Satoshi Nunomura

List of Publications by Year
in descending order

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76 papers	1,902 citations	394421 19 h-index	276875 41 g-index
76 all docs	76 docs citations	76 times ranked	2796 citing authors

#	Article	IF	Citations
1	Can serum periostin predict bronchopulmonary dysplasia in premature infants?. Pediatric Research, 2022, 92, 1108-1114.	2.3	2
2	Epithelial SOX11 regulates eyelid closure during embryonic eye development. Biochemical and Biophysical Research Communications, 2021, 549, 27-33.	2.1	0
3	The FADS mouse: AÂnovel mouse model of atopic keratoconjunctivitis. Journal of Allergy and Clinical Immunology, 2021, 148, 1596-1602.e1.	2.9	6
4	Expression profile of periostin isoforms in systemic sclerosis. Journal of Dermatological Science, 2021, 104, 210-212.	1.9	2
5	Periostin forms a functional complex with IgA in human serum. Allergology International, 2020, 69, 111-120.	3.3	6
6	Cross-Talk between Transforming Growth Factor-Î² and Periostin Can Be Targeted for Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 204-216.	2.9	38
7	Plasma matrix metalloproteinase 7, CC-chemokine ligand 18, and periostin as markers for pulmonary sarcoidosis. Respiratory Investigation, 2020, 58, 479-487.	1.8	3
8	Exploration of biomarkers to predict clinical improvement of atopic dermatitis in patients treated with dupilumab. Medicine (United States), 2020, 99, e22043.	1.0	13
9	IL-24: A new player in the pathogenesis of pro-inflammatory and allergic skin diseases. Allergology International, 2020, 69, 405-411.	3.3	40
10	Periostin plays a critical role in the cell cycle in lung fibroblasts. Respiratory Research, 2020, 21, 38.	3.6	26
11	Establishment of a Mouse Model of Atopic Dermatitis by Deleting Ikk2 in Dermal Fibroblasts. Journal of Investigative Dermatology, 2019, 139, 1274-1283.	0.7	14
12	Recent Advances in Allergy Research Using Humanized Mice. International Journal of Molecular Sciences, 2019, 20, 2740.	4.1	11
13	Differentiation between control subjects and patients with chronic spontaneous urticaria based on the ability of anti-IgE autoantibodies (AAbs) to induce FcÎµRI crosslinking, as compared to anti-FcÎµRIÎ± AAbs. Allergology International, 2019, 68, 342-351.	3.3	9
14	Periostin: An emerging biomarker for allergic diseases. Allergy: European Journal of Allergy and Clinical Immunology, 2019, 74, 2116-2128.	5.7	83
15	Periostin Links Skin Inflammation to Melanoma Progression in Humans and Mice. International Journal of Molecular Sciences, 2019, 20, 169.	4.1	18
16	Periostin as aÂBiomarker for Type 2 Asthma. Respiratory Disease Series, 2019, , 71-81.	0.0	0
17	Constitutive overexpression of periostin delays wound healing in mouse skin. Wound Repair and Regeneration, 2018, 26, 6-15.	3.0	13
18	Accumulation of periostin in acute exacerbation of familial idiopathic pulmonary fibrosis. Journal of Thoracic Disease, 2018, 10, E587-E591.	1.4	13

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19	Hierarchical control of interleukin 13 (IL-13) signals in lung fibroblasts by STAT6 and SOX11. Journal of Biological Chemistry, 2018, 293, 14646-14658.	3.4	25
20	Squamous Cell Carcinoma Antigen 2 (SCCA2, SERPINB4): An Emerging Biomarker for Skin Inflammatory Diseases. International Journal of Molecular Sciences, 2018, 19, 1102.	4.1	40
21	A humanized mouse model to study asthmatic airway inflammation via the human IL-33/IL-13 axis. JCI Insight, 2018, 3, .	5.0	35
22	Clarithromycin attenuates IL-13â€"induced periostin production in human lung fibroblasts. Respiratory Research, 2017, 18, 37.	3.6	13
23	Periostin in inflammation and allergy. Cellular and Molecular Life Sciences, 2017, 74, 4293-4303.	5.4	111
24	Disulfide-linked dimerization of the FcRÎ³ chain is required for positive and negative regulation of mast cell activation via FcÎµRI. Allergology International, 2017, 66, S41-S43.	3.3	0
25	The Significance of Hypothiocyanite Production via the Pendrin/DUOX/Peroxidase Pathway in the Pathogenesis of Asthma. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-7.	4.0	12
26	Induction of Airway Allergic Inflammation by Hypothiocyanite via Epithelial Cells. Journal of Biological Chemistry, 2016, 291, 27219-27227.	3.4	19
27	The potential for repositioning antithyroid agents as antiasthma drugs. Journal of Allergy and Clinical Immunology, 2016, 138, 1458-1461.e8.	2.9	6
28	Innate basophil IL-4 responses against allergens, endotoxin, and cytokines require the Fc receptor Î³-chain. Journal of Allergy and Clinical Immunology, 2016, 137, 1613-1615.e2.	2.9	13
29	Activation of LXRs using the synthetic agonist GW3965 represses the production of pro-inflammatory cytokines by murine mast cells. Allergology International, 2015, 64, S11-S17.	3.3	9
30	æŽ¥è§¦æ€§çš®è†šç‚Žã«ãŠã'ã‚‹Fcå•–å®¹ä½"Î³éŽ–ã®å½¹å‰² IVåž‹éŽæ•åå¿œã«ãŠã'ã‚‹æ¶²æ€§å…ç–«. Kagaku To Seibutsu, 2015, 53, 6	0.0	0
31	FcR<i>Î³</i> promotes contact hypersensitivity to oxazolone without affecting the contact sensitisation process in B6 mice. Experimental Dermatology, 2015, 24, 204-208.	2.9	2
32	Common marmoset CD117 + hematopoietic cells possess multipotency. International Immunology, 2015, 27, 567-577.	4.0	4
33	Treatment of murine mast cells with IgEÎº and protein L enhances apoptotic cell death induced by IL-3 withdrawal. Biochemical and Biophysical Research Communications, 2015, 456, 700-705.	2.1	0
34	Development of Assay for Determining Free IgE Levels in Serum from Patients Treated with Omalizumab. Allergology International, 2014, 63, 37-47.	3.3	18
35	C/EBPÎ± controls mast cell function. FEBS Letters, 2014, 588, 4645-4653.	2.8	14
36	Highly expressed cytoplasmic <scp>F</scp>cÎµ<scp>RI</scp>Î² in human mast cells functions as a negative regulator of the <scp>F</scp>c<scp>R</scp>Î³â€•mediated cell activation signal. Clinical and Experimental Allergy, 2014, 44, 238-249.	2.9	7

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37	Differentiation ability of multipotent hematopoietic stem/progenitor cells detected by a porcine specific anti-CD117 monoclonal antibody. BioScience Trends, 2014, 8, 308-315.	3.4	6
38	Expression of Mas-related gene X2 on mast cells is upregulated in the skin of patients with severe chronic urticaria. Journal of Allergy and Clinical Immunology, 2014, 134, 622-633.e9.	2.9	283
39	Establishment of a Human Allergy Model Using Human IL-3/GM-CSFâ€"Transgenic NOG Mice. Journal of Immunology, 2013, 191, 2890-2899.	0.8	151
40	Fc receptor beta chain deficiency exacerbates murine arthritis in the anti-type II collagen antibody-induced experimental model. Modern Rheumatology, 2013, 23, 804-810.	1.8	4
41	Identification of the C/EBPÎ± C-terminal tail residues involved in the protein interaction with GABP and their potency in myeloid differentiation of K562 cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2013, 1829, 1207-1217.	1.9	10
42	Varicella Zoster Virus Myelitis in Two Elderly Patients: Diagnostic Value of Nested Polymerase Chain Reaction Assay and Antibody Index for Cerebrospinal Fluid Specimens. Case Reports in Neurology, 2013, 5, 81-90.	0.7	14
43	Fc receptor beta chain deficiency exacerbates murine arthritis in the anti-typeÂII collagen antibody-induced experimental model. Modern Rheumatology, 2013, 23, 804-810.	1.8	3
44	Fine-tuning of mast cell activation by FcÎµRIÎ² chain. Frontiers in Immunology, 2012, 3, 112.	4.8	15
45	Double expression of CD34 and CD117 on bone marrow progenitors is a hallmark of the development of functional mast cell of Callithrix jacchus (common marmoset). International Immunology, 2012, 24, 593-603.	4.0	12
46	The FcRÎ²- and Î³-ITAMs Play Crucial but Distinct Roles in the Full Activation of Mast Cells Induced by IgEÎº and Protein L. Journal of Immunology, 2012, 188, 4052-4064.	0.8	7
47	Multiple injections of anti-mouse Î²2glycoprotein 1 antibody induce FcRÎ³-dependent fetal growth restriction (FGR) in mice. Placenta, 2012, 33, 540-547.	1.5	6
48	Protease-Mediated House Dust Mite Allergen-Induced Reactive Oxygen Species Production by Neutrophils. International Archives of Allergy and Immunology, 2011, 155, 104-109.	2.1	16
49	FcÎµRI-induced mast cell cytokine production critically involves an aspartic acid residue (D234) in the C-terminal intracellular domain of the FcÎµRIÎ² chain. Biochemical and Biophysical Research Communications, 2011, 410, 744-748.	2.1	3
50	Amino acid residues in the Î²3 strand and subsequent loop of the conserved ETS domain that mediate basic leucine zipper (bZIP) recruitment and potentially distinguish functional attributes of Ets proteins. Biochemical Journal, 2010, 430, 129-139.	3.7	3
51	Oxysterol represses highâ€affinity IgE receptorâ€stimulated mast cell activation in Liver X receptorâ€dependent and â€independent manners. FEBS Letters, 2010, 584, 1143-1148.	2.8	17
52	Mast cell death induced by 24(S),25-epoxycholesterol. Experimental Cell Research, 2010, 316, 3272-3281.	2.6	9
53	FcÎµRI Î²â€chain ITAM amplifies PI3Kâ€signaling to ensure synergistic degranulation response via FcÎµRI and adenosine receptors. European Journal of Immunology, 2010, 40, 1205-1217.	2.9	11
54	Prolonged Culture of Mast Cells with High-Glucose Medium Enhances the FcÎµRI-Mediated Degranulation Response and Leukotriene C₄ Production. International Archives of Allergy and Immunology, 2010, 152, 22-31.	2.1	18

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55	Liver X receptors and immune regulation. Biomolecular Concepts, 2010, 1, 381-387.	2.2	0
56	Abrogation of High-Affinity IgE Receptor-Mediated Mast Cell Activation at the Effector Phase Prevents Contact Hypersensitivity to Oxazolone. Journal of Investigative Dermatology, 2010, 130, 725-731.	0.7	20
57	High affinity receptor for IgE stimulation activates protein kinase D augmenting activator protein-1 activity for cytokine producing in mast cells. International Immunopharmacology, 2010, 10, 277-283.	3.8	14
58	PI3KÎ³ Differentially Regulates FcÎµRI-Mediated Degranulation and Migration of Mast Cells by and toward Antigen. International Archives of Allergy and Immunology, 2009, 149, 66-72.	2.1	11
59	The high-affinity immunoglobulin E receptor (FcÉ›RI) regulates mitochondrial calcium uptake and a dihydropyridine receptor-mediated calcium influx in mast cells: Role of the FcÉ›RIÎ² chain immunoreceptor tyrosine-based activation motif. Biochemical Pharmacology, 2008, 75, 1492-1503.	4.4	22
60	Functionality of the IgA Fc receptor (FcÎ±R, CD89) is down-regulated by extensive engagement of FcÉ›RI. Clinical Immunology, 2008, 129, 155-162.	3.2	3
61	Priming of peripheral monocytes with prolactin (PRL) sensitizes IFN-Î³-mediated indoleamine 2,3-dioxygenase (IDO) expression without affecting IFN-Î³ signaling. Journal of Reproductive Immunology, 2008, 77, 117-125.	1.9	8
62	Na-Tosyl-Phe chloromethyl ketone prevents granule movement and mast cell synergistic degranulation elicited by costimulation of antigen and adenosine. Life Sciences, 2008, 83, 242-249.	4.3	8
63	Inhibitory effects of parthenolide on antigen-induced microtubule formation and degranulation in mast cells. International Immunopharmacology, 2008, 8, 874-880.	3.8	28
64	Selinidin Suppresses IgE-Mediated Mast Cell Activation by Inhibiting Multiple Steps of Fc.EPSILON.RI Signaling. Biological and Pharmaceutical Bulletin, 2008, 31, 442-448.	1.4	17
65	3-O-(2,3-Dimethylbutanoyl)-13-O-decanoylingenol from Euphorbia kansui Suppresses IgE-Mediated Mast Cell Activation. Biological and Pharmaceutical Bulletin, 2006, 29, 286-290.	1.4	37
66	Common and distinct signalling cascades in the production of tumour necrosis factor-alpha and interleukin-13 induced by lipopolysaccharide in RBL-2H3 cells. Clinical and Experimental Allergy, 2005, 35, 635-642.	2.9	20
67	Role of the FcÏµRI Î²-chain ITAM as a signal regulator for mast cell activation with monomeric IgE. International Immunology, 2005, 17, 685-694.	4.0	24
68	Heat Transfer in a Two-Dimensional Crystalline Complex (Dusty) Plasma. Physical Review Letters, 2005, 95, 025003.	7.8	63
69	Positive and Negative Regulation of Mast Cell Activation by Lyn via the FcÎµRI. Journal of Immunology, 2005, 175, 6885-6892.	0.8	145
70	The FcÏµRIÎ² Immunoreceptor Tyrosine-based Activation Motif Exerts Inhibitory Control on MAPK and IÎºB Kinase Phosphorylation and Mast Cell Cytokine Production. Journal of Biological Chemistry, 2004, 279, 49177-49187.	3.4	101
71	Requirement of transcription factor AML1 in proliferation of developing thymocytes. Immunology Letters, 2003, 89, 39-46.	2.5	17
72	FcÎµRI Signaling of Mast Cells Activates Intracellular Production of Hydrogen Peroxide: Role in the Regulation of Calcium Signals. Journal of Immunology, 2003, 171, 6119-6127.	0.8	129

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73	Surface Molecules Essential for Positive Selection Are Retained but Interfered in Thymic Epithelial Cells after Monolayer Culture. Cellular Immunology, 2001, 211, 71-79.	3.0	10
74	Molecular Basis for Functional Maturation of Thymocytes: Increase in c-fos Translation with Positive Selection. Journal of Immunology, 2000, 164, 5590-5595.	0.8	7
75	CD45 can act as a negative regulator for the transition from early to late CD4+CD8+ thymocytes. International Immunology, 1999, 11, 89-97.	4.0	5
76	Establishment of a novel ELISA system for measuring periostin independently of formation of the IgA complex. Annals of Clinical Biochemistry, 0, , 000456322211060.	1.6	0