

Susumu Nakae

List of Publications by Year in descending order

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88
papers

8,736
citations

87888

38
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56724

83
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all docs

89
docs citations

89
times ranked

12161
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	IL-33 is a crucial amplifier of innate rather than acquired immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18581-18586.	7.1	594
4	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
5	The transcriptional regulators IRF4, BATF and IL-33 orchestrate development and maintenance of adipose tissue-resident regulatory T cells. <i>Nature Immunology</i> , 2015, 16, 276-285.	14.5	442
6	Mast Cells Enhance T Cell Activation: Importance of Mast Cell Costimulatory Molecules and Secreted TNF. <i>Journal of Immunology</i> , 2006, 176, 2238-2248.	0.8	343
7	Basophil-Derived Interleukin-4 Controls the Function of Natural Helper Cells, a Member of ILC2s, in Lung Inflammation. <i>Immunity</i> , 2014, 40, 758-771.	14.3	263
8	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
9	An Interleukin-33-Mast Cell-Interleukin-2 Axis Suppresses Papain-Induced Allergic Inflammation by Promoting Regulatory T Cell Numbers. <i>Immunity</i> , 2015, 43, 175-186.	14.3	240
10	Mast cells enhance T cell activation: Importance of mast cell-derived TNF. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 6467-6472.	7.1	226
11	The Interleukin-33-p38 Kinase Axis Confers Memory T Helper 2 Cell Pathogenicity in the Airway. <i>Immunity</i> , 2015, 42, 294-308.	14.3	199
12	Type 2 innate lymphoid cells disrupt bronchial epithelial barrier integrity by targeting tight junctions through IL-13 in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 300-310.e11.	2.9	182
13	Mast cell-derived TNF contributes to airway hyperreactivity, inflammation, and TH2 cytokine production in an asthma model in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 48-55.	2.9	169
14	Homeostatic Control of Sebaceous Glands by Innate Lymphoid Cells Regulates Commensal Bacteria Equilibrium. <i>Cell</i> , 2019, 176, 982-997.e16.	28.9	159
15	IL-33-Mediated Innate Response and Adaptive Immune Cells Contribute to Maximum Responses of Protease Allergen-Induced Allergic Airway Inflammation. <i>Journal of Immunology</i> , 2013, 190, 4489-4499.	0.8	151
16	TIM-1 and TIM-3 enhancement of Th2 cytokine production by mast cells. <i>Blood</i> , 2007, 110, 2565-2568.	1.4	150
17	Mast cell-derived TNF can promote Th17 cell-dependent neutrophil recruitment in ovalbumin-challenged OTII mice. <i>Blood</i> , 2007, 109, 3640-3648.	1.4	143
18	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

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19	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
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	The IL-33/ST2 axis augments effector T-cell responses during acute GVHD. <i>Blood</i> , 2015, 125, 3183-3192.	1.4	133
22	Induction of human regulatory innate lymphoid cells from group 2 innate lymphoid cells by retinoic acid. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2190-2201.e9.	2.9	133
23	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
24	The PDGF-BB-SOX7 axis-modulated IL-33 in pericytes and stromal cells promotes metastasis through tumour-associated macrophages. <i>Nature Communications</i> , 2016, 7, 11385.	12.8	117
25	IL-33 Receptor-Expressing Regulatory T Cells Are Highly Activated, Th2 Biased and Suppress CD4 T Cell Proliferation through IL-10 and TGF β 2 Release. <i>PLoS ONE</i> , 2016, 11, e0161507.	2.5	105
26	TNF can contribute to multiple features of ovalbumin-induced allergic inflammation of the airways in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 119, 680-686.	2.9	94
27	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
28	Phosphorylation status determines the opposing functions of Smad2/Smad3 as STAT3 cofactors in TH17 differentiation. <i>Nature Communications</i> , 2015, 6, 7600.	12.8	85
29	The Importance of Bacterial and Viral Infections Associated with Adult Asthma Exacerbations in Clinical Practice. <i>PLoS ONE</i> , 2015, 10, e0123584.	2.5	83
30	Role of Interleukin-33 in Innate-Type Immune Cells in Allergy. <i>Allergology International</i> , 2013, 62, 13-20.	3.3	68
31	IL-31 is crucial for induction of pruritus, but not inflammation, in contact hypersensitivity. <i>Scientific Reports</i> , 2018, 8, 6639.	3.3	65
32	Dysbiosis-induced IL-33 contributes to impaired antiviral immunity in the genital mucosa. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E762-71.	7.1	64
33	Innate Lymphoid Cells in the Induction of Obesity. <i>Cell Reports</i> , 2019, 28, 202-217.e7.	6.4	64
34	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
35	Promotion of Expansion and Differentiation of Hematopoietic Stem Cells by Interleukin-27 into Myeloid Progenitors to Control Infection in Emergency Myelopoiesis. <i>PLoS Pathogens</i> , 2016, 12, e1005507.	4.7	60
36	Nuclear expression of IL-33 in epidermal keratinocytes promotes wound healing in mice. <i>Journal of Dermatological Science</i> , 2017, 85, 106-114.	1.9	52

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37	Platelets constitutively express IL-33 protein and modulate eosinophilic airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1395-1403.e6.	2.9	48
38	Epicutaneous Allergic Sensitization by Cooperation between Allergen Protease Activity and Mechanical Skin Barrier Damage in Mice. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1408-1417.	0.7	41
39	IL-25 enhances TH17 cell-mediated contact dermatitis by promoting IL-1 β production by dermal dendritic cells. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1500-1509.e10.	2.9	41
40	IL-33, IL-25 and TSLP contribute to development of fungal-associated protease-induced innate-type airway inflammation. <i>Scientific Reports</i> , 2018, 8, 18052.	3.3	34
41	IL-25 and IL-33 Contribute to Development of Eosinophilic Airway Inflammation in Epicutaneously Antigen-Sensitized Mice. <i>PLoS ONE</i> , 2015, 10, e0134226.	2.5	34
42	Interleukin-33 Protects Ischemic Brain Injury by Regulating Specific Microglial Activities. <i>Neuroscience</i> , 2018, 385, 75-89.	2.3	33
43	Regulatory roles of mast cells in immune responses. <i>Seminars in Immunopathology</i> , 2016, 38, 623-629.	6.1	32
44	Interferon- γ constrains cytokine production of group 2 innate lymphoid cells. <i>Immunology</i> , 2016, 147, 21-29.	4.4	32
45	Galectin-9 Enhances Cytokine Secretion, but Suppresses Survival and Degranulation, in Human Mast Cell Line. <i>PLoS ONE</i> , 2014, 9, e86106.	2.5	27
46	Ankylosing enthesitis associated with up-regulated IFN- γ and IL-17 production in (BXSb \times NZB) F1 male mice: a new mouse model. <i>Modern Rheumatology</i> , 2009, 19, 316-322.	1.8	26
47	Chitin promotes antigen-specific Th2 cell-mediated murine asthma through induction of IL-33-mediated IL-1 β production by DCs. <i>Scientific Reports</i> , 2018, 8, 11721.	3.3	26
48	Development of IL-17-mediated Delayed-Type Hypersensitivity Is Not Affected by Down-Regulation of IL-25 Expression. <i>Allergology International</i> , 2010, 59, 399-408.	3.3	25
49	IL-33 in clinical practice: Size matters?. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 381-383.	2.9	24
50	Dual genetic absence of STAT6 and IL-10 does not abrogate anti-hyperglycemic effects of <i>Schistosoma mansoni</i> in streptozotocin-treated diabetic mice. <i>Experimental Parasitology</i> , 2017, 177, 1-12.	1.2	23
51	Disrupting ceramide-CD300f interaction prevents septic peritonitis by stimulating neutrophil recruitment. <i>Scientific Reports</i> , 2017, 7, 4298.	3.3	23
52	Roles of Epithelial Cell-Derived Type 2-Initiating Cytokines in Experimental Allergic Conjunctivitis. , 2015, 56, 5194.		20
53	Prolonged activation of IL-5-producing ILC2 causes pulmonary arterial hypertrophy. <i>JCI Insight</i> , 2017, 2, e90721.	5.0	19
54	Endogenous IL-33 exerts CD8+ T cell antitumor responses overcoming pro-tumor effects by regulatory T cells in a colon carcinoma model. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 331-336.	2.1	19

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55	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
56	Contributions of Interleukin-33 and TSLP in a papain-soaked contact lens-induced mouse conjunctival inflammation model. <i>Immunity, Inflammation and Disease</i> , 2017, 5, 515-525.	2.7	17
57	The roles of IL-17C in T cell-dependent and -independent inflammatory diseases. <i>Scientific Reports</i> , 2018, 8, 15750.	3.3	17
58	Silica and Double-Stranded RNA Synergistically Induce Bronchial Epithelial Apoptosis and Airway Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 344-353.	2.9	16
59	Subcutaneous Allergic Sensitization to Protease Allergen Is Dependent on Mast Cells but Not IL-33: Distinct Mechanisms between Subcutaneous and Intranasal Routes. <i>Journal of Immunology</i> , 2016, 196, 3559-3569.	0.8	16
60	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
61	The Alarmin IL-33 Derived from HSV-2-Infected Keratinocytes Triggers Mast Cell-Mediated Antiviral Innate Immunity. <i>Journal of Investigative Dermatology</i> , 2016, 136, 1290-1292.	0.7	15
62	Innate IL-17A Enhances IL-33-Independent Skin Eosinophilia and IgE Response on Subcutaneous Papain Sensitization. <i>Journal of Investigative Dermatology</i> , 2021, 141, 105-113.e14.	0.7	14
63	Development of chronic allergic responses by dampening Bcl6-mediated suppressor activity in memory T helper 2 cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E741-E750.	7.1	13
64	A Novel Mouse Model of iNKT Cell-deficiency Generated by CRISPR/Cas9 Reveals a Pathogenic Role of iNKT Cells in Metabolic Disease. <i>Scientific Reports</i> , 2017, 7, 12765.	3.3	13
65	Human eosinophils constitutively express a unique serine protease, PRSS33. <i>Allergology International</i> , 2017, 66, 463-471.	3.3	12
66	Cyclooxygenase inhibition in mice heightens adaptive and innate type responses against inhaled protease allergen and IL-33. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019, 74, 2237-2240.	5.7	12
67	Exophilin-5 regulates allergic airway inflammation by controlling IL-33-mediated Th2 responses. <i>Journal of Clinical Investigation</i> , 2020, 130, 3919-3935.	8.2	12
68	Reciprocal effects of <i>Schistosoma mansoni</i> infection on spontaneous autoimmune arthritis in IL-1 receptor antagonist-deficient mice. <i>Parasitology International</i> , 2015, 64, 13-17.	1.3	11
69	Skin Treatment with Detergent Promotes Protease Allergen-Dependent Epicutaneous Sensitization in a Manner Different from Tape Stripping in Mice. <i>Journal of Investigative Dermatology</i> , 2017, 137, 1578-1582.	0.7	11
70	The optimal age for epicutaneous sensitization following tape-stripping in BALB/c mice. <i>Allergology International</i> , 2018, 67, 380-387.	3.3	8
71	Critical role of IL-33, but not IL-25 or TSLP, in silica crystal-mediated exacerbation of allergic airway eosinophilia. <i>Biochemical and Biophysical Research Communications</i> , 2020, 533, 493-500.	2.1	8
72	IL-25, IL-33 and TSLP receptor are not critical for development of experimental murine malaria. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 191-195.	1.3	7

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73	Th2 signals are not essential for the anti-arthritic effects of <i>Trichinella spiralis</i> in mice. <i>Parasite Immunology</i> , 2020, 42, e12677.	1.5	7
74	Loss of Dok-1 and Dok-2 in mice causes severe experimental colitis accompanied by reduced expression of IL-17A and IL-22. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 135-142.	2.1	6
75	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
76	TIM-3 is not essential for development of airway inflammation induced by house dust mite antigens. <i>Allergy International</i> , 2016, 65, 459-465.	3.3	5
77	Gastrin-Releasing Peptide Is Involved in the Establishment of Allergic Rhinitis in Mice. <i>Laryngoscope</i> , 2018, 128, E377-E384.	2.0	5
78	IL-25 exacerbates autoimmune aortitis in IL-1 receptor antagonist-deficient mice. <i>Scientific Reports</i> , 2019, 9, 17067.	3.3	5
79	A mouse model of asthma-chronic obstructive pulmonary disease overlap induced by intratracheal papain. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 390-394.	5.7	5
80	Amphiregulin is Not Essential for Induction of Contact Hypersensitivity. <i>Allergy International</i> , 2010, 59, 277-284.	3.3	4
81	TSLP receptor is not essential for house dust mite-induced allergic rhinitis in mice. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 119-123.	1.3	4
82	Experimental Mouse Models of Ragweed- and Papain-Induced Allergic Conjunctivitis. <i>Methods in Molecular Biology</i> , 2021, 2223, 133-149.	0.9	4
83	TSLP is a negative regulator of RANKL-induced osteoclastogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2020, 530, 508-512.	2.1	3
84	Role of interleukin-25 in development of spontaneous arthritis in interleukin-1 receptor antagonist-deficient mice. <i>Biochemistry and Biophysics Reports</i> , 2017, 12, 62-65.	1.3	1
85	RabGEF1, a Negative Regulator of Ras Signalling, Mast Cell Activation and Skin Inflammation. <i>Novartis Foundation Symposium</i> , 0, , 115-130.	1.1	1
86	RabGEF1 regulates stem cell factor/c-kit-mediated signaling events and biological responses in mast cells. <i>FASEB Journal</i> , 2006, 20, LB123.	0.5	0
87	IL-33-induced activation of human basophils and eosinophils via ST2. <i>Inflammation and Regeneration</i> , 2010, 30, 181-185.	3.7	0
88	Emerging roles of IL-33 in inflammation and immune regulation. <i>Inflammation and Regeneration</i> , 2015, 35, 069-077.	3.7	0