

Shinobu Saijo

List of Publications by Year in descending order

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71
papers

8,756
citations

66343

42
h-index

102487

66
g-index

72
all docs

72
docs citations

72
times ranked

11983
citing authors

#	ARTICLE	IF	CITATIONS
1	Functional Specialization of Interleukin-17 Family Members. <i>Immunity</i> , 2011, 34, 149-162.	14.3	1,088
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	Dectin-2 Is a Direct Receptor for Mannose-Capped Lipoarabinomannan of <i>Mycobacteria</i> . <i>Immunity</i> , 2014, 41, 402-413.	14.3	243
10	Inhibition of Dectin-1 Signaling Ameliorates Colitis by Inducing <i>Lactobacillus</i> -Mediated Regulatory T Cell Expansion in the Intestine. <i>Cell Host and Microbe</i> , 2015, 18, 183-197.	11.0	215
11	Identification of Distinct Ligands for the C-type Lectin Receptors Mincle and Dectin-2 in the Pathogenic Fungus <i>Malassezia</i> . <i>Cell Host and Microbe</i> , 2013, 13, 477-488.	11.0	200
12	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
13	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
14	<i>Staphylococcus aureus</i> Virulent PSM Peptides Induce Keratinocyte Alarmin Release to Orchestrate IL-17-Dependent Skin Inflammation. <i>Cell Host and Microbe</i> , 2017, 22, 667-677.e5.	11.0	183
15	Dectin-1 and Dectin-2 in innate immunity against fungi. <i>International Immunology</i> , 2011, 23, 467-472.	4.0	170
16	Recognition of tumor cells by Dectin-1 orchestrates innate immune cells for anti-tumor responses. <i>ELife</i> , 2014, 3, e04177.	6.0	156
17	Phagocytosis-dependent activation of a $\text{TLR} \rightarrow \text{BTK} \rightarrow \text{calcineurin} \rightarrow \text{NFAT}$ pathway coordinates innate immunity to <i>Aspergillus fumigatus</i> . <i>EMBO Molecular Medicine</i> , 2015, 7, 240-258.	6.9	153
18	The pH-Responsive PacC Transcription Factor of <i>Aspergillus fumigatus</i> Governs Epithelial Entry and Tissue Invasion during Pulmonary Aspergillosis. <i>PLoS Pathogens</i> , 2014, 10, e1004413.	4.7	151

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19	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
20	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
21	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
22	TNF- α 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
23	TNF- α 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
24	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
25	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
26	IL-1 receptor antagonist-deficient mice develop autoimmune arthritis due to intrinsic activation of IL-17-producing CCR2+V β 6+T γ T cells. <i>Nature Communications</i> , 2015, 6, 7464.	12.8	102
27	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
28	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
29	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
30	C-Type Lectin Receptors Differentially Induce Th17 Cells and Vaccine Immunity to the Endemic Mycosis of North America. <i>Journal of Immunology</i> , 2014, 192, 1107-1119.	0.8	88
31	Dectin-1 Pathway Activates Robust Autophagy-Dependent Unconventional Protein Secretion in Human Macrophages. <i>Journal of Immunology</i> , 2014, 192, 5952-5962.	0.8	82
32	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
33	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
34	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
35	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
36	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

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37	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
38	CTRP6 is an endogenous complement regulator that can effectively treat induced arthritis. <i>Nature Communications</i> , 2015, 6, 8483.	12.8	58
39	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
40	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
41	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
42	C-type lectin receptors in anti-fungal immunity. <i>Current Opinion in Microbiology</i> , 2017, 40, 123-130.	5.1	46
43	Î±-Mannan induces Th17-mediated pulmonary graft-versus-host disease in mice. <i>Blood</i> , 2015, 125, 3014-3023.	1.4	43
44	TNF, but Not IL-6 and IL-17, Is Crucial for the Development of T Cell-Independent Psoriasis-Like Dermatitis in IL-1 β Mice. <i>Journal of Immunology</i> , 2010, 185, 1887-1893.	0.8	36
45	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
46	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
47	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
48	IL-36Î± from Skin-Resident Cells Plays an Important Role in the Pathogenesis of Imiquimod-Induced Psoriasisiform Dermatitis by Forming a Local Autoamplification Loop. <i>Journal of Immunology</i> , 2018, 201, 167-182.	0.8	24
49	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 marneffei</i> . <i>Microbes and Infection</i> , 2008, 10, 1223-1227.	1.9	23
50	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
51	Fecal microbiota transplantation prevents <i>Candida albicans</i> from colonizing the gastrointestinal tract. <i>Microbiology and Immunology</i> , 2019, 63, 155-163.	1.4	22
52	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
53	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
54	A critical role of Dectin-1 in hypersensitivity pneumonitis. <i>Inflammation Research</i> , 2016, 65, 235-244.	4.0	18

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55	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
56	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
57	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
58	Phosphoinositide 3-Kinase $\hat{\imath}$ Regulates Dectin-2 Signaling and the Generation of Th2 and Th17 Immunity. <i>Journal of Immunology</i> , 2016, 197, 278-287.	0.8	12
59	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
60	Identification of lipophilic ligands of Siglec5 and -14 that modulate innate immune responses. <i>Journal of Biological Chemistry</i> , 2019, 294, 16776-16788.	3.4	10
61	Dectin-2 in Antimicrobial Immunity and Homeostasis. , 2016, , 3-13.		9
62	TARM1 contributes to development of arthritis by activating dendritic cells through recognition of collagens. <i>Nature Communications</i> , 2021, 12, 94.	12.8	8
63	Keratinocyte IL-36 Receptor/MyD88 Signaling Mediates <i>Malassezia</i> -Induced IL-17-Dependent Skin Inflammation. <i>Journal of Infectious Diseases</i> , 2021, 223, 1753-1765.	4.0	5
64	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
65	Dectin-2-mediated initiation of immune responses caused by influenza virus hemagglutinin. <i>Biomedical Research</i> , 2021, 42, 53-66.	0.9	3
66	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
67	C-Type Lectin Receptors C-type lectin receptors in Host Defense Against Microbial Pathogens <i>Pathogens</i> . , 2015, , 1319-1329.		2
68	The C-type lectin receptor Clec1A plays an important role in the development of experimental autoimmune encephalomyelitis by enhancing antigen presenting ability of dendritic cells and inducing inflammatory cytokine IL-17. <i>Experimental Animals</i> , 2022, 71, 288-304.	1.1	2
69	Roles of C-Type Lectin Receptors in Inflammatory Responses. , 2016, , 333-344.		1
70	PS2-103. The roles of Dectin-1/2 in the host defense against fungal infection. <i>Cytokine</i> , 2011, 56, 93.	3.2	0
71	The Role of C-Type Lectin Receptors in the Host Defense Against Microbial Pathogens. , 2014, , 1-10.		0