

Sadao Kimura

List of Publications by Year in descending order

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77
papers

18,932
citations

87888
38
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79698
73
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all docs

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docs citations

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times ranked

8042
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative action of APJ and α_1 -adrenergic receptor in vascular smooth muscle cells induces vasoconstriction. <i>Journal of Biochemistry</i> , 2019, 166, 383-392.	1.7	14
2	Potent inhibition of angiotensin AT ₁ receptor signaling by RGS8: importance of the C-terminal third exon part of its RGS domain. <i>Journal of Receptor and Signal Transduction Research</i> , 2016, 36, 478-487.	2.5	8
3	Bidirectional role of IL-6 signal in pathogenesis of lung fibrosis. <i>Respiratory Research</i> , 2015, 16, 99.	3.6	70
4	Therapeutic effect of lung mixed culture-derived epithelial cells on lung fibrosis. <i>Laboratory Investigation</i> , 2014, 94, 1247-1259.	3.7	11
5	p38 Mitogen-activated protein kinase accelerates emphysema in mouse model of chronic obstructive pulmonary disease. <i>Journal of Receptor and Signal Transduction Research</i> , 2014, 34, 299-306.	2.5	11
6	Endothelin B receptor-mediated encephalopathic events in mouse sepsis model. <i>Life Sciences</i> , 2014, 118, 340-346.	4.3	8
7	Endothelin regulates function of IL-17-producing T cell subset. <i>Life Sciences</i> , 2014, 118, 244-247.	4.3	11
8	Brefeldin A Is an Estrogenic, Erk1/2-Activating Component in the Extract of <i>Agaricus blazei</i> Mycelia. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 128-136.	5.2	19
9	Mechanism for p38 α -mediated Experimental Autoimmune Encephalomyelitis. <i>Journal of Biological Chemistry</i> , 2012, 287, 24228-24238.	3.4	33
10	Glucagon-like peptide-1 secretion by direct stimulation of L cells with luminal sugar vs non-nutritive sweetener. <i>Journal of Diabetes Investigation</i> , 2012, 3, 156-163.	2.4	18
11	Functional analysis of guinea pig β_1 -adrenoceptor. <i>Journal of Receptor and Signal Transduction Research</i> , 2011, 31, 395-401.	2.5	0
12	Potent and selective inhibition of angiotensin AT ₁ receptor signaling by RGS2: Roles of its N-terminal domain. <i>Cellular Signalling</i> , 2011, 23, 1041-1049.	3.6	20
13	N-type Calcium Channel in the Pathogenesis of Experimental Autoimmune Encephalomyelitis*. <i>Journal of Biological Chemistry</i> , 2010, 285, 33294-33306.	3.4	29
14	Impaired placental neovascularization in mice with pregnancy-associated hypertension. <i>Laboratory Investigation</i> , 2008, 88, 416-429.	3.7	32
15	Phosphorylation of Ser166 in RGS5 by protein kinase C causes loss of RGS function. <i>Life Sciences</i> , 2007, 81, 40-50.	4.3	11
16	Up-regulation of CXC chemokines and their receptors: implications for proinflammatory microenvironments of ovarian carcinomas and endometriosis. <i>Human Pathology</i> , 2007, 38, 1676-1687.	2.0	94
17	Involvement of p38 α in Kainate-Induced Seizure and Neuronal Cell Damage. <i>Journal of Receptor and Signal Transduction Research</i> , 2007, 27, 99-111.	2.5	18
18	CD151 dynamics in carcinoma-stroma interaction: integrin expression, adhesion strength and proteolytic activity. <i>Laboratory Investigation</i> , 2007, 87, 882-892.	3.7	57

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19	Involvement of p38 Mitogen-activated Protein Kinase in Lung Metastasis of Tumor Cells. Journal of Biological Chemistry, 2006, 281, 36767-36775.	3.4	39
20	Up-regulation of the interferon β (IFN- β)-inducible chemokines IFN-inducible T-cell α chemoattractant and monokine induced by IFN- β and of their receptor CXC receptor 3 in human renal cell carcinoma. Cancer, 2005, 103, 258-267.	4.1	74
21	RGS4 and RGS5 are in vivo substrates of the N-end rule pathway. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15030-15035.	7.1	219
22	Pathophysiology of tumor neovascularization. Vascular Health and Risk Management, 2005, 1, 277-290.	2.3	44
23	Cytodifferentiation Enhances Erk Activation Induced by Endothelin-1 in Primary Cultured Astrocytes. Journal of Cardiovascular Pharmacology, 2004, 44, S307-S312.	1.9	3
24	Polymorphism of the promoter region of prostacyclin synthase gene in chronic thromboembolic pulmonary hypertension. Respirology, 2004, 9, 184-189.	2.3	18
25	Expression of regulator of G protein signalling protein 5(RGS5) in the tumour vasculature of human renal cell carcinoma. Journal of Pathology, 2004, 203, 551-558.	4.5	61
26	Role of p38 Mitogen-Activated Protein Kinase in Thrombus Formation. Journal of Receptor and Signal Transduction Research, 2004, 24, 283-296.	2.5	30
27	Characterization of a novel C. elegans RGS protein with a C2 domain: evidence for direct association between C2 domain and G α q subunit. Life Sciences, 2003, 73, 917-932.	4.3	7
28	Essential Role of p38 Mitogen-activated Protein Kinase in Contact Hypersensitivity. Journal of Biological Chemistry, 2002, 277, 37896-37903.	3.4	53
29	Possible Involvement of p38 Mitogen-Activated Protein Kinase in Decidual Function in Parturition. Biochemical and Biophysical Research Communications, 2001, 288, 1155-1161.	2.1	13
30	Characterization of RGS5 in regulation of G protein-coupled receptor signaling. Life Sciences, 2001, 68, 1457-1469.	4.3	74
31	Expression Pattern of GDNF, c-ret, and GFR α s Suggests Novel Roles for GDNF Ligands during Early Organogenesis in the Chick Embryo. Developmental Biology, 2000, 217, 121-137.	2.0	46
32	Nociceptin/orphanin FQ: role in nociceptive information processing. Progress in Neurobiology, 1999, 57, 527-535.	5.7	57
33	The novel sphingosine 1-phosphate receptor AGR16 is coupled via pertussis toxin-sensitive and -insensitive G-proteins to multiple signalling pathways. Biochemical Journal, 1999, 337, 67.	3.7	63
34	Novel Mutations of the Endothelin B Receptor Gene in Patients with Hirschsprung's Disease and Their Characterization. Journal of Biological Chemistry, 1998, 273, 11378-11383.	3.4	81
35	Studies on endothelium-dependent vasorelaxation by hydralazine in porcine coronary artery. European Journal of Pharmacology, 1997, 321, 307-314.	3.5	14
36	The Effects of Eotaxin on the Surface Adhesion Molecules of Endothelial Cells and on Eosinophil Adhesion to Microvascular Endothelial Cells. Biochemical and Biophysical Research Communications, 1997, 241, 136-141.	2.1	35

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37	Effects of intrathecally administered nociceptin, an opioid receptor-like1 (ORL1) receptor agonist, on the thermal hyperalgesia induced by unilateral constriction injury to the sciatic nerve in the rat. <i>Neuroscience Letters</i> , 1997, 224, 107-110.	2.1	83
38	Effects of intrathecally administered nociceptin, an opioid receptor-like1 (ORL1) receptor agonist, on the thermal hyperalgesia induced by carageenan injection into the rat paw. <i>Brain Research</i> , 1997, 754, 329-332.	2.2	74
39	Identification of Histone H2A.X as a Growth Factor Secreted by an Androgen-independent Subline of Mouse Mammary Carcinoma Cells. <i>Journal of Biological Chemistry</i> , 1996, 271, 25126-25130.	3.4	19
40	Endothelin-1 Partially Inhibits ATP-Sensitive K ⁺ Current in Guinea Pig Ventricular Cells. <i>Journal of Cardiovascular Pharmacology</i> , 1996, 27, 12-19.	1.9	17
41	[14] Characterization of endothelin-converting enzymes. <i>Methods in Neurosciences</i> , 1995, 23, 251-265.	0.5	0
42	Characterization of phosphoramidon-sensitive metalloproteinases with endothelin-converting enzyme activity in porcine lung membrane. <i>BBA - Proteins and Proteomics</i> , 1993, 1161, 295-302.	2.1	25
43	Expression of Endothelin-1 in the Lungs of Patients with Pulmonary Hypertension. <i>New England Journal of Medicine</i> , 1993, 328, 1732-1739.	27.0	1,698
44	Effect of phosphoramidon on big endothelin-2 conversion into endothelin-2 in human renal adenocarcinoma (ACHN) cells Analysis of endothelin-2 biosynthetic pathway. <i>FEBS Letters</i> , 1992, 314, 395-398.	2.8	9
45	cDNA cloning, sequence analysis and tissue distribution of rat preproendothelin-1 mRNA. <i>Biochemical and Biophysical Research Communications</i> , 1991, 175, 44-47.	2.1	217
46	Structural analysis of a mature hst-1 protein with transforming growth factor activity. <i>Biochemical and Biophysical Research Communications</i> , 1991, 174, 404-410.	2.1	4
47	Phosphoramidon inhibits the intracellular conversion of big endothelin-1 to endothelin-1 in cultured endothelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1991, 174, 779-784.	2.1	75
48	Distribution of Endothelin-like Immunoreactivity and mRNA in the Developing and Adult Human Lung. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1991, 4, 50-58.	2.9	129
49	Cloning of a cDNA encoding a non-isopeptide-selective subtype of the endothelin receptor. <i>Nature</i> , 1990, 348, 732-735.	27.8	2,443
50	Affinity labelling of endothelin receptor and characterization of solubilized endothelin-endothelin-receptor complex. <i>FEBS Journal</i> , 1990, 187, 125-129.	0.2	16
51	Detection of endothelin immunoreactivity and mRNA in pulmonary tumours. <i>Journal of Pathology</i> , 1990, 162, 15-22.	4.5	64
52	A sandwich-type enzyme immunoassay to detect immunoreactive big-endothelin-1 in plasma. <i>Journal of Immunological Methods</i> , 1990, 127, 165-170.	1.4	43
53	Analysis of big endothelin-1 digestion by cathepsin D. <i>Biochemical and Biophysical Research Communications</i> , 1990, 172, 883-889.	2.1	27
54	Purification and characterization of putative endothelin converting enzyme in bovine adrenal medulla: Evidence for a cathepsin D-like enzyme. <i>Biochemical and Biophysical Research Communications</i> , 1990, 168, 1230-1236.	2.1	73

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55	Characterization of endothelin converting enzyme activities in soluble fraction of bovine cultured endothelial cells. Biochemical and Biophysical Research Communications, 1990, 169, 1138-1144.	2.1	65
56	Effect of Endothelin on Cardiovascular System. International Heart Journal, 1990, 31, 517-518.	0.6	0
57	Pressor Response to Endothelin in Guinea Pigs. The Japanese Journal of Pharmacology, 1989, 49, 549-552.	1.2	1
58	Conversion of Big Endothelin-1 to 21-Residue Endothelin-1 Is Essential for Expression of Full Vasoconstrictor Activity. Journal of Cardiovascular Pharmacology, 1989, 13, S5-7.	1.9	167
59	Calcitonin Gene-Related Peptide-Binding Sites of Porcine Cardiac Muscles and Coronary Arteries: Solubilization and Characterization. Journal of Neurochemistry, 1989, 52, 1919-1924.	3.9	31
60	Analysis of endothelin related peptides in culture supernatant of porcine aortic endothelial cells: Evidence for biosynthetic pathway of endothelin-1. Biochemical and Biophysical Research Communications, 1989, 162, 1287-1294.	2.1	81
61	Endothelin-1 induces vasoconstriction through two functionally distinct pathways in porcine coronary artery: Contribution of phosphoinositide turnover. Biochemical and Biophysical Research Communications, 1989, 161, 1049-1055.	2.1	116
62	Endothelin-3 is a novel neuropeptide: Isolation and sequence determination of endothelin-1 and endothelin-3 in porcine brain. Biochemical and Biophysical Research Communications, 1989, 164, 587-593.	2.1	134
63	Presence of endothelin-1 in porcine spinal cord: Isolation and sequence determination. Biochemical and Biophysical Research Communications, 1989, 162, 340-346.	2.1	95
64	Neurogenic vasodilation and release of calcitonin gene-related peptide (CGRP) from perivascular nerves in the rat mesenteric artery. Biochemical and Biophysical Research Communications, 1989, 165, 1391-1398.	2.1	65
65	Vasoconstrictor response of large cerebral arteries of cats to endothelin, an endothelium-derived vasoactive peptide. European Journal of Pharmacology, 1989, 162, 353-358.	3.5	99
66	Elimination of Intravenously Injected Endothelin-1 from the Circulation of the Rat. Journal of Cardiovascular Pharmacology, 1989, 13, S98-101.	1.9	107
67	Subunits of Panulirus japonicus hemocyanin. 1. Isolation and properties. FEBS Journal, 1988, 173, 423-430.	0.2	20
68	A novel potent vasoconstrictor peptide produced by vascular endothelial cells. Nature, 1988, 332, 411-415.	27.8	10,647
69	Similarity of endothelin to snake venom toxin. Nature, 1988, 335, 303-303.	27.8	55
70	Effects of endothelin on the renal artery from spontaneously hypertensive and Wistar Kyoto rats. European Journal of Pharmacology, 1988, 152, 373-374.	3.5	233
71	Structure-activity relationships of endothelin: Importance of the C-terminal moiety. Biochemical and Biophysical Research Communications, 1988, 156, 1182-1186.	2.1	229
72	Vasoconstrictor / pressor activities and regulated biosynthesis of endothelin, a novel endothelium-derived vasoconstrictor peptide. The Japanese Journal of Pharmacology, 1988, 46, 97.	1.2	2

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73	Differences in C-terminal amino acid sequences between erythrocyte and liver cytochrome b 5 isolated from pig and human. FEBS Letters, 1984, 169, 143-146.	2.8	11
74	Studies on subfractions of hemoglobin A1b and hemoglobin A1c in diabetic subjects.. Endocrinologia Japonica, 1984, 31, 725-731.	0.5	4
75	Novel neuropeptides, neurokinin .ALPHA. and .BETA., isolated from porcine spinal cord.. Proceedings of the Japan Academy Series B: Physical and Biological Sciences, 1983, 59, 101-104.	3.8	264
76	PROENKEPHALIN AND INTERMEDIATES IN THE BIOSYNTHESIS OF ENKEPHALINS. , 1981, , 128-130.		0
77	Opioid hexapeptides and heptapeptides in adrenal medulla and brain possible implications on the biosynthesis of enkephalins. Archives of Biochemistry and Biophysics, 1980, 205, 606-613.	3.0	95