

Kenji Nakanishi

List of Publications by Year in descending order

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96
papers

16,770
citations

31902

53
h-index

38300

95
g-index

100
all docs

100
docs citations

100
times ranked

15586
citing authors

#	ARTICLE	IF	CITATIONS
1	Targeted Disruption of the MyD88 Gene Results in Loss of IL-1- and IL-18-Mediated Function. <i>Immunity</i> , 1998, 9, 143-150.	6.6	1,890
2	Essential role of Stat6 in IL-4 signalling. <i>Nature</i> , 1996, 380, 627-630.	13.7	1,425
3	INTERLEUKIN-18 REGULATES BOTH TH1 AND TH2 RESPONSES. <i>Annual Review of Immunology</i> , 2001, 19, 423-474.	9.5	1,180
4	Activation of Interferon-gamma Inducing Factor Mediated by Interleukin-1beta Converting Enzyme. <i>Science</i> , 1997, 275, 206-209.	6.0	1,082
5	Defective NK Cell Activity and Th1 Response in IL-18-Deficient Mice. <i>Immunity</i> , 1998, 8, 383-390.	6.6	858
6	Interleukin-18 is a unique cytokine that stimulates both Th1 and Th2 responses depending on its cytokine milieu. <i>Cytokine and Growth Factor Reviews</i> , 2001, 12, 53-72.	3.2	596
7	Hepatocyte growth factor gene therapy of liver cirrhosis in rats. <i>Nature Medicine</i> , 1999, 5, 226-230.	15.2	583
8	Regulation of interferon- γ production by IL-12 and IL-18. <i>Current Opinion in Immunology</i> , 1998, 10, 259-264.	2.4	481
9	Basophils contribute to TH2-IgE responses in vivo via IL-4 production and presentation of peptide-MHC class II complexes to CD4+ T cells. <i>Nature Immunology</i> , 2009, 10, 706-712.	7.0	473
10	Administration of IL-33 induces airway hyperresponsiveness and goblet cell hyperplasia in the lungs in the absence of adaptive immune system. <i>International Immunology</i> , 2008, 20, 791-800.	1.8	451
11	Interleukin-18: A Novel Cytokine That Augments Both Innate and Acquired Immunity. <i>Advances in Immunology</i> , 1998, 70, 281-312.	1.1	403
12	Skin-specific expression of IL-33 activates group 2 innate lymphoid cells and elicits atopic dermatitis-like inflammation in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 13921-13926.	3.3	360
13	Interleukin-18 in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2019, 20, 649.	1.8	325
14	IL-18 induction of IgE: dependence on CD4+ T cells, IL-4 and STAT6. <i>Nature Immunology</i> , 2000, 1, 132-137.	7.0	307
15	IL-12 synergizes with IL-18 or IL-1 β for IFN- γ production from human T cells. <i>International Immunology</i> , 2000, 12, 151-160.	1.8	302
16	Contribution of IL-33-activated type II innate lymphoid cells to pulmonary eosinophilia in intestinal nematode-infected mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3451-3456.	3.3	301
17	Critical Roles of Myeloid Differentiation Factor 88-Dependent Proinflammatory Cytokine Release in Early Phase Clearance of <i>Listeria monocytogenes</i> in Mice. <i>Journal of Immunology</i> , 2002, 169, 3863-3868.	0.4	265
18	Caspase-1-Independent, Fas/Fas Ligand-Mediated IL-18 Secretion from Macrophages Causes Acute Liver Injury in Mice. <i>Immunity</i> , 1999, 11, 359-367.	6.6	243

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19	IL-18 contributes to the spontaneous development of atopic dermatitis-like inflammatory skin lesion independently of IgE/stat6 under specific pathogen-free conditions. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 11340-11345.	3.3	241
20	Lipopolysaccharide-Induced IL-18 Secretion from Murine Kupffer Cells Independently of Myeloid Differentiation Factor 88 That Is Critically Involved in Induction of Production of IL-12 and IL-1 β . Journal of Immunology, 2001, 166, 2651-2657.	0.4	222
21	A critical role of IL-33 in experimental allergic rhinitis. Journal of Allergy and Clinical Immunology, 2012, 130, 184-194.e11.	1.5	193
22	<i>Plasmodium berghei</i> Infection in Mice Induces Liver Injury by an IL-12- and Toll-Like Receptor/Myeloid Differentiation Factor 88-Dependent Mechanism. Journal of Immunology, 2001, 167, 5928-5934.	0.4	186
23	Pathophysiological roles of interleukin-18 in inflammatory liver diseases. Immunological Reviews, 2000, 174, 192-209.	2.8	180
24	IL-27 Suppresses Th2 Cell Development and Th2 Cytokines Production from Polarized Th2 Cells: A Novel Therapeutic Way for Th2-Mediated Allergic Inflammation. Journal of Immunology, 2007, 179, 4415-4423.	0.4	180
25	The Absence of Interleukin 1 Receptor-Related T1/St2 Does Not Affect T Helper Cell Type 2 Development and Its Effector Function. Journal of Experimental Medicine, 1999, 190, 1541-1548.	4.2	178
26	ASC is essential for LPS-induced activation of procaspase-1 independently of TLR-associated signal adaptor molecules. Genes To Cells, 2004, 9, 1055-1067.	0.5	169
27	Unique Action of Interleukin-18 on T Cells and Other Immune Cells. Frontiers in Immunology, 2018, 9, 763.	2.2	168
28	Contribution of Toll-like receptor/myeloid differentiation factor 88 signaling to murine liver regeneration. Hepatology, 2005, 41, 443-450.	3.6	157
29	The costimulatory effect of IL-18 on the induction of antigen-specific IFN- γ production by resting T cells is IL-12 dependent and is mediated by up-regulation of the IL-12 receptor β 2 subunit. European Journal of Immunology, 2000, 30, 1113-1119.	1.6	139
30	Skin-Specific Caspase-1-Transgenic Mice Show Cutaneous Apoptosis and Pre-Endotoxin Shock Condition with a High Serum Level of IL-18. Journal of Immunology, 2000, 165, 997-1003.	0.4	130
31	T helper 1 cells stimulated with ovalbumin and IL-18 induce airway hyperresponsiveness and lung fibrosis by IFN- γ and IL-13 production. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14765-14770.	3.3	125
32	Human Mast Cell Chymase Cleaves Pro-IL-18 and Generates a Novel and Biologically Active IL-18 Fragment. Journal of Immunology, 2006, 177, 8315-8319.	0.4	123
33	Contribution of IL-18 to atopic-dermatitis-like skin inflammation induced by Staphylococcus aureus product in mice. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 8816-8821.	3.3	115
34	Roles of caspase-1 in Listeria infection in mice. International Immunology, 2004, 16, 335-343.	1.8	112
35	Granzyme B is a novel interleukin-18 converting enzyme. Journal of Dermatological Science, 2010, 59, 129-135.	1.0	109
36	Interleukin 18 Acts on Memory T Helper Cells Type 1 to Induce Airway Inflammation and Hyperresponsiveness in a Naive Host Mouse. Journal of Experimental Medicine, 2004, 199, 535-545.	4.2	108

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37	IL-18-deficient mice are resistant to endotoxin-induced liver injury but highly susceptible to endotoxin shock. <i>International Immunology</i> , 1999, 11, 471-480.	1.8	107
38	IL-18 with IL-2 protects against <i>Strongyloides venezuelensis</i> infection by activating mucosal mast cell-dependent type 2 innate immunity. <i>Journal of Experimental Medicine</i> , 2005, 202, 607-616.	4.2	105
39	The role of basophils and proallergic cytokines, TSLP and IL-33, in cutaneously sensitized food allergy. <i>International Immunology</i> , 2014, 26, 539-549.	1.8	103
40	Contribution of IL-33 to induction and augmentation of experimental allergic conjunctivitis. <i>International Immunology</i> , 2010, 22, 479-489.	1.8	99
41	NF- κ B activation through IKK-i -dependent I-TRAF/TANK phosphorylation. <i>Genes To Cells</i> , 2000, 5, 191-202.	0.5	96
42	Elevated interleukin (IL)-18 levels during acute graft-versus-host disease after allogeneic bone marrow transplantation. <i>British Journal of Haematology</i> , 2000, 109, 652-657.	1.2	92
43	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.	1.0	88
44	Nonredundant Roles for CD1d-restricted Natural Killer T Cells and Conventional CD4+ T Cells in the Induction of Immunoglobulin E Antibodies in Response to Interleukin 18 Treatment of Mice. <i>Journal of Experimental Medicine</i> , 2003, 197, 997-1005.	4.2	86
45	Interleukin-18 Is Elevated in the Sera from Patients with Atopic Dermatitis and from Atopic Dermatitis Model Mice, NC/Nga. <i>International Archives of Allergy and Immunology</i> , 2001, 125, 236-240.	0.9	85
46	Induction of allergic inflammation by interleukin-18 in experimental animal models. <i>Immunological Reviews</i> , 2004, 202, 115-138.	2.8	74
47	Type 1 cytokine/chemokine production by mouse NK cells following activation of their TLR/MyD88-mediated pathways. <i>International Immunology</i> , 2007, 19, 311-320.	1.8	74
48	A Functional Polymorphism in <i>IL-18</i> Is Associated with Severity of Bronchial Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 1048-1055.	2.5	74
49	IL-18 deficiency selectively enhances allergen-induced eosinophilia in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2000, 105, 45-53.	1.5	72
50	Roles of IL-18 in Basophils and Mast Cells. <i>Allergy International</i> , 2006, 55, 105-113.	1.4	68
51	Contribution of TIR domain-containing adapter inducing IFN- γ -mediated IL-18 release to LPS-induced liver injury in mice. <i>Journal of Hepatology</i> , 2009, 51, 333-341.	1.8	64
52	IL-1 Receptor-Associated Kinase 4 Is Essential for IL-18-Mediated NK and Th1 Cell Responses. <i>Journal of Immunology</i> , 2003, 170, 4031-4035.	0.4	62
53	The TLR4/TRIF-Mediated Activation of NLRP3 Inflammasome Underlies Endotoxin-Induced Liver Injury in Mice. <i>Gastroenterology Research and Practice</i> , 2010, 2010, 1-11.	0.7	61
54	IL-33-Induced Atopic Dermatitis-Like Inflammation in Mice Is Mediated by Group 2 Innate Lymphoid Cells in Concert with Basophils. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2185-2194.e3.	0.3	58

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55	Nuclear factor $\hat{\text{B}}$ decoy oligodeoxynucleotides prevent endotoxin-induced fatal liver failure in a murine model. <i>Hepatology</i> , 2003, 38, 335-344.	3.6	48
56	A primary lung carcinoma producing alpha-fetoprotein, carcinoembryonic antigen, and human chorionic gonadotropin. <i>Immunohistochemical and biochemical studies. Cancer</i> , 1987, 60, 2744-2750.	2.0	46
57	Demonstration of cooperative contribution of MET- and EGFR-mediated STAT3 phosphorylation to liver regeneration by exogenous suppressor of cytokine signalings. <i>Journal of Hepatology</i> , 2008, 48, 237-245.	1.8	45
58	Persistent secretion of IL-18 in the skin contributes to IgE response in mice. <i>International Immunology</i> , 2003, 15, 611-621.	1.8	44
59	Importance of IL-18-induced Super Th1 Cells for the Development of Allergic Inflammation. <i>Allergology International</i> , 2010, 59, 137-141.	1.4	39
60	Pathophysiological roles for IL-18 in inflammatory arthritis. <i>Expert Opinion on Therapeutic Targets</i> , 2003, 7, 701-724.	1.5	38
61	IL-18 together with anti-CD3 antibody induces human Th1 cells to produce Th1- and Th2-cytokines and IL-8. <i>International Immunology</i> , 2004, 16, 1733-1739.	1.8	38
62	Basophils as APC in Th2 response in allergic inflammation and parasite infection. <i>Current Opinion in Immunology</i> , 2010, 22, 814-820.	2.4	38
63	Contribution of IL-18-induced innate T cell activation to airway inflammation with mucus hypersecretion and airway hyperresponsiveness. <i>International Immunology</i> , 2006, 18, 847-855.	1.8	37
64	Adult Still's disease reflects a Th2 rather than a Th1 cytokine profile. <i>Clinical Immunology</i> , 2004, 112, 120-125.	1.4	35
65	Basophils are potent antigen-presenting cells that selectively induce Th2 cells. <i>European Journal of Immunology</i> , 2010, 40, 1836-1842.	1.6	35
66	Fas ligand-induced caspase-1-dependent accumulation of interleukin-18 in mice with acute graft-versus-host disease. <i>Blood</i> , 2001, 98, 235-237.	0.6	33
67	Endogenous interleukin-6, but not tumor necrosis factor $\hat{\pm}$, contributes to the development of toll-like receptor 4/myeloid differentiation factor 88-mediated acute arthritis in mice. <i>Arthritis and Rheumatism</i> , 2005, 52, 2530-2540.	6.7	33
68	Host responses to intestinal nematodes. <i>International Immunology</i> , 2018, 30, 93-102.	1.8	32
69	Human Anti-Human IL-18 Antibody Recognizing the IL-18 Binding Site 3 with IL-18 Signaling Blocking Activity. <i>Journal of Biochemistry</i> , 2005, 138, 433-442.	0.9	31
70	Expression of IL-33 in ocular surface epithelium induces atopic keratoconjunctivitis with activation of group 2 innate lymphoid cells in mice. <i>Scientific Reports</i> , 2017, 7, 10053.	1.6	29
71	Involvement of interleukin-18 in severe <i>Plasmodium falciparum</i> malaria. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 2003, 97, 236-241.	0.7	25
72	IFN- $\hat{\text{A}}$ 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.	1.8	25

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73	Importance of Both Innate Immunity and Acquired Immunity for Rapid Expulsion of <i>S. venezuelensis</i> . <i>Frontiers in Immunology</i> , 2014, 5, 118.	2.2	25
74	Innate and acquired activation pathways in T cells. <i>Nature Immunology</i> , 2001, 2, 140-142.	7.0	23
75	Contribution of CD1d-unrestricted hepatic DX5+ NKT cells to liver injury in <i>Plasmodium berghei</i> -parasitized erythrocyte-injected mice. <i>International Immunology</i> , 2004, 16, 787-798.	1.8	22
76	Nematode-Infected Mice Acquire Resistance to Subsequent Infection With Unrelated Nematode by Inducing Highly Responsive Group 2 Innate Lymphoid Cells in the Lung. <i>Frontiers in Immunology</i> , 2018, 9, 2132.	2.2	22
77	Immunotherapeutic applications of IL-18. <i>Immunotherapy</i> , 2012, 4, 1883-1894.	1.0	21
78	Identification of a novel type 2 innate immunocyte with the ability to enhance IgE production. <i>International Immunology</i> , 2013, 25, 373-382.	1.8	20
79	Role of innate immune response in liver regeneration. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2007, 22, S57-S58.	1.4	18
80	Immediate-type contact hypersensitivity is reduced in interleukin-33 knockout mice. <i>Journal of Dermatological Science</i> , 2014, 74, 159-161.	1.0	17
81	Interferon-gamma production by human cord blood monocyte-derived dendritic cells. <i>Annals of Hematology</i> , 2005, 84, 423-428.	0.8	14
82	Higher levels of IL-18 circulate during primary infection of monkeys with a pathogenic SHIV than with a nonpathogenic SHIV. <i>Virology</i> , 2003, 313, 8-12.	1.1	13
83	Involvement of Interleukin-18 in Acute Graft-Versus-Host Disease in Mice. <i>Transplantation</i> , 2004, 78, 1245-1250.	0.5	11
84	Contribution of IL-18 to eosinophilic airway inflammation induced by immunization and challenge with <i>Staphylococcus aureus</i> proteins. <i>International Immunology</i> , 2010, 22, 561-570.	1.8	10
85	Requirement of GATA-binding protein 3 for Il13 gene expression in IL-18-stimulated Th1 cells. <i>International Immunology</i> , 2011, 23, 761-772.	1.8	10
86	Short Communication: Increased Expression of Interleukin-18 Receptor on T Lymphocytes in Patients with Acute Graft-versus-Host Disease After Allogeneic Bone Marrow Transplantation. <i>Journal of Interferon and Cytokine Research</i> , 2002, 22, 751-754.	0.5	9
87	Generation and Characterization of Mouse Basophils from Bone Marrow and Purification of Basophils from Spleen. <i>Current Protocols in Immunology</i> , 2012, 98, Unit 3.24.	3.6	9
88	Fas deficiency in mice with the Balb/c background induces blepharitis with allergic inflammation and hyper-IgE production in conjunction with severe autoimmune disease. <i>International Immunology</i> , 2013, 25, 287-293.	1.8	9
89	Differential Upregulation of Interleukin-18 Receptor β Chain Between CD4+ and CD8+ T Cells During Acute Graft-Versus-Host Disease in Mice. <i>Journal of Interferon and Cytokine Research</i> , 2004, 24, 291-296.	0.5	7
90	Freshly isolated Langerhans cells negatively regulate naïve T cell activation in response to peptide antigen through cell-to-cell contact. <i>Journal of Dermatological Science</i> , 2008, 51, 19-29.	1.0	7

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91	Contribution of Interleukin 18 to the Development of Infection-Associated Atopic Dermatitis. <i>Current Problems in Dermatology</i> , 2011, 41, 93-103.	0.8	7
92	Lung fibroblasts produce IL-33 in response to stimulation with retinoblastoma-binding protein 9 via production of prostaglandin E2. <i>International Immunology</i> , 2020, 32, 637-652.	1.8	5
93	Interleukin-18 regulates T helper 1 or 2 immune responses of human cord blood CD4+ VÎ±24+VÎ²11+ natural killer T cells. <i>International Journal of Molecular Medicine</i> , 0, , .	1.8	4
94	Measurement of Human and Mouse Interleukin 18. <i>Current Protocols in Immunology</i> , 2001, 44, Unit 6.26.	3.6	1
95	Interleukin-18. , 2003, , 493-500.		1
96	The costimulatory effect of IL-18 on the induction of antigen-specific IFN-Î³ production by resting T cells is IL-12 dependent and is mediated by up-regulation of the IL-12 receptor Î²2 subunit. , 2000, 30, 1113.		1