiology and Immunology</i> , 2000, 44, 971-979.	1.4	52
302	Panax ginseng Induces Production of Proinflammatory Cytokines via Toll-like Receptor. <i>Journal of Interferon and Cytokine Research</i> , 2004, 24, 93-100.	1.2	52
303	Kinetics of Cytokine Production in the Cornea and Trigeminal Ganglion of C57BL/6 Mice after Corneal HSV-1 Infection. <i>Journal of Interferon and Cytokine Research</i> , 1999, 19, 609-615.	1.2	51
304	Inhibition of B16 melanoma experimental metastasis by interferon-gamma through direct inhibition of cell proliferation and activation of antitumour host mechanisms. <i>Immunology</i> , 2002, 105, 92-100.	4.4	51
305	Host T Cells Are the Main Producers of IL-17 within the Central Nervous System during Initiation of Experimental Autoimmune Encephalomyelitis Induced by Adoptive Transfer of Th1 Cell Lines. <i>Journal of Immunology</i> , 2008, 180, 8066-8072.	0.8	51
306	Interleukin-17 deficiency reduced vascular inflammation and development of atherosclerosis in Western diet-induced apoE-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2012, 420, 72-77.	2.1	51

#	ARTICLE	IF	CITATIONS
307	Spontaneous atopic dermatitis in mice with a defective skin barrier is independent of ILC2 and mediated by IL-1 ^β . <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 1920-1933.	5.7	51
308	IL-23 Enhances Host Defense against Vaccinia Virus Infection Via a Mechanism Partly Involving IL-17. <i>Journal of Immunology</i> , 2007, 179, 3917-3925.	0.8	50
309	Knockout mice lacking cPGES/p23, a constitutively expressed PGE2 synthetic enzyme, are peri-natally lethal. <i>Biochemical and Biophysical Research Communications</i> , 2007, 362, 387-392.	2.1	50
310	Dectin-2 Regulates the Effector Phase of House Dust Mite-Induced Pulmonary Inflammation Independently from Its Role in Sensitization. <i>Journal of Immunology</i> , 2014, 192, 1361-1371.	0.8	50
311	Inflammatory polyarthritis in mice transgenic for human t cell leukemia virus type i. <i>Arthritis and Rheumatism</i> , 1993, 36, 1612-1620.	6.7	49
312	Suppression of oxidative neuronal damage after transient middle cerebral artery occlusion in mice lacking interleukin-1. <i>Neuroscience Research</i> , 2003, 45, 313-324.	1.9	49
313	Early increase in mRNA levels of pro-inflammatory cytokines and their interactions in the mouse hippocampus after transient global ischemia. <i>Neuroscience Letters</i> , 2006, 393, 122-126.	2.1	49
314	CCL2 recruitment of IL-6-producing CD11b ⁺ monocytes to the draining lymph nodes during the initiation of Th17-dependent B cell-mediated autoimmunity. <i>European Journal of Immunology</i> , 2008, 38, 1877-1888.	2.9	49
315	IL-17 is involved in bone resorption in mouse periapical lesions. <i>Microbiology and Immunology</i> , 2009, 53, 287-294.	1.4	49
316	HLA-B51 transgenic mice as recipients for production of polymorphic HLA-A, B-specific antibodies. <i>Immunogenetics</i> , 1993, 37, 139-42.	2.4	48
317	Induction of granulomas in interferon- γ gene-disrupted mice by avirulent but not by virulent strains of <i>Mycobacterium tuberculosis</i> . <i>Journal of Medical Microbiology</i> , 1998, 47, 871-877.	1.8	48
318	Role of Tumor Necrosis Factor- α and Interferon- γ in <i>Helicobacter pylori</i> Infection. <i>Microbiology and Immunology</i> , 2004, 48, 647-654.	1.4	48
319	Deficiency of antiproliferative family protein Ana correlates with development of lung adenocarcinoma. <i>Cancer Science</i> , 2009, 100, 225-232.	3.9	48
320	Reduced Susceptibility to Colitis-Associated Colon Carcinogenesis in Mice Lacking Plasma Membrane-Associated Sialidase. <i>PLoS ONE</i> , 2012, 7, e41132.	2.5	48
321	Role of interferon-gamma in inflammatory responses in murine respiratory infection with <i>Legionella pneumophila</i> . <i>Journal of Medical Microbiology</i> , 2002, 51, 225-230.	1.8	48
322	Dectin-2-induced CCL2 production in tissue-resident macrophages ignites cardiac arteritis. <i>Journal of Clinical Investigation</i> , 2019, 129, 3610-3624.	8.2	48
323	IFN- γ Protects Cerulein-Induced Acute Pancreatitis by Repressing NF- κ B Activation. <i>Journal of Immunology</i> , 2007, 178, 7385-7394.	0.8	47
324	Involvement of protein tyrosine phosphatase PTPMEG in motor learning and cerebellar long-term depression. <i>European Journal of Neuroscience</i> , 2007, 26, 2269-2278.	2.6	47

#	ARTICLE	IF	CITATIONS
325	Interleukin-17A Promotes Early but Attenuates Established Disease in Crescentic Glomerulonephritis in Mice. <i>American Journal of Pathology</i> , 2011, 179, 1188-1198.	3.8	47
326	Involvement of EphA2 in the formation of the tail notochord via interaction with ephrinA1. <i>Mechanisms of Development</i> , 2001, 102, 95-105.	1.7	46
327	Interleukin-18 induces expression and release of cytokines from murine glial cells: interactions with interleukin-1 β . <i>Journal of Neurochemistry</i> , 2003, 85, 1412-1420.	3.9	46
328	IFN- γ Regulated <i>Toxoplasma gondii</i> Distribution and Load in the Murine Eye. , 2003, 44, 4375.		46
329	IL-17A promotes macrophage effector mechanisms against <i>Trypanosoma cruzi</i> by trapping parasites in the endolysosomal compartment. <i>Immunobiology</i> , 2013, 218, 910-923.	1.9	46
330	<i>Toxoplasma gondii</i> Hsp70 as a danger signal in <i>Toxoplasma gondii</i> -infected mice. <i>Cell Stress and Chaperones</i> , 2000, 5, 328.	2.9	46
331	Involvement of interleukin-1 in the inflammatory actions of aminobisphosphonates in mice. <i>British Journal of Pharmacology</i> , 2000, 130, 1646-1654.	5.4	45
332	Ovol2/Movo, a homologue of <i>Drosophila ovo</i> , is required for angiogenesis, heart formation and placental development in mice. <i>Genes To Cells</i> , 2007, 12, 070606122915003-???	1.2	45
333	Persistent Release of IL-1s from Skin Is Associated with Systemic Cardio-Vascular Disease, Emaciation and Systemic Amyloidosis: The Potential of Anti-IL-1 Therapy for Systemic Inflammatory Diseases. <i>PLoS ONE</i> , 2014, 9, e104479.	2.5	45
334	Mouse Model for Protein Tyrosine Phosphatase D (PTPRD) Associations with Restless Leg Syndrome or Willis-Ekbom Disease and Addiction: Reduced Expression Alters Locomotion, Sleep Behaviors and Cocaine-Conditioned Place Preference. <i>Molecular Medicine</i> , 2015, 21, 717-725.	4.4	45
335	Bimodal role of endogenous interleukin-6 in concanavalin A-induced hepatitis in mice. <i>Journal of Leukocyte Biology</i> , 2000, 67, 90-96.	3.3	44
336	Knockout of mouse β 1,4-galactosyltransferase-1 gene results in a dramatic shift of outer chain moieties of N-glycans from type 2 to type 1 chains in hepatic membrane and plasma glycoproteins. <i>Biochemical Journal</i> , 2001, 357, 827.	3.7	44
337	Arthritis flares mediated by tissue-resident memory T γ cells in the joint. <i>Cell Reports</i> , 2021, 37, 109902.	6.4	44
338	Biosynthesis of RNA polymerase in <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 1975, 96, 257-271.	4.2	43
339	Knockout of mouse β 1,4-galactosyltransferase-1 gene results in a dramatic shift of outer chain moieties of N-glycans from type 2 to type 1 chains in hepatic membrane and plasma glycoproteins. <i>Biochemical Journal</i> , 2001, 357, 827-834.	3.7	43
340	Interleukin-1 β abrogates long-term depression of hippocampal CA1 synaptic transmission. <i>Synapse</i> , 2003, 47, 54-57.	1.2	43
341	CD30 Ligand Is a Target for a Novel Biological Therapy against Colitis Associated with Th17 Responses. <i>Journal of Immunology</i> , 2010, 185, 7671-7680.	0.8	43
342	Contribution of interleukin 17A to the development and regulation of allergic inflammation in a murine allergic rhinitis model. <i>Annals of Allergy, Asthma and Immunology</i> , 2012, 108, 342-350.	1.0	43

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343	Î±-Mannan induces Th17-mediated pulmonary graft-versus-host disease in mice. <i>Blood</i> , 2015, 125, 3014-3023.	1.4	43
344	The ATP Transporter VNUT Mediates Induction of Dectin-1-Triggered Candida Nociception. <i>IScience</i> , 2018, 6, 306-318.	4.1	43
345	Gasdermin D-mediated release of IL-33 from senescent hepatic stellate cells promotes obesity-associated hepatocellular carcinoma. <i>Science Immunology</i> , 2022, 7, .	11.9	43
346	ROLES OF IFN-Î³ ON STAGE CONVERSION OF AN OBLIGATE INTRACELLULAR PROTOZOAN PARASITE, <i>Toxoplasma Gondii</i> . <i>International Reviews of Immunology</i> , 2002, 21, 405-421.	3.3	42
347	Involvement of Tumor Necrosis Factor-Î± in the Development of T Cell-Dependent Aortitis in Interleukin-1 Receptor Antagonist-Deficient Mice. <i>Circulation</i> , 2005, 112, 1323-1331.	1.6	42
348	Mutual augmentation of the induction of the histamine-forming enzyme, histidine decarboxylase, between alendronate and immuno-stimulants (IL-1, TNF, and LPS), and its prevention by clodronate. <i>Toxicology and Applied Pharmacology</i> , 2006, 213, 64-73.	2.8	42
349	PGD2 deficiency exacerbates food antigen-induced mast cell hyperplasia. <i>Nature Communications</i> , 2015, 6, 7514.	12.8	42
350	Interleukin-4 (IL-4) and IL-13 Suppress Excessive Neutrophil Infiltration and Hepatocyte Damage during Acute Murine Schistosomiasis Japonica. <i>Infection and Immunity</i> , 2012, 80, 159-168.	2.2	41
351	IL-25 enhances TH17 cell-mediated contact dermatitis by promoting IL-1Î² production by dermal dendritic cells. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1500-1509.e10.	2.9	41
352	Interleukin-17 family members in health and disease. <i>International Immunology</i> , 2021, 33, 723-729.	4.0	41
353	Biosynthesis of RNA polymerase in <i>Escherichia coli</i> . <i>Molecular Genetics and Genomics</i> , 1975, 142, 67-84.	2.4	40
354	Primary Role of Interleukin-1Î± and Interleukin-1Î² in Lipopolysaccharide-Induced Hypoglycemia in Mice. <i>Vaccine Journal</i> , 2002, 9, 1307-1312.	3.1	40
355	Intrahepatic Innate Lymphoid Cells Secrete IL-17A and IL-17F That Are Crucial for T Cell Priming in Viral Infection. <i>Journal of Immunology</i> , 2014, 192, 3289-3300.	0.8	40
356	Cigarette Smoke Primes the Pulmonary Environment to IL-1Î±/CXCR-2-Dependent Nontypeable <i>Haemophilus influenzae</i> -Exacerbated Neutrophilia in Mice. <i>Journal of Immunology</i> , 2014, 193, 3134-3145.	0.8	40
357	IL-1Î²-driven osteoclastogenic Tregs accelerate bone erosion in arthritis. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	40
358	The induction of cataracts by HIV-1 in transgenic mice. <i>Aids</i> , 1992, 6, 1069-1076.	2.2	39
359	T Cell Apoptosis Causes Peripheral T Cell Depletion in Mice Transgenic for the HIV-1 vpr Gene. <i>Virology</i> , 2001, 285, 181-192.	2.4	39
360	Effect of 6-Hydroxydopamine on Host Resistance against <i>Listeria monocytogenes</i> Infection. <i>Infection and Immunity</i> , 2001, 69, 7234-7241.	2.2	39

#	ARTICLE	IF	CITATIONS
361	INVOLVEMENT OF INTERLEUKIN-6 AND TUMOR NECROSIS FACTOR $\hat{\pm}$ IN CYP3A11 AND 2C29 DOWN-REGULATION BY BACILLUS CALMETTE-GUÂ%RIN AND LIPOPOLYSACCHARIDE IN MOUSE LIVER. <i>Drug Metabolism and Disposition</i> , 2004, 32, 707-714.	3.3	39
362	Interleukin-1 $\hat{2}$ and macrophage migration inhibitory factor (MIF) in dermal fibroblasts mediate UVA-induced matrix metalloproteinase-1 expression. <i>Journal of Dermatological Science</i> , 2008, 49, 63-72.	1.9	39
363	Elevation of pro-inflammatory cytokine levels following anti-resorptive drug treatment is required for osteonecrosis development in infectious osteomyelitis. <i>Scientific Reports</i> , 2017, 7, 46322.	3.3	39
364	Neutralization of either IL-17A or IL-17F is sufficient to inhibit house dust mite induced allergic asthma in mice. <i>Clinical Science</i> , 2017, 131, 2533-2548.	4.3	39
365	NK Cells Control Tumor-Promoting Function of Neutrophils in Mice. <i>Cancer Immunology Research</i> , 2018, 6, 348-357.	3.4	39
366	Aberrant responses to acoustic stimuli in mice deficient for neural recognition molecule NB-2. <i>European Journal of Neuroscience</i> , 2003, 17, 929-936.	2.6	38
367	A critical role for regulatory T cells in driving cytokine profiles of Th17 cells and their modulation of glioma microenvironment. <i>Cancer Immunology, Immunotherapy</i> , 2011, 60, 1739-1750.	4.2	38
368	Roles of Interleukin-17 in an Experimental <i>Legionella pneumophila</i> Pneumonia Model. <i>Infection and Immunity</i> , 2012, 80, 1121-1127.	2.2	38
369	<i>Agaricus brasiliensis</i> -derived $\hat{2}$ -glucans exert immunoenhancing effects via a dectin-1-dependent pathway. <i>International Immunopharmacology</i> , 2012, 14, 311-319.	3.8	38
370	Antibioticâ€Killed <i>Staphylococcus aureus</i> Induces Destructive Arthritis in Mice. <i>Arthritis and Rheumatology</i> , 2015, 67, 107-116.	5.6	38
371	Brain Interleukin-1 Facilitates Learning of a Water Maze Spatial Memory Task in Young Mice. <i>Frontiers in Behavioral Neuroscience</i> , 2017, 11, 202.	2.0	38
372	IL-18 gene therapy develops Th1-type immune responses in <i>Leishmania major</i> -infected BALB/c mice: is the effect mediated by the CpG signaling TLR9?. <i>Gene Therapy</i> , 2004, 11, 941-948.	4.5	37
373	IFN $\hat{3}$ and TNF $\hat{\pm}$ are involved in urushiolâ€induced contact hypersensitivity in mice. <i>Immunology and Cell Biology</i> , 2005, 83, 18-24.	2.3	37
374	Reproductive Phenotypes in Mice with Targeted Disruption of the 20.ALPHA.-Hydroxysteroid Dehydrogenase Gene. <i>Journal of Reproduction and Development</i> , 2007, 53, 499-508.	1.4	37
375	Adiponectin Enhances Antibacterial Activity of Hematopoietic Cells by Suppressing Bone Marrow Inflammation. <i>Immunity</i> , 2016, 44, 1422-1433.	14.3	37
376	Cutaneous p38 mitogen-activated protein kinase activation triggers psoriatic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 1036-1049.	2.9	37
377	TNF, but Not IL-6 and IL-17, Is Crucial for the Development of T Cell-Independent Psoriasis-Like Dermatitis in <i>Il1rn</i> Mice. <i>Journal of Immunology</i> , 2010, 185, 1887-1893.	0.8	36
378	Regulation of the development of acute hepatitis by IL $\hat{23}$ through IL $\hat{22}$ and IL $\hat{17}$ production. <i>European Journal of Immunology</i> , 2011, 41, 2828-2839.	2.9	36

#	ARTICLE	IF	CITATIONS
379	LC3-Associated Phagocytosis Is Required for Dendritic Cell Inflammatory Cytokine Response to Gut Commensal Yeast <i>Saccharomyces cerevisiae</i> . <i>Frontiers in Immunology</i> , 2017, 8, 1397.	4.8	36
380	IL-17A promotes fatty acid uptake through the IL-17A/IL-17RA/p-STAT3/FABP4 axis to fuel ovarian cancer growth in an adipocyte-rich microenvironment. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 115-126.	4.2	36
381	Protection against pulmonary infection with <i>Klebsiella pneumoniae</i> in mice by interferon- $\hat{1}^3$ through activation of phagocytic cells and stimulation of production of other cytokines. <i>Journal of Medical Microbiology</i> , 2001, 50, 959-964.	1.8	36
382	Involvement of tumor necrosis factor $\hat{1}^{\pm}$, rather than interleukin- $1\hat{1}^{\pm}/\hat{1}^2$ or nitric oxides in the heme oxygenase-1 gene expression by lipopolysaccharide in the mouse liver. <i>FEBS Letters</i> , 2002, 516, 63-66.	2.8	35
383	Histamine production via mast cell-independent induction of histidine decarboxylase in response to lipopolysaccharide and interleukin-1. <i>International Immunopharmacology</i> , 2004, 4, 513-520.	3.8	35
384	A novel DNA vaccine targeting macrophage migration inhibitory factor protects joints from inflammation and destruction in murine models of arthritis. <i>Arthritis and Rheumatism</i> , 2007, 56, 521-530.	6.7	35
385	Effect of interleukin-6 neutralization on CYP3A11 and metallothionein-1/2 expressions in arthritic mouse liver. <i>European Journal of Pharmacology</i> , 2007, 558, 199-207.	3.5	35
386	Multiple CD11c ⁺ Cells Collaboratively Express IL- $1\hat{1}^2$ To Modulate Stromal Vascular Endothelial Growth Factor and Lymph Node Vascular Stromal Growth. <i>Journal of Immunology</i> , 2014, 192, 4153-4163.	0.8	35
387	CD11c ⁺ Dendritic Cells Accelerate the Rejection of Older Cardiac Transplants via Interleukin-17A. <i>Circulation</i> , 2015, 132, 122-131.	1.6	35
388	Bone marrow transplantation alters lung antigen-presenting cells to promote TH17 response and the development of pneumonitis and fibrosis following gammaherpesvirus infection. <i>Mucosal Immunology</i> , 2016, 9, 610-620.	6.0	35
389	Defect of Interferon $\hat{1}^3$ Leads to Impaired Wound Healing through Prolonged Neutrophilic Inflammatory Response and Enhanced MMP-2 Activation. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5657.	4.1	35
390	<i>Toxoplasma gondii</i> : Difference of Invasion into Tissue of Digestive Organs between Susceptible and Resistant Strain and Influence of IFN-g in Mice Inoculated with the Cysts Perorally. <i>Journal of Parasitology</i> , 1999, 85, 973.	0.7	34
391	Cigarette smoke-induced accumulation of lung dendritic cells is interleukin- $1\hat{1}^{\pm}$ -dependent in mice. <i>Respiratory Research</i> , 2012, 13, 81.	3.6	34
392	Ectopic Cerebellar Cell Migration Causes Maldevelopment of Purkinje Cells and Abnormal Motor Behaviour in <i>Cxcr4</i> Null Mice. <i>PLoS ONE</i> , 2014, 9, e86471.	2.5	34
393	Stage-Specific Roles for <i>Cxcr4</i> Signaling in Murine Hematopoietic Stem/Progenitor Cells in the Process of Bone Marrow Repopulation. <i>Stem Cells</i> , 2014, 32, 1929-1942.	3.2	34
394	Targeting IL- $1\hat{1}^2$ and IL-17A Driven Inflammation during Influenza-Induced Exacerbations of Chronic Lung Inflammation. <i>PLoS ONE</i> , 2014, 9, e98440.	2.5	34
395	DCIR Maintains Bone Homeostasis by Regulating IFN- $\hat{1}^3$ Production in T Cells. <i>Journal of Immunology</i> , 2015, 194, 5681-5691.	0.8	34
396	Structural specificities of cell surface $\hat{1}^2$ -glucan polysaccharides determine commensal yeast mediated immuno-modulatory activities. <i>Nature Communications</i> , 2021, 12, 3611.	12.8	34

#	ARTICLE	IF	CITATIONS
397	Compensatory response of IL-1 gene knockout mice after pulmonary infection with <i>Klebsiella pneumoniae</i> . <i>Journal of Medical Microbiology</i> , 2005, 54, 7-13.	1.8	33
398	Combined Deficiency of IL-1 β , but Not IL-1 α , Reduces Susceptibility to Hypoxia-Ischemia in the Immature Brain. <i>Developmental Neuroscience</i> , 2005, 27, 143-148.	2.0	33
399	Cyclosporine A Drives a Th17- and Th2-Mediated Posttransplant Obliterative Airway Disease. <i>American Journal of Transplantation</i> , 2013, 13, 611-620.	4.7	33
400	Presence of Polysialic Acid and HNK-1 Carbohydrate on Brain Glycoproteins from β -1,4-Galactosyltransferase-Knockout Mice. <i>Biochemical and Biophysical Research Communications</i> , 1998, 245, 860-864.	2.1	32
401	Development of experimental cerebral malaria is independent of IL-23 and IL-17. <i>Biochemical and Biophysical Research Communications</i> , 2010, 402, 790-795.	2.1	32
402	IL-23 protection against <i>Plasmodium berghei</i> infection in mice is partially dependent on IL-17 from macrophages. <i>European Journal of Immunology</i> , 2013, 43, 2696-2706.	2.9	32
403	Innate Immune Functions of Astrocytes are Dependent Upon Tumor Necrosis Factor-Alpha. <i>Scientific Reports</i> , 2020, 10, 7047.	3.3	32
404	Megakaryocytes compensate for Kit insufficiency in murine arthritis. <i>Journal of Clinical Investigation</i> , 2017, 127, 1714-1724.	8.2	32
405	Interleukin (IL)-6, But Not IL-1, Induction in the Brain Downstream of Cyclooxygenase-2 Is Essential for the Induction of Febrile Response against Peripheral IL-1 β . <i>Endocrinology</i> , 2004, 145, 5044-5048.	2.8	31
406	Arthritis in mice that are deficient in interleukin-1 receptor antagonist is dependent on genetic background. <i>Arthritis and Rheumatism</i> , 2005, 52, 3731-3738.	6.7	31
407	Induction of Autoimmune Thyroiditis by Depletion of CD4+CD25+ Regulatory T Cells in Thyroiditis-Resistant IL-17, But Not Interferon- γ Receptor, Knockout Nonobese Diabetic-H2h4 Mice. <i>Endocrinology</i> , 2011, 152, 4448-4454.	2.8	31
408	Tumor Necrosis Factor Receptor-associated Factor (TRAF) 2 Controls Homeostasis of the Colon to Prevent Spontaneous Development of Murine Inflammatory Bowel Disease. <i>Journal of Biological Chemistry</i> , 2011, 286, 17879-17888.	3.4	31
409	The Arf GAP SMAP2 is necessary for organized vesicle budding from the trans-Golgi network and subsequent acrosome formation in spermiogenesis. <i>Molecular Biology of the Cell</i> , 2013, 24, 2633-2644.	2.1	31
410	A Crucial Role of ROR γ t in the Development of Spontaneous Sialadenitis-like Sjögren's Syndrome. <i>Journal of Immunology</i> , 2015, 194, 56-67.	0.8	31
411	Two Types of Interleukin 17A-Producing γ T Cells in Protection Against Pulmonary Infection With <i>Klebsiella pneumoniae</i> . <i>Journal of Infectious Diseases</i> , 2016, 214, 1752-1761.	4.0	31
412	Dectin-2 Recognizes Mannosylated O-antigens of Human Opportunistic Pathogens and Augments Lipopolysaccharide Activation of Myeloid Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 17629-17638.	3.4	31
413	Production of low-molecular weight soluble yeast β -glucan by an acid degradation method. <i>International Journal of Biological Macromolecules</i> , 2018, 107, 2269-2278.	7.5	31
414	β -Glucans in food modify colonic microflora by inducing antimicrobial protein, calprotectin, in a Dectin-1-induced-IL-17F-dependent manner. <i>Mucosal Immunology</i> , 2018, 11, 763-773.	6.0	31

#	ARTICLE	IF	CITATIONS
415	Inhibition of interleukin-1 suppresses angiotensin II-induced aortic inflammation and aneurysm formation. <i>International Journal of Cardiology</i> , 2018, 270, 221-227.	1.7	31
416	Immunogenicity of Peptide-25 of Ag85B in Th1 development: role of IFN- γ . <i>International Immunology</i> , 2003, 15, 1183-1194.	4.0	30
417	Nuclear Import of the Preintegration Complex Is Blocked upon Infection by Human Immunodeficiency Virus Type 1 in Mouse Cells. <i>Journal of Virology</i> , 2007, 81, 677-688.	3.4	30
418	Exacerbation of experimental autoimmune encephalomyelitis in mice deficient for DCIR, an inhibitory C-type lectin receptor. <i>Experimental Animals</i> , 2015, 64, 109-119.	1.1	30
419	Effects of tunicamycin on preimplantation mouse embryos: Prevention of molecular differentiation during blastocyst formation. <i>Developmental Biology</i> , 1985, 112, 135-144.	2.0	29
420	Interferon- β production and host protective response against <i>Mycobacterium tuberculosis</i> in mice lacking both IL-12p40 and IL-18. <i>Microbes and Infection</i> , 2004, 6, 339-349.	1.9	29
421	Interleukin-17A during Local and Systemic <i>Staphylococcus aureus</i> -Induced Arthritis in Mice. <i>Infection and Immunity</i> , 2010, 78, 3783-3790.	2.2	29
422	Distinct role of T helper Type 17 immune response for Graves' hyperthyroidism in mice with different genetic backgrounds. <i>Autoimmunity</i> , 2011, 44, 159-165.	2.6	29
423	IL-1 signalling is dispensable for protective immunity in <i>Leishmania</i> -resistant mice. <i>Experimental Dermatology</i> , 2011, 20, 76-78.	2.9	29
424	Involvement of interleukin-1 in lipopolysaccharide-induced microglial activation and learning and memory deficits. <i>Journal of Neuroscience Research</i> , 2011, 89, 506-514.	2.9	29
425	Phospholipase $\text{C}\beta$ 1 regulates p38 MAPK activity and skin barrier integrity. <i>Cell Death and Differentiation</i> , 2017, 24, 1079-1090.	11.2	29
426	Smad1 deficiency perturbs receptor trafficking and predisposes mice to myelodysplasia. <i>Journal of Clinical Investigation</i> , 2013, 123, 1123-1137.	8.2	29
427	Chemokine Receptor CCR8 Is Required for Lipopolysaccharide-Triggered Cytokine Production in Mouse Peritoneal Macrophages. <i>PLoS ONE</i> , 2014, 9, e94445.	2.5	29
428	Differential localization of colitogenic Th1 and Th2 cells monospecific to a microflora-associated antigen in mice. <i>Gastroenterology</i> , 2002, 123, 1949-1961.	1.3	28
429	Mechanism of pro-tumorogenic effect of BMP6: Neovascularization involving tumor-associated macrophages and IL-1 β . <i>Prostate</i> , 2014, 74, 121-133.	2.3	28
430	IL-17A-producing CD30 ⁺ V β 1 T cells drive inflammation-induced cancer progression. <i>Cancer Science</i> , 2016, 107, 1206-1214.	3.9	28
431	Myeloid-derived interleukin-1 β drives oncogenic KRAS-NF- κ B addiction in malignant pleural effusion. <i>Nature Communications</i> , 2018, 9, 672.	12.8	28
432	Murine Coronavirus-Induced Subacute Fatal Peritonitis in C57BL/6 Mice Deficient in Gamma Interferon. <i>Journal of Virology</i> , 1998, 72, 9286-9290.	3.4	28

#	ARTICLE	IF	CITATIONS
433	Antibacterial Effect of Kampo Herbal Formulation Hochuâ€šEkkiâ€šTo (Buâ€šZhongâ€šYiâ€šQiâ€šTang) on <i>Helicobacter pylori</i> Infection in Mice. <i>Microbiology and Immunology</i> , 2002, 46, 475-482.	1.4	27
434	Interleukin-1-deficient mice exhibit high sensitivity to gut-derived sepsis caused by <i>Pseudomonas aeruginosa</i> . <i>Cytokine</i> , 2005, 30, 339-346.	3.2	27
435	MHC-Matched Corneal Allograft Rejection in an IFN- γ /IL-17-Independent Manner in C57BL/6 Mice. , 2009, 50, 2139.		27
436	Critical role of Th17 cells in inflammation and neovascularization after ischaemia. <i>Cardiovascular Research</i> , 2011, 90, 364-372.	3.8	27
437	Upregulation of Polymeric Immunoglobulin Receptor Expression by the Heat-Inactivated Potential Probiotic <i>Bifidobacterium bifidum</i> OLB6378 in a Mouse Intestinal Explant Model. <i>Scandinavian Journal of Immunology</i> , 2012, 75, 176-183.	2.7	27
438	Dectin-1 and Dectin-2 promote control of the fungal pathogen <i>Trichophyton rubrum</i> independently of IL-17 and adaptive immunity in experimental deep dermatophytosis. <i>Innate Immunity</i> , 2016, 22, 316-324.	2.4	27
439	Modulation of an innate immune response by soluble yeast β -glucan prepared by a heat degradation method. <i>International Journal of Biological Macromolecules</i> , 2017, 104, 367-376.	7.5	27
440	Heterogeneity of RNA polymerase in <i>Escherichia coli</i> . <i>Journal of Molecular Biology</i> , 1974, 83, 369-378.	4.2	26
441	Involvement of IL-1 family proteins in p38 linked cellular senescence of mouse embryonic fibroblasts. <i>FEBS Letters</i> , 2004, 575, 30-34.	2.8	26
442	Human T-cell leukemia virus type I infects human lung epithelial cells and induces gene expression of cytokines, chemokines and cell adhesion molecules. <i>Retrovirology</i> , 2008, 5, 86.	2.0	26
443	Mature Dendritic Cell Suppression by IL-1 Receptor Antagonist on Retinal Pigment Epithelium Cells. , 2013, 54, 3240.		26
444	<i>Staphylococcus cohnii</i> is a potentially biotherapeutic skin commensal alleviating skin inflammation. <i>Cell Reports</i> , 2021, 35, 109052.	6.4	26
445	Intestinal commensal microbiota and cytokines regulate Fut2 ^{+/+} Paneth cells for gut defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	7.1	26
446	IFN- λ is a master regulator of endotoxin shock syndrome in mice primed with heat-killed <i>Propionibacterium acnes</i> . <i>International Immunology</i> , 2010, 22, 157-166.	4.0	25
447	Protein Tyrosine Phosphatase γ Mediates the Sema3A-Induced Cortical Basal Dendritic Arborization through the Activation of Fyn Tyrosine Kinase. <i>Journal of Neuroscience</i> , 2017, 37, 7125-7139.	3.6	25
448	Interleukin-17A-Deficient Mice Are Highly Susceptible to <i>Toxoplasma gondii</i> Infection Due to Excessively Induced <i>T. gondii</i> HSP70 and Interferon Gamma Production. <i>Infection and Immunity</i> , 2017, 85, .	2.2	25
449	Induction of interferon- λ by interferon- β , but not of interferon- λ by interferon- β , in the mouse. <i>Virology</i> , 1990, 176, 30-38.	2.4	24
450	Impaired Galactosylation of Core 2 O-Glycans in Erythrocytes of β 1,4-Galactosyltransferase Knockout Mice. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 94-98.	2.1	24

#	ARTICLE	IF	CITATIONS
451	Crucial Role of Bysl in Mammalian Preimplantation Development as an Integral Factor for 40S Ribosome Biogenesis. <i>Molecular and Cellular Biology</i> , 2007, 27, 2202-2214.	2.3	24
452	Characterization of mice deficient in Melanocortin 2 receptor on a B6/Balbc mix background. <i>Molecular and Cellular Endocrinology</i> , 2009, 300, 32-36.	3.2	24
453	The Role of Glucocorticoids in Pregnancy, Parturition, Lactation, and Nurturing in Melanocortin Receptor 2-Deficient Mice. <i>Endocrinology</i> , 2011, 152, 1652-1660.	2.8	24
454	Gene Targeting Study Reveals Unexpected Expression of Brain-expressed X-linked 2 in Endocrine and Tissue Stem/Progenitor Cells in Mice. <i>Journal of Biological Chemistry</i> , 2014, 289, 29892-29911.	3.4	24
455	IL-36Î± from Skin-Resident Cells Plays an Important Role in the Pathogenesis of Imiquimod-Induced Psoriasiform Dermatitis by Forming a Local Autoamplification Loop. <i>Journal of Immunology</i> , 2018, 201, 167-182.	0.8	24
456	Toll-like receptor 2 (TLR2) and dectin-1 contribute to the production of IL-12p40 by bone marrow-derived dendritic cells infected with <i>Penicillium marneffeii</i> . <i>Microbes and Infection</i> , 2008, 10, 1223-1227.	1.9	23
457	Activation of myeloid dendritic cells by deoxynucleic acids from <i>Cordyceps sinensis</i> via a Toll-like receptor 9-dependent pathway. <i>Cellular Immunology</i> , 2010, 263, 241-250.	3.0	23
458	Muramyl dipeptide augments the actions of lipopolysaccharide in mice by stimulating macrophages to produce pro-IL-1Î² and by down-regulation of the suppressor of cytokine signaling 1 (SOCS1). <i>Innate Immunity</i> , 2011, 17, 3-15.	2.4	23
459	Expression of receptor protein tyrosine phosphatase Î³, PTPÎ³, in mouse central nervous system. <i>Brain Research</i> , 2016, 1642, 244-254.	2.2	23
460	Pre-Transplantation Blockade of TNF-Î±-Mediated Oxygen Species Accumulation Protects Hematopoietic Stem Cells. <i>Stem Cells</i> , 2017, 35, 989-1002.	3.2	23
461	Pathological changes of renal epithelial cells in mice transgenic for the TT virus ORF1 gene. <i>Journal of General Virology</i> , 2002, 83, 141-150.	2.9	23
462	Latent HIV-1 reactivation in transgenic mice requires cell cycle -dependent demethylation of CREB/ATF sites in the LTR. <i>Aids</i> , 2003, 17, 167-175.	2.2	22
463	Involvement of Corticotropin-Releasing Hormone- and Interleukin (IL)-6-Dependent Proopiomelanocortin Induction in the Anterior Pituitary during Hypothalamic-Pituitary-Adrenal Axis Activation by IL-1Î±. <i>Endocrinology</i> , 2005, 146, 5496-5502.	2.8	22
464	Biotin Status Affects Nickel Allergy via Regulation of Interleukin-1Î² Production in Mice. <i>Journal of Nutrition</i> , 2009, 139, 1031-1036.	2.9	22
465	Induction of Thymic Stromal Lymphopoietin Production by Xylene and Exacerbation of Picryl Chloride-Induced Allergic Inflammation in Mice. <i>International Archives of Allergy and Immunology</i> , 2012, 157, 194-201.	2.1	22
466	Immune Complexes Inhibit IL-1 Secretion and Inflammasome Activation. <i>Journal of Immunology</i> , 2014, 193, 5190-5198.	0.8	22
467	A dendritic cell-based systemic vaccine induces long-lived lung-resident memory Th17 cells and ameliorates pulmonary mycosis. <i>Mucosal Immunology</i> , 2019, 12, 265-276.	6.0	22
468	Tumor necrosis factor-Î± is required for gastritis induced by <i>Helicobacter felis</i> infection in mice. <i>Microbial Pathogenesis</i> , 2004, 37, 119-124.	2.9	21

#	ARTICLE	IF	CITATIONS
469	Toxoplasma gondii Infection Inhibits Th17-Mediated Spontaneous Development of Arthritis in Interleukin-1 Receptor Antagonist-Deficient Mice. <i>Infection and Immunity</i> , 2012, 80, 1437-1444.	2.2	21
470	Mesenteric lymph nodes contribute to proinflammatory Th17 cell generation during inflammation of the small intestine in mice. <i>European Journal of Immunology</i> , 2016, 46, 1119-1131.	2.9	21
471	Dectin-2-Mediated Signaling Leads to Delayed Skin Wound Healing through Enhanced Neutrophilic Inflammatory Response and Neutrophil Extracellular Trap Formation. <i>Journal of Investigative Dermatology</i> , 2019, 139, 702-711.	0.7	21
472	Influenza virus infection expands the breadth of antibody responses through IL-4 signalling in B cells. <i>Nature Communications</i> , 2021, 12, 3789.	12.8	21
473	Effective Induction of Acquired Resistance to <i>Listeria monocytogenes</i> by Immunizing Mice with In Vivo-Infected Dendritic Cells. <i>Infection and Immunity</i> , 2003, 71, 117-125.	2.2	20
474	Auranofin protects against cocaine-induced hepatic injury through induction of heme oxygenase-1. <i>Journal of Toxicological Sciences</i> , 2011, 36, 635-643.	1.5	20
475	Early activation and interferon- γ production of tumor-infiltrating mature CD27 ^{high} natural killer cells. <i>Cancer Science</i> , 2011, 102, 1967-1971.	3.9	20
476	Osteopontin regulates interleukin-17 production in hepatitis. <i>Cytokine</i> , 2012, 60, 129-137.	3.2	20
477	Dectin-2-dependent host defense in mice infected with serotype 3 <i>Streptococcus pneumoniae</i> . <i>BMC Immunology</i> , 2016, 17, 1.	2.2	20
478	IFN- γ and IL-17A regulate intestinal crypt production of CXCL10 in the healthy and inflamed colon. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 318, G479-G489.	3.4	20
479	Emergence of the Extrachromosomal Circular DNA Complexes as One of the Earliest Signals of Cellular Differentiation in the Early Development of Mouse Embryo. <i>Development Growth and Differentiation</i> , 1983, 25, 563-569.	1.5	19
480	Pleiotropic phenotypic expression in cybrids derived from mouse teratocarcinoma cells fused with rat myoblast cytoplasts. <i>Cell</i> , 1985, 43, 777-791.	28.9	19
481	Studies of developmental abnormalities at the molecular level of mouse embryos homozygous for the t12 lethal mutation. <i>Developmental Biology</i> , 1986, 113, 17-28.	2.0	19
482	Roles of RecJ, RecO, and RecR in RecET-Mediated Illegitimate Recombination in <i>Escherichia coli</i> . <i>Journal of Bacteriology</i> , 2002, 184, 4715-4721.	2.2	19
483	A Th17-polarized cell population that has infiltrated the lung requires cells that convert to IFN- γ production in order to induce airway hyperresponsiveness. <i>International Immunology</i> , 2010, 22, 503-513.	4.0	19
484	Myeloid C-type lectin receptors in skin/mucoepithelial diseases and tumors. <i>Journal of Leukocyte Biology</i> , 2019, 106, 903-917.	3.3	19
485	IL-1 β Plays an Important Role in Pressure Overload-Induced Atrial Fibrillation in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2019, 42, 543-546.	1.4	19
486	Context-Dependent IL-1 mRNA-Destabilization by TTP Prevents Dysregulation of Immune Homeostasis Under Steady State Conditions. <i>Frontiers in Immunology</i> , 2020, 11, 1398.	4.8	19

#	ARTICLE	IF	CITATIONS
487	Role of Interferon- β in the Development of Murine Bronchus-Associated Lymphoid Tissues Induced by Silica in Vivo. <i>Toxicology and Applied Pharmacology</i> , 2002, 185, 1-7.	2.8	18
488	The Role of IFN- β and Toll-Like Receptors in Nephropathy Induced by <i>Toxoplasma gondii</i> Infection. <i>Microbiology and Immunology</i> , 2004, 48, 617-628.	1.4	18
489	The point mutation of tyrosine 759 of the IL-6 family cytokine receptor gp130 synergizes with HTLV-1 pX in promoting rheumatoid arthritis-like arthritis. <i>International Immunology</i> , 2004, 16, 455-465.	4.0	18
490	Increased fat:carbohydrate oxidation ratio in <i>Il1ra</i> ^{-/-} mice on a high-fat diet is associated with increased sympathetic tone. <i>Diabetologia</i> , 2008, 51, 1698-1706.	6.3	18
491	Dendritic cell immunoreceptor 1 alters neutrophil responses in the development of experimental colitis. <i>BMC Immunology</i> , 2015, 16, 64.	2.2	18
492	Involvement of IL-17A-producing TCR β ⁺ T cells in late protective immunity against pulmonary <i>Mycobacterium tuberculosis</i> infection. <i>Immunity, Inflammation and Disease</i> , 2016, 4, 401-412.	2.7	18
493	A critical role of Dectin-1 in hypersensitivity pneumonitis. <i>Inflammation Research</i> , 2016, 65, 235-244.	4.0	18
494	Preferentially expanding V β 1 ⁺ T cells are associated with protective immunity against <i>Plasmodium</i> infection in mice. <i>European Journal of Immunology</i> , 2017, 47, 685-691.	2.9	18
495	Chlamydia evasion of neutrophil host defense results in NLRP3 dependent myeloid-mediated sterile inflammation through the purinergic P2X7 receptor. <i>Nature Communications</i> , 2021, 12, 5454.	12.8	18
496	Involvement of autoimmunity against type II collagen in the development of arthritis in mice transgenic for the human T cell leukemia virus type I tax gene. <i>European Journal of Immunology</i> , 1999, 29, 54-64.	2.9	17
497	Role of Crk-associated substrate lymphocyte type in the pathophysiology of rheumatoid arthritis in transgenic mice and in humans. <i>Arthritis and Rheumatism</i> , 2003, 48, 1890-1900.	6.7	17
498	The role of gamma interferon in acquired host resistance against <i>Staphylococcus aureus</i> infection in mice. <i>FEMS Immunology and Medical Microbiology</i> , 2006, 46, 367-374.	2.7	17
499	Homeostatic defects in interleukin 18-deficient mice contribute to protection against the lethal effects of endotoxin. <i>Immunology and Cell Biology</i> , 2011, 89, 739-746.	2.3	17
500	IL-17A Mediates Early Post-Transplant Lesions after Heterotopic Trachea Allotransplantation in Mice. <i>PLoS ONE</i> , 2013, 8, e70236.	2.5	17
501	Colitogenic effector T cells: roles of gut-homing integrin, gut antigen specificity and T β cells. <i>Immunology and Cell Biology</i> , 2014, 92, 90-98.	2.3	17
502	Potential role of myeloid cell/eosinophil-derived IL-17 in LPS-induced endotoxin shock. <i>Biochemical and Biophysical Research Communications</i> , 2014, 453, 1-6.	2.1	17
503	Comparison of Host Resistance to Primary and Secondary <i>Listeria monocytogenes</i> Infections in Mice by Intranasal and Intravenous Routes. <i>Infection and Immunity</i> , 2002, 70, 4805-4811.	2.2	16
504	Acute hepatic failure in IFN- β -deficient BALB/c mice after murine coronavirus infection. <i>Virus Research</i> , 2002, 83, 169-177.	2.2	16

#	ARTICLE	IF	CITATIONS
505	IFN- γ expression in CD4+ T cells regulated by IL-6 signal is involved in superantigen-mediated CD4+ T cell death. <i>International Immunology</i> , 2009, 21, 73-80.	4.0	16
506	IL-1 regulates the Cyp7a1 gene and serum total cholesterol level at steady state in mice. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 239-242.	2.1	16
507	Altered Effector CD4+ T Cell Function in IL-21R $\alpha^{\Delta\Delta}$ / $\alpha^{\Delta\Delta}$ CD4+ T Cell-Mediated Graft-Versus-Host Disease. <i>Journal of Immunology</i> , 2010, 185, 1920-1926.	0.8	16
508	A Role for Leukocyte-Derived IL-1RA in DC Homeostasis Revealed by Increased Susceptibility of IL-1RA-Deficient Mice to Cutaneous Leishmaniasis. <i>Journal of Investigative Dermatology</i> , 2011, 131, 1650-1659.	0.7	16
509	Structural-Changes in the N-Linked Sugar Chains of Serum Immunoglobulin G of HTLV-I Transgenic Mice. <i>Biochemical and Biophysical Research Communications</i> , 1993, 192, 1004-1010.	2.1	15
510	Augmentation of c-fos and c-jun expression in transgenic mice carrying the human T-cell leukemia virus type-Itax gene. <i>Virus Genes</i> , 1995, 9, 161-170.	1.6	15
511	Roles of endogenous cytokines in liver apoptosis of mice in lethal <i>Listeria monocytogenes</i> infection. <i>FEMS Immunology and Medical Microbiology</i> , 2000, 28, 335-341.	2.7	15
512	Lipopolysaccharide-induced HIV-1 expression in transgenic mice is mediated by tumor necrosis factor- α and interleukin-1, but not by interferon- γ nor interleukin-6. <i>Aids</i> , 2000, 14, 1299-1307.	2.2	15
513	<i>Kjellmaniella crassifolia</i> Miyabe (Gagome) Extract Modulates Intestinal and Systemic Immune Responses. <i>Bioscience, Biotechnology and Biochemistry</i> , 2011, 75, 2178-2183.	1.3	15
514	Filaggrin deficiency promotes the dissemination of cutaneously inoculated vaccinia virus. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 1511-1518.e6.	2.9	15
515	CCR8 regulates contact hypersensitivity by restricting cutaneous dendritic cell migration to the draining lymph nodes. <i>International Immunology</i> , 2015, 27, 169-181.	4.0	15
516	IL-6, IL-17 and Stat3 are required for auto-inflammatory syndrome development in mouse. <i>Scientific Reports</i> , 2018, 8, 15783.	3.3	15
517	Presence of a common structure in the two molecular species of mouse L cell interferon. <i>Biochemical and Biophysical Research Communications</i> , 1978, 84, 557-563.	2.1	14
518	Cloning of a novel 2 α -5 α -oligoadenylate synthetase-like molecule, Oas15 in mice. <i>Gene</i> , 2001, 271, 261-271.	2.2	14
519	Evaluation of the Effects of Sulfamethoxazole on <i>Toxoplasma gondii</i> Loads and Stage Conversion in IFN- γ Knockout Mice Using QcPCR. <i>Microbiology and Immunology</i> , 2004, 48, 185-193.	1.4	14
520	Genetic background and gender effects on gross phenotypes in congenic lines of ALS2/alsin-deficient mice. <i>Neuroscience Research</i> , 2010, 68, 131-136.	1.9	14
521	Negative feedback on IL-23 exerted by IL-17A during pulmonary inflammation. <i>Innate Immunity</i> , 2013, 19, 479-492.	2.4	14
522	IL-21 inhibits IL-17A-producing $\gamma\delta$ T-cell response after infection with <i>Bacillus Calmette-Guérin</i> via induction of apoptosis. <i>Innate Immunity</i> , 2016, 22, 588-597.	2.4	14

#	ARTICLE	IF	CITATIONS
523	IL-17A Produced by Innate Lymphoid Cells Is Essential for Intestinal Ischemia-Reperfusion Injury. <i>Journal of Immunology</i> , 2017, 199, 2921-2929.	0.8	14
524	Increased mTOR cancels out the effect of reduced Xbp-1 on antibody secretion in IL-1 β -deficient B cells. <i>Cellular Immunology</i> , 2018, 328, 9-17.	3.0	14
525	Role of Dectin-2 in the Phagocytosis of <i>Cryptococcus neoformans</i> by Dendritic Cells. <i>Infection and Immunity</i> , 2021, 89, e0033021.	2.2	14
526	Generation of a Mouse Model with Down-Regulated U50 snoRNA (SNORD50) Expression and Its Organ-Specific Phenotypic Modulation. <i>PLoS ONE</i> , 2013, 8, e72105.	2.5	14
527	Immune Complexes Indirectly Suppress the Generation of Th17 Responses In Vivo. <i>PLoS ONE</i> , 2016, 11, e0151252.	2.5	14
528	DCIR and its ligand asialo-biantennary N-glycan regulate DC function and osteoclastogenesis. <i>Journal of Experimental Medicine</i> , 2021, 218, .	8.5	14
529	Rapid purification of mouse L cell interferon labeled with radioactive amino acid by immune precipitation. <i>Virology</i> , 1980, 100, 125-129.	2.4	13
530	SV40 vector with early gene replacement efficient in transducing exogenous DNA into mammalian cells. <i>Nucleic Acids Research</i> , 1985, 13, 8573-8586.	14.5	13
531	Induction of Lymphocytic Inflammatory Changes in Lung Interstitium by Human T Lymphotropic Virus Type I. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 160, 995-1000.	5.6	13
532	Immunization with Recombinant Surface Antigens p26 with Freund's Adjuvants against <i>Babesia rodhaini</i> Infection.. <i>Journal of Veterinary Medical Science</i> , 2000, 62, 717-723.	0.9	13
533	Th1 Cytokine-Conditioned Bone Marrow-Derived Dendritic Cells Can Bypass the Requirement for Th Functions During the Generation of CD8 ⁺ CTL. <i>Journal of Immunology</i> , 2001, 167, 3687-3691.	0.8	13
534	T cells accumulating in the inflamed joints of a spontaneous murine model of rheumatoid arthritis become restricted to common clonotypes during disease progression. <i>International Immunology</i> , 2004, 16, 131-138.	4.0	13
535	Peripheral TNF α , but not peripheral IL-1, requires endogenous IL-1 or TNF α induction in the brain for the febrile response. <i>Biochemical and Biophysical Research Communications</i> , 2007, 364, 765-770.	2.1	13
536	Interleukin-17A is involved in enhancement of tumor progression in murine intestine. <i>Immunobiology</i> , 2012, 217, 54-60.	1.9	13
537	AIM2 inflammasome-derived IL-1 β induces postoperative ileus in mice. <i>Scientific Reports</i> , 2019, 9, 10602.	3.3	13
538	Production of IL-17A at Innate Immune Phase Leads to Decreased Th1 Immune Response and Attenuated Host Defense against Infection with <i>Cryptococcus deoneofmans</i> . <i>Journal of Immunology</i> , 2020, 205, 686-698.	0.8	13
539	Dectin-2-Dependent NKT Cell Activation and Serotype-Specific Antibody Production in Mice Immunized with Pneumococcal Polysaccharide Vaccine. <i>PLoS ONE</i> , 2013, 8, e78611.	2.5	13
540	A class of large polysaccharides contains the antigenic determinants for the cytotoxic antibodies in a conventional syngeneic anti-F9 serum as well as a monoclonal antibody prepared against F9 cells. <i>Cell Differentiation</i> , 1983, 13, 41-48.	0.4	12

#	ARTICLE	IF	CITATIONS
541	Pathogenicity of <i>Toxoplasma gondii</i> through $\alpha 2$ Cell-Mediated Downregulation of Host Defense Responses. <i>Microbiology and Immunology</i> , 2003, 47, 533-542.	1.4	12
542	Phosphoinositide 3-Kinase γ Regulates Dectin-2 Signaling and the Generation of Th2 and Th17 Immunity. <i>Journal of Immunology</i> , 2016, 197, 278-287.	0.8	12
543	Dysregulated skin barrier function in <i>Tmem79</i> mutant mice promotes IL-17A-dependent spontaneous skin and lung inflammation. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 3216-3227.	5.7	12
544	Distinct Roles for Dectin-1 and Dectin-2 in Skin Wound Healing and Neutrophilic Inflammatory Responses. <i>Journal of Investigative Dermatology</i> , 2021, 141, 164-176.e8.	0.7	12
545	Immunomodulatory role of Parkinson's disease 7 in inflammatory bowel disease. <i>Scientific Reports</i> , 2021, 11, 14582.	3.3	12
546	Both Tissue-Derived and Bone Marrow-Derived Host IL-17 Producing Cells Are Required for Preventing Acute Graft-Versus-Host Disease. <i>Blood</i> , 2011, 118, 2970-2970.	1.4	12
547	Diurnal Variation of Heart Rate, Locomotor Activity, and Body Temperature in Interleukin-1.ALPHA./BETA. Doubly Deficient Mice. <i>Experimental Animals</i> , 2002, 51, 49-56.	1.1	11
548	CD28-dependent differentiation into the effector/memory phenotype is essential for induction of arthritis in interleukin-1 receptor antagonist-deficient mice. <i>Arthritis and Rheumatism</i> , 2006, 54, 473-481.	6.7	11
549	CD44 and Bak Expression in IL-6 or TNF-alpha Gene Knockout Mice After Whole Lung Irradiation. <i>Journal of Radiation Research</i> , 2008, 49, 409-416.	1.6	11
550	The mechanism of LPS-induced HIV type 1 activation in transgenic mouse macrophages. <i>International Immunology</i> , 2010, 22, 469-478.	4.0	11
551	Age-dependent regulation of depression-like behaviors through modulation of adrenergic receptor $\alpha 1A$ subtype expression revealed by the analysis of interleukin-1 receptor antagonist knockout mice. <i>Neuroscience</i> , 2011, 192, 475-484.	2.3	11
552	Local IL-17 Production Exerts a Protective Role in Murine Experimental Glomerulonephritis. <i>PLoS ONE</i> , 2015, 10, e0136238.	2.5	11
553	IL-1 receptor-antagonist (IL-1Ra) knockout mice show anxiety-like behavior by aging. <i>Neuroscience Letters</i> , 2015, 599, 20-25.	2.1	11
554	CCR8 leads to eosinophil migration and regulates neutrophil migration in murine allergic enteritis. <i>Scientific Reports</i> , 2019, 9, 9608.	3.3	11
555	Critical contribution of IFN- γ and NK cells, but not perforin-mediated cytotoxicity, to anti-metastatic effect of α -galactosylceramide. <i>European Journal of Immunology</i> , 2001, 31, 1720-1727.	2.9	11
556	Polylactosamine synthesis and branch formation of N-glycans in β 1,4-galactosyltransferase-1-deficient mice. <i>Archives of Biochemistry and Biophysics</i> , 2004, 426, 258-265.	3.0	10
557	Functional Hypothalamic Amenorrhea Due to Increased CRH Tone in Melanocortin Receptor 2-Deficient Mice. <i>Endocrinology</i> , 2010, 151, 5489-5496.	2.8	10
558	Interleukin-1 Receptor Antagonist Originating from Bone Marrow-derived Cells and Non-bone Marrow-derived Cells Helps to Suppress Arterial Inflammation and Reduce Neointimal Formation after Injury. <i>Journal of Atherosclerosis and Thrombosis</i> , 2014, 21, 1208-1218.	2.0	10

#	ARTICLE	IF	CITATIONS
559	Comparison of polysaccharide synthesis between preimplantation stage mouse embryos and F9 embryonal carcinoma cells. <i>Experimental Cell Research</i> , 1983, 146, 329-338.	2.6	9
560	Normal levels of serum glycoproteins maintained in β -1,4-galactosyltransferase I-knockout mice. <i>FEBS Letters</i> , 1999, 464, 75-79.	2.8	9
561	Participation of Endogenously Produced Interferon gamma in Interleukin 4-Mediated Tumor Rejection. <i>Human Gene Therapy</i> , 2000, 11, 659-668.	2.7	9
562	Interleukin-1 is not essential for expression of inducible NOS in hepatocytes induced by lipopolysaccharide in vivo. <i>Nitric Oxide - Biology and Chemistry</i> , 2007, 16, 433-441.	2.7	9
563	Anti-type II collagen antibody accelerates arthritis via CXCR2-expressing cells in IL-1 receptor antagonist-deficient mice. <i>European Journal of Immunology</i> , 2007, 37, 2753-2763.	2.9	9
564	Endogenous IL-17 Does Not Play a Significant Role in the Development of Experimental Murine Allergic Conjunctivitis. <i>International Archives of Allergy and Immunology</i> , 2008, 147, 206-212.	2.1	9
565	Deficiency of tumour necrosis factor- α and interferon- α in bone marrow cells synergistically inhibits neointimal formation following vascular injury. <i>Cardiovascular Research</i> , 2008, 80, 175-180.	3.8	9
566	The role of endogenous glucocorticoids in lymphocyte development in melanocortin receptor 2-deficient mice. <i>Biochemical and Biophysical Research Communications</i> , 2010, 403, 253-257.	2.1	9
567	Establishment and analysis of a novel mouse line carrying a conditional knockin allele of a cancer-specific FBXW7 mutation. <i>Scientific Reports</i> , 2018, 8, 2021.	3.3	9
568	Role of interleukin-17 in a murine community-associated methicillin-resistant <i>Staphylococcus aureus</i> pneumonia model. <i>Microbes and Infection</i> , 2019, 21, 33-39.	1.9	9
569	Ovalbumin-Induced Airway Inflammation Is Ameliorated in Dectin-1-Deficient Mice, in Which Pulmonary Regulatory T Cells Are Expanded through Modification of Intestinal Commensal Bacteria. <i>Journal of Immunology</i> , 2021, 206, 1991-2000.	0.8	9
570	Involvement of Interleukin-17A-Induced Hypercontractility of Intestinal Smooth Muscle Cells in Persistent Gut Motor Dysfunction. <i>PLoS ONE</i> , 2014, 9, e92960.	2.5	9
571	The CTRP3-AdipoR2 Axis Regulates the Development of Experimental Autoimmune Encephalomyelitis by Suppressing Th17 Cell Differentiation. <i>Frontiers in Immunology</i> , 2021, 12, 607346.	4.8	9
572	Aberrant tissue specific expression of the transgene in transgenic mice that carry the hepatitis B virus genome defective in the X gene. <i>Archives of Virology</i> , 1993, 132, 381-397.	2.1	8
573	Increased Expression of Interleukin-1.BETA. in Mouse Hippocampus after Global Cerebral Ischemia.. <i>Acta Histochemica Et Cytochemica</i> , 2001, 34, 357-362.	1.6	8
574	TARM1 contributes to development of arthritis by activating dendritic cells through recognition of collagens. <i>Nature Communications</i> , 2021, 12, 94.	12.8	8
575	Another Road to Interferon: Yasuichi Nagano's Journey. <i>Journal of Interferon and Cytokine Research</i> , 2007, 27, 349-352.	1.2	7
576	Natural killer T cells from interleukin-4-deficient mice are defective in early interferon- γ production in response to β -galactosylceramide. <i>Cancer Science</i> , 2007, 98, 721-725.	3.9	7

#	ARTICLE	IF	CITATIONS
577	IL-23 in Colitis: Targeting the Progenitors. <i>Immunity</i> , 2012, 37, 957-959.	14.3	7
578	IL-1R2 deficiency suppresses dextran sodium sulfate-induced colitis in mice via regulation of microbiota. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 934-940.	2.1	7
579	A Vaspin-HSPA1L complex protects proximal tubular cells from organelle stress in diabetic kidney disease. <i>Communications Biology</i> , 2021, 4, 373.	4.4	7
580	Blocking of interleukin-1 suppresses angiotensin II-induced renal injury. <i>Clinical Science</i> , 2021, 135, 2035-2048.	4.3	7
581	Innate Lymphoid Cells Are Required to Induce Airway Hyperreactivity in a Murine Neutrophilic Asthma Model. <i>Frontiers in Immunology</i> , 2022, 13, 849155.	4.8	7
582	Interleukin-1 deficiency in combination with macrophage depletion increases susceptibility to <i>Pseudomonas aeruginosa</i> bacteremia. <i>Microbiology and Immunology</i> , 2009, 53, 502-511.	1.4	6
583	Hepatic platelet accumulation in Fas-mediated hepatitis in mice. <i>International Immunopharmacology</i> , 2009, 9, 1071-1078.	3.8	6
584	The potential for repositioning antithyroid agents as antiasthma drugs. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1458-1461.e8.	2.9	6
585	Cross reactivity of <i>S. aureus</i> to murine cytokine assays: A source of discrepancy. <i>Cytokine</i> , 2016, 81, 101-108.	3.2	6
586	IL-17A contributes to reducing IFN- γ /IL-4 ratio and persistence of <i>Entamoeba histolytica</i> during intestinal amebiasis. <i>Parasitology International</i> , 2017, 66, 817-823.	1.3	6
587	IL-36 β is involved in hapten-specific T-cell induction, but not local inflammation, during contact hypersensitivity. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 429-436.	2.1	6
588	Effector memory CD4 ⁺ T cells in mesenteric lymph nodes mediate bone loss in food-allergic enteropathy model mice, creating IL-4 dominance. <i>Mucosal Immunology</i> , 2021, 14, 1335-1346.	6.0	6
589	Clonal isolation and characterization of myoblast-like reconstituted cells formed by fusion of karyoplasts from mouse teratocarcinoma cells with rat myoblast cytoplasts.. <i>Cell Structure and Function</i> , 1988, 13, 249-266.	1.1	6
590	IL-17A Is the Critical Cytokine for Liver and Spleen Amyloidosis in Inflammatory Skin Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5726.	4.1	6
591	INTERFERON γ PRIMING IS NOT CRITICAL FOR IL-12 PRODUCTION OF MURINE SPLEEN CELLS. <i>Cytokine</i> , 2000, 12, 12-20.	3.2	5
592	Nucleoprotein Diet Ameliorates Arthritis Symptoms in Mice Transgenic for Human T-Cell Leukemia Virus Type I (HTLV-1). <i>Journal of Clinical Biochemistry and Nutrition</i> , 2010, 46, 93-104.	1.4	5
593	Pam3CSK4 enhanced beta cell loss and diabetogenesis: The roles of IFN-gamma and IL-17. <i>Clinical Immunology</i> , 2013, 149, 86-96.	3.2	5
594	TC10, a Rho family GTPase, is required for efficient axon regeneration in a neuron-autonomous manner. <i>Journal of Neurochemistry</i> , 2021, 157, 1196-1206.	3.9	5

#	ARTICLE	IF	CITATIONS
595	Derepression of inflammation-related genes link to microglia activation and neural maturation defect in a mouse model of Kleefstra syndrome. <i>IScience</i> , 2021, 24, 102741.	4.1	5
596	Dendritic Cell Immunoreceptor (DCIR): An ITIM-Harboring C-Type Lectin Receptor. , 2016, , 101-113.		5
597	Resolving the Mutually Exclusive Immune Responses of Chitosan with Nanomechanics and Immunological Assays. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102667.	7.6	5
598	Immune Responses of Interferon Gamma (IFN- γ) Knock Out Mice to Repeated <i>Haemaphysalis longicornis</i> (Acari: Ixodidae) Nymph Infestations. <i>Journal of Medical Entomology</i> , 2002, 39, 173-176.	1.8	4
599	Roles of gamma interferon and tumor necrosis factor-alpha in shiga toxin lethality. <i>Microbial Pathogenesis</i> , 2002, 33, 43-47.	2.9	4
600	Transforming Growth Factor- β 2 Regulates Susceptibility of Epithelial Apoptosis in Murine Model of Colitis. <i>Annals of the New York Academy of Sciences</i> , 2004, 1029, 382-384.	3.8	4
601	Chronic Follicular Bronchiolitis Requires Antigen-Specific Regulatory T Cell Control To Prevent Fatal Disease Progression. <i>Journal of Immunology</i> , 2013, 191, 5460-5476.	0.8	4
602	Involvement of Gr-1dull+ Cells in the Production of TNF- α and IL-17 and Exacerbated Systemic Inflammatory Response Caused by Lipopolysaccharide. <i>Inflammation</i> , 2014, 37, 186-195.	3.8	4
603	Rag2-deficient IL-1 Receptor Antagonist-deficient Mice Are a Novel Colitis Model in Which Innate Lymphoid Cell-derived IL-17 Is Involved in the Pathogenesis. <i>Experimental Animals</i> , 2014, 63, 235-246.	1.1	4
604	Psoriasis-like skin disorder in transgenic mice expressing a RIG-I Singletonâ€Merten syndrome variant. <i>International Immunology</i> , 2021, 33, 211-224.	4.0	4
605	Apaf1 plays a negative regulatory role in T cell responses by suppressing activation of antigen-stimulated T cells. <i>PLoS ONE</i> , 2018, 13, e0195119.	2.5	4
606	Effects of tunicamycin on the differentiation of F9 cells induced by either retinoic acid or retinoic acid and dibutyryl cyclic AMP. <i>Cell Differentiation</i> , 1987, 20, 117-124.	0.4	3
607	Interferon Production under the Control of Heterologous Inducible Enhancers and Promoters. <i>Microbiology and Immunology</i> , 1988, 32, 589-596.	1.4	3
608	Transgenic mice carrying interferon genes. <i>Molecular Reproduction and Development</i> , 1993, 36, 245-247.	2.0	3
609	Interleukin-1 Controls the Constitutive Expression of the Cyp7a1 Gene by Regulating the Expression of Cyp7a1 Transcriptional Regulators in the Mouse Liver. <i>Biological and Pharmaceutical Bulletin</i> , 2011, 34, 1644-1647.	1.4	3
610	Involvement of Interleukin-1 in Lead Nitrate-Induced Hypercholesterolemia in Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2012, 35, 246-250.	1.4	3
611	A model of TH17-associated ileal hyperplasia that requires both IL-17A and IFN- γ to generate self-tolerance and prevent colitis. <i>Mucosal Immunology</i> , 2018, 11, 1127-1137.	6.0	3
612	Dectin-2-mediated initiation of immune responses caused by influenza virus hemagglutinin. <i>Biomedical Research</i> , 2021, 42, 53-66.	0.9	3

#	ARTICLE	IF	CITATIONS
613	Dual interleukin-17A/F deficiency protects against acute and chronic response to cigarette smoke exposure in mice. <i>Scientific Reports</i> , 2021, 11, 11508.	3.3	3
614	Epidermal clearance of <i>Candida albicans</i> is mediated by IL-17 but independent of fungal innate immune receptors. <i>International Immunology</i> , 0, , .	4.0	3
615	Mechanism of Polyadenylate-Polyuridyate Synthesis by RNA Polymerase Holoenzyme II of <i>Escherichia coli</i> . <i>Journal of Biochemistry</i> , 1976, 79, 61-68.	1.7	2
616	Synthesis and distribution of carbohydrate chains in cleavage-stage mouse embryos carrying the t12 lethal mutation. <i>Developmental Biology</i> , 1988, 128, 474-476.	2.0	2
617	Mechanism of Blastocyst Formation of the Mouse Embryo. (mouse embryo/blastocyst formation/) <i>Tj ETQq1 1 0.784314 rgBT /Overlook</i> 1989, 31, 523-529.	1.5	2
618	Presence of A Higher Molecular Weight .BETA.-1,4-Galactosyltransferase in Mouse Liver.. <i>Acta Histochemica Et Cytochemica</i> , 2000, 33, 215-221.	1.6	2
619	Differences between BALB/c and C57BL/6 Mice in Mouse Hepatitis Virus Replication in Primary Hepatocyte Culture.. <i>Experimental Animals</i> , 2003, 52, 81-84.	1.1	2
620	Characterization of a Variant Virus from Ascitic Fluid of Subacute Granulomatous Serositis in Interferon- β -Deficient C57BL/6 Mice Persistently Infected with Murine Coronavirus Strain JHM. <i>Viral Immunology</i> , 2010, 23, 437-442.	1.3	2
621	Correction: IL-6 Amplifier, NF- κ B-Triggered Positive Feedback for IL-6 Signaling, in Grafts Is Involved in Allogeneic Rejection Responses. <i>Journal of Immunology</i> , 2012, 189, 5997-5997.	0.8	2
622	The NLRP12 Inflammasome Recognizes <i>Yersinia pestis</i> . <i>Immunity</i> , 2012, 37, 588.	14.3	2
623	C-Type Lectin Receptors C-type lectin receptors in Host Defense Against Microbial Pathogens <i>Pathogens.</i> , 2015, , 1319-1329.		2
624	Absence of DCIR1 reduces the mortality rate of endotoxemic hepatitis in mice. <i>European Journal of Immunology</i> , 2017, 47, 704-712.	2.9	2
625	Molecular Characterization of Extrachromosomal Circular DNAs from Differentiating Embryonic Stem Cells.. <i>Cell Structure and Function</i> , 1996, 21, 451-457.	1.1	1
626	PS1-04 A novel arthritis-regulatory gene identified by using two mouse rheumatoid arthritis models. <i>Cytokine</i> , 2010, 52, 17-18.	3.2	1
627	Correction: Distinct Roles of IL-23 and IL-17 in the Development of Psoriasis-Like Lesions in a Mouse Model. <i>Journal of Immunology</i> , 2011, 187, 6157-6158.	0.8	1
628	IL-17-producing \hat{A} T cells are important for the development of arthritis in a rheumatoid arthritis model. <i>Arthritis Research and Therapy</i> , 2012, 14, .	3.5	1
629	Transgenic expression of the human LEDGF/p75 gene relieves the species barrier against HIV-1 infection in mouse cells. <i>Frontiers in Microbiology</i> , 2013, 4, 377.	3.5	1
630	Large Scale Calcium Imaging of the Cerebellar Vermis During Sensory Stimulus Unravels Two Responseâ€™s Components That Differ in Their Spatiotemporal Properties. <i>Frontiers in Systems Neuroscience</i> , 2019, 13, 18.	2.5	1

#	ARTICLE	IF	CITATIONS
631	Epidermal loss of phospholipase C α 1 attenuates irritant contact dermatitis. <i>Biochemical and Biophysical Research Communications</i> , 2019, 511, 330-335.	2.1	1
632	Critical contribution of IFN- β and NK cells, but not perforin-mediated cytotoxicity, to anti-metastatic effect of β -galactosylceramide. , 2001, 31, 1720.		1
633	The Severity of Hepatic Lesion after Intraperitoneal JHMV Infection in IFN-gamma Deficient Mice is Parallel to Viral Replication in Hepatocytes in Vitro. <i>Advances in Experimental Medicine and Biology</i> , 2001, 494, 95-99.	1.6	1
634	Transgenic Mice Carrying Exogenous Mouse Interferon Genes. , 1987, , 305-311.		1
635	Regulatory Role of Host IL-17 Via Control of Host Macrophage Activation Contributes to Less Acute Gvhd. <i>Blood</i> , 2012, 120, 4669-4669.	1.4	1
636	DCIR in the "oste-immune" system. <i>Oncotarget</i> , 2015, 6, 34051-34052.	1.8	1
637	C1q/TNF-related protein 3 regulates chondrogenic cell proliferation via adiponectin receptor 2 (progesterin and adipoQ receptor 2). <i>Translational and Regulatory Sciences</i> , 2020, 2, 19-23.	0.2	1
638	Heat-Killed <i>Levilactobacillus brevis</i> as a Candidate Postbiotics Through Immunostimulation Mediated by Macrophage-Inducible C-Type Lectin. <i>Probiotics and Antimicrobial Proteins</i> , 2023, 15, 774-784.	3.9	1
639	Suppression of oxidative neuronal damage after transient middle cerebral artery occlusion in mice lacking interleukin-1. <i>Neuroscience Research</i> , 2003, 45, 313-313.	1.9	0
640	62 The Roles of Interleukin (IL)-17A and IL-17F in the Development of Inflammatory Responses. <i>Cytokine</i> , 2007, 39, 17-18.	3.2	0
641	OR.94. Ozone Exposure in a Mouse Model Induces Airway Hyperreactivity That Requires the Presence of Natural Killer T Cells and IL-17. <i>Clinical Immunology</i> , 2008, 127, S38.	3.2	0
642	The function of IL-17-producing cells in inflammatory disease. <i>Cytokine</i> , 2009, 48, 116-117.	3.2	0
643	Analysis of stress sensitivity observed in IL-1 receptor antagonist (IL-1ra) KO mice. <i>Neuroscience Research</i> , 2009, 65, S58.	1.9	0
644	SS4-7 The roles of C-type lectins in the host defense against fungal infection. <i>Cytokine</i> , 2010, 52, 43.	3.2	0
645	SS6-4 IL-17A and IL-17F are important for the development of intestinal polyps in APCmin mice by accelerating blood vessel formation. <i>Cytokine</i> , 2010, 52, 46.	3.2	0
646	PS2-20 IL-17-producing β T cells are important for the development of arthritis in a rheumatoid arthritis model. <i>Cytokine</i> , 2010, 52, 54.	3.2	0
647	A Novel Chemokine-Receptor Antagonist Inhibits Activation of LPS-Stimulated Peritoneal Macrophages and Peritoneal Adhesion. <i>Gastroenterology</i> , 2011, 140, S-647.	1.3	0
648	The Roles of IL-17A and IL-17F in Mucosal Infection and Allergy. , 2011, , 269-297.		0

#	ARTICLE	IF	CITATIONS
649	PS2-094. DCIR, a C-type lectin receptor, is a new negative regulator in osteoclastogenesis. <i>Cytokine</i> , 2011, 56, 89.	3.2	0
650	PS2-103. The roles of Dectin-1/2 in the host defense against fungal infection. <i>Cytokine</i> , 2011, 56, 93.	3.2	0
651	Therapeutic targets for rheumatoid arthritis: lessons from animal models. <i>Arthritis Research and Therapy</i> , 2012, 14, .	3.5	0
652	Interdependence between Interleukin-1 and Tumor Necrosis Factor Regulates TNF-Dependent Control of Mycobacterium tuberculosis Infection. <i>Immunity</i> , 2016, 44, 438.	14.3	0
653	Expression of Concern. Low Concentration of Interleukin-1 ^β Induces FLICE-Inhibitory Protein-Mediated β -Cell Proliferation in Human Pancreatic Islets. <i>Diabetes</i> 2006;55:2713-2722; DOI: 10.2337/db05-1430. <i>Diabetes</i> , 2016, 65, 2462-2462.	0.6	0
654	V β 6 ⁺ T cells are critical for protection against infection by <i>Escherichia coli</i> in mice. <i>European Journal of Immunology</i> , 2021, 51, 2093-2096.	2.9	0
655	Homeostatic regulation of T follicular helper and antibody response to particle antigens by IL-1Ra of medullary sinus macrophage origin. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, e2019798118.	7.1	0
656	Th17 functions as an osteoclastogenic helper T cell subset that links T cell activation and bone destruction. <i>Journal of Cell Biology</i> , 2006, 175, i8-i8.	5.2	0
657	IL-17 is Required for CD4-Mediated Graft-Versus-Host Disease. <i>FASEB Journal</i> , 2008, 22, .	0.5	0
658	Donor Bone Marrow Derived IL-17 Expressing Cells Exacerbate Chronic Graft-Versus-Host Disease in a Murine Bone Marrow Transplantation.. <i>Blood</i> , 2008, 112, 2345-2345.	1.4	0
659	The Role of C-Type Lectin Receptors in the Host Defense Against Microbial Pathogens. , 2014, , 1-10.		0
660	Interaction between IL-17A and IL-13 is involved in steroid-resistant increase in airway mucus production.. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2019, 92, 1-YIA-37.	0.0	0
661	Dermal V β 6 ⁺ T17 Cells Are Involved in Skin Pressure Ulcers in Mice. <i>Journal of Investigative Dermatology</i> , 2022, 142, 2294-2297.e5.	0.7	0