

Shin-Ichi Tominaga

List of Publications by Year in descending order

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55
papers

4,503
citations

147801

31
h-index

182427

51
g-index

55
all docs

55
docs citations

55
times ranked

4106
citing authors

#	ARTICLE	IF	CITATIONS
1	Expression and Regulation of ST2, an Interleukin-1 Receptor Family Member, in Cardiomyocytes and Myocardial Infarction. <i>Circulation</i> , 2002, 106, 2961-2966.	1.6	551
2	Soluble ST2 Blocks Interleukin-33 Signaling in Allergic Airway Inflammation. <i>Journal of Biological Chemistry</i> , 2007, 282, 26369-26380.	3.4	463
3	Identification of Serum Soluble ST2 Receptor as a Novel Heart Failure Biomarker. <i>Circulation</i> , 2003, 107, 721-726.	1.6	453
4	A putative protein of a growth specific cDNA from BALB/C β T3 cells is highly similar to the extracellular portion of mouse interleukin 1 receptor. <i>FEBS Letters</i> , 1989, 258, 301-304.	2.8	343
5	Elevated Soluble ST2 Protein Levels in Sera of Patients with Asthma with an Acute Exacerbation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 277-281.	5.6	271
6	Different promoter usage and multiple transcription initiation sites of the interleukin-1 receptor-related human ST2 gene in UT-7 and TM12 cells. <i>FEBS Journal</i> , 1999, 264, 397-406.	0.2	198
7	Presence of a novel primary response gene ST2L, encoding a product highly similar to the interleukin 1 receptor type 1. <i>FEBS Letters</i> , 1993, 318, 83-87.	2.8	192
8	Functional SNPs in the distal promoter of the ST2 gene are associated with atopic dermatitis. <i>Human Molecular Genetics</i> , 2005, 14, 2919-2927.	2.9	165
9	The Increase in Serum Soluble ST2 Protein Upon Acute Exacerbation of Idiopathic Pulmonary Fibrosis. <i>Chest</i> , 2003, 124, 1206-1214.	0.8	152
10	Identification of Human ST2 Protein in the Sera of Patients with Autoimmune Diseases. <i>Biochemical and Biophysical Research Communications</i> , 2001, 284, 1104-1108.	2.1	124
11	Tissue Distribution and Subcellular Localization of a Variant Form of the Human ST2 Gene Product, ST2V. <i>Biochemical and Biophysical Research Communications</i> , 2001, 285, 1377-1383.	2.1	103
12	Regulation of IL-33 Expression by IFN- β and Tumor Necrosis Factor- α in Normal Human Epidermal Keratinocytes. <i>Journal of Investigative Dermatology</i> , 2012, 132, 2593-2600.	0.7	94
13	Presence and Expression of a Novel Variant Form of ST2 Gene Product in Human Leukemic Cell Line UT-7/GM. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 14-18.	2.1	91
14	ST2 protein induced by inflammatory stimuli can modulate acute lung inflammation. <i>Biochemical and Biophysical Research Communications</i> , 2002, 299, 18-24.	2.1	88
15	ST2 gene expression is proliferation-dependent and its ligand, IL-33, induces inflammatory reaction in endothelial cells. <i>Molecular and Cellular Biochemistry</i> , 2010, 335, 75-81.	3.1	72
16	ST2 suppresses IL-6 production via the inhibition of I κ B degradation induced by the LPS signal in THP-1 cells. <i>Biochemical and Biophysical Research Communications</i> , 2006, 341, 425-432.	2.1	70
17	Molecular cloning of the murine ST2 gene. Characterization and chromosomal mapping. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991, 1090, 1-8.	2.4	69
18	The Cloning and Nucleotide Sequence of Human ST2L cDNA. <i>Genomics</i> , 2000, 67, 284-290.	2.9	68

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19	Activated, but not resting human Th2 cells, in contrast to Th1 and T _H 17 regulatory cells, produce soluble ST2 and express low levels of ST2L at the cell surface. <i>European Journal of Immunology</i> , 2002, 32, 2979-2987.	2.9	68
20	Expression of IL-33 in the epidermis: The mechanism of induction by IL-17. <i>Journal of Dermatological Science</i> , 2013, 71, 107-114.	1.9	63
21	SNIP1 Is a Candidate Modifier of the Transcriptional Activity of c-Myc on E Box-Dependent Target Genes. <i>Molecular Cell</i> , 2006, 24, 771-783.	9.7	60
22	Construction of ELISA System to Quantify Human ST2 Protein in Sera of Patients. <i>Hybridoma</i> , 2000, 19, 151-159.	0.6	52
23	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
24	Nucleotide sequence of a complementary DNA for human ST2. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1992, 1171, 215-218.	2.4	51
25	Expression of ST2 in Helper T Lymphocytes of Malignant Pleural Effusions. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 165, 1005-1009.	5.6	51
26	ST2 GENE INDUCED BY TYPE 2 HELPER T CELL (TH2) AND PROINFLAMMATORY CYTOKINE STIMULI MAY MODULATE LUNG INJURY AND FIBROSIS. <i>Experimental Lung Research</i> , 2007, 33, 81-97.	1.2	47
27	Molecular cloning of the chicken ST2 gene and a novel variant form of the ST2 gene product, ST2LV. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2004, 1681, 1-14.	2.4	45
28	Murine mRNA for the β 2-subunit of integrin is increased in BALB/c-3T3 cells entering the G1 phase from the G0 state. <i>FEBS Letters</i> , 1988, 238, 315-319.	2.8	44
29	Murine ST2 gene is a member of the primary response gene family induced by growth factors. <i>FEBS Letters</i> , 1992, 302, 51-53.	2.8	39
30	Characterization of ST2 transgenic mice with resistance to IL-33. <i>European Journal of Immunology</i> , 2010, 40, 2632-2642.	2.9	32
31	T-helper type 2 cell-specific expression of the ST2 gene is regulated by transcription factor GATA-3. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 2005, 1728, 53-64.	2.4	31
32	Studies on Natural ST2 Gene Products in the Human Leukemic Cell Line UT-7 Using Monoclonal Antihuman ST2 Antibodies. <i>Hybridoma</i> , 1995, 14, 419-427.	0.6	28
33	A novel splice variant of mouse interleukin-1-receptor-associated kinase-1 (IRAK-1) activates nuclear factor-kappaB (NF-kappaB) and c-Jun N-terminal kinase (JNK). <i>Biochemical Journal</i> , 2003, 370, 159-166.	3.7	28
34	Identification of the product of the murine ST2 gene. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1993, 1178, 194-200.	4.1	27
35	Assignment of the human ST2 gene to chromosome 2 at q11.2. <i>Human Genetics</i> , 1996, 97, 561-563.	3.8	27
36	Myeloid HMG-CoA (3-Hydroxy-3-Methylglutaryl-Coenzyme A) Reductase Determines Atherosclerosis by Modulating Migration of Macrophages. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 2590-2600.	2.4	23

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37	Soluble ST2 protein inhibits LPS stimulation on monocyte-derived dendritic cells. <i>Cellular and Molecular Immunology</i> , 2012, 9, 399-409.	10.5	21
38	Soluble ST2 suppresses the effect of interleukin-33 on lung type 2 innate lymphoid cells. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 401-407.	1.3	17
39	Different factors bind to the regulatory region of the Na ⁺ ,K ⁺ -ATPase α 1-subunit gene during the cell cycle. <i>FEBS Letters</i> , 1993, 335, 251-254.	2.8	16
40	Ultraviolet B irradiation induces the expression of IL-33 mRNA and protein in normal human epidermal keratinocytes. <i>Journal of Dermatological Science</i> , 2012, 65, 72-74.	1.9	16
41	Identification of the promoter region of human IL-33 responsive to induction by IFN γ . <i>Journal of Dermatological Science</i> , 2017, 85, 137-140.	1.9	16
42	ST2 gene products critically contribute to cellular transformation caused by an oncogenic Ras mutant. <i>Heliyon</i> , 2017, 3, e00436.	3.2	15
43	The effect of ST2 gene product on anchorage-independent growth of a glioblastoma cell line, T98G. <i>FEBS Journal</i> , 2002, 270, 163-170.	0.2	14
44	Dual function of IL-33 on proliferation of NIH-3T3 cells. <i>Cytokine</i> , 2015, 72, 105-108.	3.2	12
45	Soluble form of the ST2 gene product exhibits growth promoting activity in NIH-3T3 cells. <i>Biochemistry and Biophysics Reports</i> , 2016, 5, 8-15.	1.3	11
46	Induction of IL-33 Augments Cytokine and Chemokine Production by IL-33 in Mast Cells. <i>Journal of Immunology</i> , 2020, 204, 2033-2042.	0.8	11
47	Presence of a novel exon 2E encoding a putative transmembrane protein in human IL-33 gene. <i>Biochemical and Biophysical Research Communications</i> , 2013, 430, 969-974.	2.1	5
48	STAT3 and ERK pathways are involved in cell growth stimulation of the ST2/IL-33 promoter. <i>FEBS Open Bio</i> , 2017, 7, 293-302.	2.3	5
49	The existence of a growth-specific DNA binding factor for the promoter region of mouse ST2 gene. <i>FEBS Letters</i> , 1994, 354, 311-314.	2.8	4
50	Assignment of the human ST2 gene to chromosome 2 at q11.2. <i>Human Genetics</i> , 1996, 97, 561-563.	3.8	3
51	Nuclear IL-33 regulates cytokinesis and cell motility in normal human epidermal keratinocytes. <i>Journal of Dermatological Science</i> , 2022, 105, 113-120.	1.9	2
52	UGA stop codon readthrough to translate intergenic region of <i>Plautia stali</i> intestine virus does not require RNA structures forming internal ribosomal entry site. <i>Rna</i> , 2019, 25, 90-104.	3.5	0
53	Soluble ST2 controls allergic inflammation in a murine model of asthma. <i>FASEB Journal</i> , 2013, 27, 835.4.	0.5	0
54	Two Phosphorylation Reactions Induced by Murine Beta Interferon in BALB/c-3T3 Cells. <i>Cell Structure and Function</i> , 1992, 17, 151-155.	1.1	0

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55	Keratinocytes in Skin Disorders: The Importance of Keratinocytes as a Barrier. , 0, , .		0