

Kenji Kangawa

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	A new natriuretic peptide in porcine brain. <i>Nature</i> , 1988 , 332, 78-81	50.4	1518
52	Primary structure of the receptor for calcium channel blockers from skeletal muscle. <i>Nature</i> , 1987 , 328, 313-8	50.4	1242
51	Primary structure and expression from complementary DNA of skeletal muscle ryanodine receptor. <i>Nature</i> , 1989 , 339, 439-45	50.4	1049
50	Purification and complete amino acid sequence of alpha-human atrial natriuretic polypeptide (alpha-hANP). <i>Biochemical and Biophysical Research Communications</i> , 1984 , 118, 131-9	3.4	1036
49	C-type natriuretic peptide (CNP): a new member of natriuretic peptide family identified in porcine brain. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 168, 863-70	3.4	907
48	Cloning, sequencing and expression of complementary DNA encoding the muscarinic acetylcholine receptor. <i>Nature</i> , 1986 , 323, 411-6	50.4	855
47	Primary structure of porcine cardiac muscarinic acetylcholine receptor deduced from the cDNA sequence. <i>FEBS Letters</i> , 1986 , 209, 367-72	3.8	302
46	Primary structure of the alpha-subunit of transducin and its relationship to ras proteins. <i>Nature</i> , 1985 , 315, 242-5	50.4	296
45	Identification of rat gamma atrial natriuretic polypeptide and characterization of the cDNA encoding its precursor. <i>Nature</i> , 1984 , 312, 152-5	50.4	208
44	Structural identification of beta- and gamma-human atrial natriuretic polypeptides. <i>Nature</i> , 1985 , 313, 397-400	50.4	208
43	Brain natriuretic peptide is a novel cardiac hormone. <i>Biochemical and Biophysical Research Communications</i> , 1989 , 158, 360-8	3.4	195
42	Adrenomedullin: a possible autocrine or paracrine inhibitor of hypertrophy of cardiomyocytes. <i>Hypertension</i> , 1998 , 31, 505-10	8.5	156
41	Primary structure of the alpha-subunit of bovine adenylate cyclase-inhibiting G-protein deduced from the cDNA sequence. <i>FEBS Letters</i> , 1986 , 197, 305-10	3.8	154
40	Cloning and sequence analysis of a cDNA encoding a precursor for rat C-type natriuretic peptide (CNP). <i>FEBS Letters</i> , 1990 , 276, 209-13	3.8	152
39	Primary structure of the beta-subunit of bovine transducin deduced from the cDNA sequence. <i>FEBS Letters</i> , 1985 , 191, 235-40	3.8	138
38	Inhibitory effect of C-type natriuretic peptide (CNP) on cultured cardiac myocyte hypertrophy: interference between CNP and endothelin-1 signaling pathways. <i>Endocrinology</i> , 2004 , 145, 2131-40	4.8	79
37	Atrial natriuretic peptide prevents cancer metastasis through vascular endothelial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 4086-91	11.5	68

36	Enhanced adrenomedullin production by mechanical stretching in cultured rat cardiomyocytes. <i>Hypertension</i> , 2000 , 35, 1210-4	8.5	61
35	Identification of alpha atrial natriuretic peptide [4-28] and [5-28] in porcine brain. <i>Biochemical and Biophysical Research Communications</i> , 1987 , 149, 1055-62	3.4	44
34	Hypotensive effect of chronically infused adrenomedullin in conscious Wistar-Kyoto and spontaneously hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997 , 24, 139-42	3.2	37
33	Brain natriuretic peptide interacts with atrial natriuretic peptide receptor in cultured rat vascular smooth muscle cells. <i>FEBS Letters</i> , 1988 , 238, 415-8	3.8	33
32	Behaviour of adrenomedullin during acute and chronic salt loading in normotensive and hypertensive subjects. <i>Clinical Science</i> , 1996 , 91, 293-8	6.5	28
31	Pro-B-type natriuretic peptide is cleaved intracellularly: impact of distance between O-glycosylation and cleavage sites. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015 , 309, R639-49	3.2	25
30	Identification of a novel transthyretin variant (Val30----Leu) associated with familial amyloidotic polyneuropathy. <i>FEBS Letters</i> , 1992 , 306, 206-8	3.8	25
29	Cloning and sequence analysis of complementary DNA encoding a precursor for chicken natriuretic peptide. <i>FEBS Letters</i> , 1991 , 280, 357-62	3.8	25
28	Establishment of a new human cancer cell line secreting protease nexin-II/amyloid beta protein precursor derived from squamous-cell carcinoma of lung. <i>International Journal of Cancer</i> , 1991 , 49, 436-43	7.5	24
27	CRISPR/Cas9-mediated knockout suppresses plasma triglyceride concentrations and adiposity in rats. <i>Journal of Lipid Research</i> , 2018 , 59, 1575-1585	6.3	22
26	Molecular forms of atrial natriuretic peptide in the atrium of patients with cardiovascular disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1988 , 67, 93-7	5.6	22
25	Islet amyloid polypeptide in insulinoma and in the islets of the pancreas of non-diabetic and diabetic subjects. <i>Virchows Archiv A, Pathological Anatomy and Histopathology</i> , 1991 , 418, 411-7		21
24	Concentration and molecular forms of brain natriuretic peptide in rat plasma and spinal cord. <i>Biochemical and Biophysical Research Communications</i> , 1991 , 177, 40-7	3.4	21
23	Porcine brain natriuretic peptide, another modulator of bovine adrenocortical steroidogenesis. <i>FEBS Letters</i> , 1988 , 236, 455-61	3.8	21
22	Effect of alpha-human atrial natriuretic peptide on proteinuria in patients with primary glomerular diseases. <i>Clinical Science</i> , 1989 , 77, 643-50	6.5	18
21	Purification and cDNA cloning of <i>Xenopus laevis</i> skin peptidylhydroxyglycine N-C lyase, catalyzing the second reaction of C-terminal alpha-amidation. <i>FEBS Journal</i> , 1991 , 201, 551-9		17
20	Nitric oxide-dependent hypotensive effects of adrenomedullin in rats. <i>Drug Development Research</i> , 1996 , 37, 55-60	5.1	15
19	Blood pressure, renal and endocrine responses to alpha-human atrial natriuretic polypeptide in healthy volunteers. <i>International Heart Journal</i> , 1986 , 27, 777-89		13

18	Characterization of atrial natriuretic peptide in urine from rats treated with a neutral endopeptidase inhibitor. <i>Biochemical and Biophysical Research Communications</i> , 1992 , 182, 1270-6	3.4	11
17	Relationship between the renin-aldosterone system and atrial natriuretic polypeptide in rats. <i>Clinical Science</i> , 1987 , 72, 165-70	6.5	11
16	Biochemical and genetic characterization of type I familial amyloidotic polyneuropathy. <i>Annals of Neurology</i> , 1987 , 21, 596-8	9.4	11
15	Alpha-human atrial natriuretic polypeptide-induced rise of plasma and urinary cyclic 3',5'-guanosine monophosphate concentration in human subjects. <i>Clinical and Experimental Hypertension</i> , 1986 , 8, 67-73		11
14	Acute hemodynamic effects of alpha human atrial natriuretic polypeptide in patients with congestive heart failure. <i>International Heart Journal</i> , 1988 , 29, 143-9		11
13	Three molecular forms of atrial natriuretic peptides: quantitative analysis and biological characterization. <i>Journal of Peptide Science</i> , 2017 , 23, 486-495	2.1	10
12	Natriuretic and hypotensive effects of brain natriuretic peptide in anaesthetized DOCA-salt hypertensive rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1989 , 16, 185-90	3	9
11	The extrarenal effects of atrial natriuretic peptide on body fluid distribution. <i>American Journal of Hypertension</i> , 1990 , 3, 140-7	2.3	6
10	Plasma concentration of atrial natriuretic polypeptide in patients with atrial tachycardia. <i>International Heart Journal</i> , 1987 , 28, 53-61		6
9	Novel Chemiluminescent Enzyme Immunoassays for Individual Quantification of 3 Endogenous Molecular Forms of Atrial Natriuretic Peptide in Human Plasma. <i>Journal of applied laboratory medicine, The</i> , 2016 , 1, 47-59	2	4
8	In vivo and in vitro effects of atrial natriuretic peptide on renin release. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1992 , 19, 711-6	3	3
7	Possible involvement of sodium pump in the relaxation of rat aorta induced by alpha-human atrial natriuretic polypeptide. <i>The Japanese Journal of Physiology</i> , 1988 , 38, 187-98		2
6	Renal nerve blunts natriuretic and diuretic response to atrial natriuretic peptide in conscious rabbits. <i>The Japanese Journal of Physiology</i> , 1989 , 39, 931-41		2
5	Atrial natriuretic peptide inhibits the aldosterone response to metoclopramide in patients with glomerular disease and essential hypertension. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1991 , 18, 557-62	3	1
4	The effects of atrial pacing and ballooning on the plasma concentration of atrial natriuretic peptide in anesthetized dogs with or without vagotomy. <i>Clinical and Experimental Hypertension</i> , 1989 , 11, 89-101		1
3	Biochemical characterization of familial amyloidotic polyneuropathy in various districts of Japan. <i>Japanese Journal of Medicine</i> , 1987 , 26, 189-93		1
2	Nitric oxide-dependent hypotensive effects of adrenomedullin in rats 1996 , 37, 55		1
1	GENERAL SESSION. <i>Acta Histochemica Et Cytochemica</i> , 1984 , 17, 691-701	1.9	

