Kenji Kangawa

List of Publications by Year in Descending Order

53 papers	9,136 citations	25 h-index	54 g-index
54 ext. papers	9,482 ext. citations	11.4 avg, IF	4.94 L-index

#	Paper	IF	Citations
53	CRISPR/Cas9-mediated knockout suppresses plasma triglyceride concentrations and adiposity in rats. *Journal of Lipid Research*, **2018**, 59, 1575-1585	6.3	22
52	Three molecular forms of atrial natriuretic peptides: quantitative analysis and biological characterization. *Journal of Peptide Science*, **2017**, 23, 486-495	2.1	10
51	Novel Chemiluminescent Enzyme Immunoassays for Individual Quantification of 3 Endogenous Molecular Forms of Atrial Natriuretic Peptide in Human Plasma. *journal of applied laboratory medicine, The*, **2016**, 1, 47-59	2	4
50	Atrial natriuretic peptide prevents cancer metastasis through vascular endothelial cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 4086-91	11.5	68
49	Pro-B-type natriuretic peptide is cleaved intracellularly: impact of distance between O-glycosylation and cleavage sites. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2015**, 309, R639-49	3.2	25
48	Inhibitory effect of C-type natriuretic peptide (CNP) on cultured cardiac myocyte hypertrophy: interference between CNP and endothelin-1 signaling pathways. *Endocrinology*, **2004**, 145, 2131-40	4.8	79
47	Enhanced adrenomedullin production by mechanical stretching in cultured rat cardiomyocytes. *Hypertension*, **2000**, 35, 1210-4	8.5	61
46	Adrenomedullin: a possible autocrine or paracrine inhibitor of hypertrophy of cardiomyocytes. *Hypertension*, **1998**, 31, 505-10	8.5	156
45	Hypotensive effect of chronically infused adrenomedullin in conscious Wistar-Kyoto and spontaneously hypertensive rats. *Clinical and Experimental Pharmacology and Physiology*, **1997**, 24, 139-42	3	37
44	Behaviour of adrenomedullin during acute and chronic salt loading in normotensive and hypertensive subjects. *Clinical Science*, **1996**, 91, 293-8	6.5	28
43	Nitric oxide-dependent hypotensive effects of adrenomedullin in rats. *Drug Development Research*, **1996**, 37, 55-60	5.1	15
42	Nitric oxide-dependent hypotensive effects of adrenomedullin in rats **1996**, 37, 55		1
41	Characterization of atrial natriuretic peptide in urine from rats treated with a neutral endopeptidase inhibitor. *Biochemical and Biophysical Research Communications*, **1992**, 182, 1270-6	3.4	11
40	Identification of a novel transthyretin variant (Val30----Leu) associated with familial amyloidotic polyneuropathy. *FEBS Letters*, **1992**, 306, 206-8	3.8	25
39	In vivo and in vitro effects of atrial natriuretic peptide on renin release. *Clinical and Experimental Pharmacology and Physiology*, **1992**, 19, 711-6	3	3
38	Atrial natriuretic peptide inhibits the aldosterone response to metoclopramide in patients with glomerular disease and essential hypertension. *Clinical and Experimental Pharmacology and Physiology*, **1991**, 18, 557-62	3	1
37	Purification and cDNA cloning of Xenopus laevis skin peptidylhydroxyglycine N-C lyase, catalyzing the second reaction of C-terminal alpha-amidation. *FEBS Journal*, **1991**, 201, 551-9		17

36	Establishment of a new human cancer cell line secreting protease nexin-II/amyloid beta protein precursor derived from squamous-cell carcinoma of lung. *International Journal of Cancer*, **1991**, 49, 436-43	7.5	24
35	Islet amyloid polypeptide in insulinoma and in the islets of the pancreas of non-diabetic and diabetic subjects. *Virchows Archiv A, Pathological Anatomy and Histopathology*, **1991**, 418, 411-7		21
34	Concentration and molecular forms of brain natriuretic peptide in rat plasma and spinal cord. *Biochemical and Biophysical Research Communications*, **1991**, 177, 40-7	3.4	21
33	Cloning and sequence analysis of complementary DNA encoding a precursor for chicken natriuretic peptide. *FEBS Letters*, **1991**, 280, 357-62	3.8	25
32	The extrarenal effects of atrial natriuretic peptide on body fluid distribution. *American Journal of Hypertension*, **1990**, 3, 140-7	2.3	6
31	Cloning and sequence analysis of a cDNA encoding a precursor for rat C-type natriuretic peptide (CNP). *FEBS Letters*, **1990**, 276, 209-13	3.8	152
30	C-type natriuretic peptide (CNP): a new member of natriuretic peptide family identified in porcine brain. *Biochemical and Biophysical Research Communications*, **1990**, 168, 863-70	3.4	907
29	The effects of atrial pacing and ballooning on the plasma concentration of atrial natriuretic peptide in anesthetized dogs with or without vagotomy. *Clinical and Experimental Hypertension*, **1989**, 11, 89-101		1
28	Primary structure and expression from complementary DNA of skeletal muscle ryanodine receptor. *Nature*, **1989**, 339, 439-45	50.4	1049
27	Natriuretic and hypotensive effects of brain natriuretic peptide in anaesthetized DOCA-salt hypertensive rats. *Clinical and Experimental Pharmacology and Physiology*, **1989**, 16, 185-90	3	9
26	Brain natriuretic peptide is a novel cardiac hormone. *Biochemical and Biophysical Research Communications*, **1989**, 158, 360-8	3.4	195
25	Effect of alpha-human atrial natriuretic peptide on proteinuria in patients with primary glomerular diseases. *Clinical Science*, **1989**, 77, 643-50	6.5	18
24	Renal nerve blunts natriuretic and diuretic response to atrial natriuretic peptide in conscious rabbits. *The Japanese Journal of Physiology*, **1989**, 39, 931-41		2
23	A new natriuretic peptide in porcine brain. *Nature*, **1988**, 332, 78-81	50.4	1518
22	Porcine brain natriuretic peptide, another modulator of bovine adrenocortical steroidogenesis. *FEBS Letters*, **1988**, 236, 455-61	3.8	21
21	Brain natriuretic peptide interacts with atrial natriuretic peptide receptor in cultured rat vascular smooth muscle cells. *FEBS Letters*, **1988**, 238, 415-8	3.8	33
20	Molecular forms of atrial natriuretic peptide in the atrium of patients with cardiovascular disease. *Journal of Clinical Endocrinology and Metabolism*, **1988**, 67, 93-7	5.6	22
19	Acute hemodynamic effects of alpha human atrial natriuretic polypeptide in patients with congestive heart failure. *International Heart Journal*, **1988**, 29, 143-9		11

18	Possible involvement of sodium pump in the relaxation of rat aorta induced by alpha-human atrial natriuretic polypeptide. *The Japanese Journal of Physiology*, **1988**, 38, 187-98		2
17	Relationship between the renin-aldosterone system and atrial natriuretic polypeptide in rats. *Clinical Science*, **1987**, 72, 165-70	6.5	11
16	Biochemical characterization of familial amyloidotic polyneuropathy in various districts of Japan. *Japanese Journal of Medicine*, **1987**, 26, 189-93		1
15	Identification of alpha atrial natriuretic peptide [4-28] and [5-28] in porcine brain. *Biochemical and Biophysical Research Communications*, **1987**, 149, 1055-62	3.4	44
14	Biochemical and genetic characterization of type I familial amyloidotic polyneuropathy. *Annals of Neurology*, **1987**, 21, 596-8	9.4	11
13	Primary structure of the receptor for calcium channel blockers from skeletal muscle. *Nature*, **1987**, 328, 313-8	50.4	1242
12	Plasma concentration of atrial natriuretic polypeptide in patients with atrial tachycardia. *International Heart Journal*, **1987**, 28, 53-61		6
11	Cloning, sequencing and expression of complementary DNA encoding the muscarinic acetylcholine receptor. *Nature*, **1986**, 323, 411-6	50.4	855
10	Primary structure of the alpha-subunit of bovine adenylate cyclase-inhibiting G-protein deduced from the cDNA sequence. *FEBS Letters*, **1986**, 197, 305-10	3.8	154
9	Primary structure of porcine cardiac muscarinic acetylcholine receptor deduced from the cDNA sequence. *FEBS Letters*, **1986**, 209, 367-72	3.8	302
8	Alpha-human atrial natriuretic polypeptide-induced rise of plasma and urinary cyclic 3′5′-guanosine monophosphate concentration in human subjects. *Clinical and Experimental Hypertension*, **1986**, 8, 67-73		11
7	Blood pressure, renal and endocrine responses to alpha-human atrial natriuretic polypeptide in healthy volunteers. *International Heart Journal*, **1986**, 27, 777-89		13
6	Structural identification of beta- and gamma-human atrial natriuretic polypeptides. *Nature*, **1985**, 313, 397-400	50.4	208
5	Primary structure of the alpha-subunit of transducin and its relationship to ras proteins. *Nature*, **1985**, 315, 242-5	50.4	296
4	Primary structure of the beta-subunit of bovine transducin deduced from the cDNA sequence. *FEBS Letters*, **1985**, 191, 235-40	3.8	138
3	Identification of rat gamma atrial natriuretic polypeptide and characterization of the cDNA encoding its precursor. *Nature*, **1984**, 312, 152-5	50.4	208
2	Purification and complete amino acid sequence of alpha-human atrial natriuretic polypeptide (alpha-hANP). *Biochemical and Biophysical Research Communications*, **1984**, 118, 131-9	3.4	1036
1	GENERAL SESSION. *Acta Histochemica Et Cytochemica*, **1984**, 17, 691-701	1.9	