

# Kazuo Kitamura

## List of Publications by Year in descending order

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139  
papers

4,042  
citations

159525

30  
h-index

123376

61  
g-index

148  
all docs

148  
docs citations

148  
times ranked

2707  
citing authors

#	ARTICLE	IF	CITATIONS
1	Distribution and characterization of immunoreactive adrenomedullin in human tissue and plasma. FEBS Letters, 1994, 338, 6-10.	1.3	503
2	Immunoreactive adrenomedullin in human plasma. FEBS Letters, 1994, 341, 288-290.	1.3	270
3	Distribution and characterization of immunoreactive rat adrenomedullin in tissue and plasma. FEBS Letters, 1994, 352, 105-108.	1.3	254
4	Adrenomedullin, an Endogenous Peptide, Counteracts Cardiovascular Damage. Circulation, 2002, 105, 106-111.	1.6	224
5	Rational Engineering of XCaMPs, a Multicolor GECI Suite for In Vivo Imaging of Complex Brain Circuit Dynamics. Cell, 2019, 177, 1346-1360.e24.	13.5	199
6	Adrenomedullin: A Possible Autocrine or Paracrine Inhibitor of Hypertrophy of Cardiomyocytes. Hypertension, 1998, 31, 505-510.	1.3	164
7	Adrenomedullin. Arteriosclerosis, Thrombosis, and Vascular Biology, 2005, 25, 2480-2487.	1.1	143
8	Identification and hypotensive activity of proadrenomedullin N-terminal 20 peptide (PAMP). FEBS Letters, 1994, 351, 35-37.	1.3	136
9	Complete amino acid sequence of porcine adrenomedullin and cloning of cDNA encoding its precursor. FEBS Letters, 1994, 338, 306-310.	1.3	109
10	Adrenomedullin and PAMP: Discovery, structures, and cardiovascular functions. Microscopy Research and Technique, 2002, 57, 3-13.	1.2	105
11	An autocrine or a paracrine role of adrenomedullin in modulating cardiac fibroblast growth. Cardiovascular Research, 1999, 43, 958-967.	1.8	104
12	BIOLOGICAL AND CLINICAL ROLES OF ADRENOMEDULLIN IN CIRCULATION CONTROL AND CARDIOVASCULAR DISEASES. Clinical and Experimental Pharmacology and Physiology, 1999, 26, 371-380.	0.9	83
13	Patchwork-Type Spontaneous Activity in Neonatal Barrel Cortex Layer 4 Transmitted via Thalamocortical Projections. Cell Reports, 2018, 22, 123-135.	2.9	74
14	Adrenomedullin Administration Immediately After Myocardial Infarction Ameliorates Progression of Heart Failure in Rats. Circulation, 2004, 110, 426-431.	1.6	72
15	Novel distribution of adrenomedullin-immunoreactive cells in human tissues. Histochemistry and Cell Biology, 1999, 112, 185-191.	0.8	70
16	Enhanced Adrenomedullin Production by Mechanical Stretching in Cultured Rat Cardiomyocytes. Hypertension, 2000, 35, 1210-1214.	1.3	64
17	Bench-to-bedside pharmacology of adrenomedullin. European Journal of Pharmacology, 2015, 764, 140-148.	1.7	64
18	Ca <sup>2+</sup> -dependent cosecretion of adrenomedullin and catecholamines mediated by nicotinic receptors in bovine cultured adrenal medullary cells. FEBS Letters, 1994, 348, 61-64.	1.3	58

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19	Adrenomedullin. <i>Drugs</i> , 1995, 49, 485-495.	4.9	54
20	Adrenomedullin in Patients With Cerebral Vasospasm After Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2000, 31, 3079-3083.	1.0	54
21	Adrenomedullin: Changes in Circulating and Cardiac Tissue Concentration in Dahl Salt-Sensitive Rats on a High-Salt Diet. <i>Clinical and Experimental Hypertension</i> , 1996, 18, 949-961.	0.5	51
22	HYPOTENSIVE EFFECT OF CHRONICALLY INFUSED ADRENOMEDULLIN IN CONSCIOUS WISTAR-KYOTO AND SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997, 24, 139-142.	0.9	43
23	Plasma Adrenomedullin Levels in Patients with Non-Insulin Dependent Diabetes Mellitus: Close Relationships with Diabetic Complications.. <i>Endocrine Journal</i> , 1998, 45, 241-246.	0.7	43
24	HAEMODYNAMIC RESPONSES TO RAT ADRENOMEDULLIN IN ANAESTHETIZED SPONTANEOUSLY HYPERTENSIVE RATS. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1995, 22, 614-618.	0.9	36
25	Malignant Pheochromocytoma with Multiple Hepatic Metastases Treated by Chemotherapy and Transcatheter Arterial Embolization.. <i>Internal Medicine</i> , 1999, 38, 349-354.	0.3	35
26	Adrenomedullin: Continuing to explore cardioprotection. <i>Peptides</i> , 2019, 111, 47-54.	1.2	35
27	Central actions of adrenomedullin on cardiovascular parameters and sympathetic outflow in conscious rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1998, 274, R979-R984.	0.9	33
28	Adrenomedullin Therapy in Patients with Refractory Ulcerative Colitis: A Case Series. <i>Digestive Diseases and Sciences</i> , 2016, 61, 872-880.	1.1	33
29	Biosynthesis and Secretion of Adrenomedullin and Proadrenomedullin N-Terminal 20 Peptide in a Rat Model of Endotoxin Shock.. <i>Hypertension Research</i> , 2001, 24, 543-549.	1.5	32
30	Adrenomedullin in the gastrointestinal tract. Distribution and gene expression in rat and augmented gastric adrenomedullin after fasting. <i>Journal of Gastroenterology</i> , 1998, 33, 828-834.	2.3	31
31	Marked increase of guanylin secretion in response to salt loading in the rat small intestine. <i>American Journal of Physiology - Renal Physiology</i> , 1999, 277, G960-G966.	1.6	30
32	Diastolic wall stress and ANG II in cardiac hypertrophy and gene expression induced by volume overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2000, 279, H2939-H2946.	1.5	30
33	Urine podocyte mRNAs mark disease activity in IgA nephropathy. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 1140-1150.	0.4	29
34	Plasma Adrenomedullin Is Closely Correlated with Pulse Wave Velocity in Middle-Aged and Elderly Patients. <i>Hypertension Research</i> , 2003, 26, 887-893.	1.5	29
35	Differential hormonal profiles of adrenomedullin and proadrenomedullin nâ€terminal 20 peptide in patients with heart failure and effect of treatment on their plasma levels. <i>Clinical Cardiology</i> , 1999, 22, 113-117.	0.7	28
36	Increased plasma levels of the mature and intermediate forms of adrenomedullin in obesity. <i>Regulatory Peptides</i> , 2009, 158, 127-131.	1.9	28

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37	Purification and characterization of PAMP-12 (PAMP[9-20]) in porcine adrenal medulla as a major endogenous biologically active peptide. <i>FEBS Letters</i> , 1997, 414, 105-110.	1.3	27
38	A physiological role for adrenomedullin in rats; a potent hypotensive peptide in the hypothalamo-neurohypophysial system. <i>Experimental Physiology</i> , 2000, 85, 163s-169s.	0.9	26
39	EFFECT OF EXERCISE ON PLASMA ADRENOMEDULLIN AND NATRIURETIC PEPTIDE LEVELS IN MYOCARDIAL INFARCTION. <i>Clinical and Experimental Pharmacology and Physiology</i> , 1997, 24, 315-320.	0.9	25
40	Anti-inflammatory Effects of PEGylated Human Adrenomedullin in a Mouse DSS-induced Colitis Model. <i>Drug Development Research</i> , 2017, 78, 129-134.	1.4	24
41	Cardiac hypertrophy is exacerbated in aged mice lacking the osteoprotegerin gene. <i>Cardiovascular Research</i> , 2016, 110, 62-72.	1.8	23
42	Interaction between cardiac myosin-binding protein C and formin Fhod3. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4386-E4395.	3.3	22
43	Changes in Cardiac Adrenomedullin Concentration in Renovascular Hypertensive Rats.. <i>Hypertension Research</i> , 1997, 20, 113-117.	1.5	22
44	Gender-related alterations in plasma adrenomedullin level and its correlation with body weight gain. <i>Endocrine Connections</i> , 2015, 4, 43-49.	0.8	21
45	Cyclic AMP-dependent synthesis and release of adrenomedullin and proadrenomedullin N-terminal 20 peptide in cultured bovine adrenal chromaffin cells. <i>FEBS Journal</i> , 1999, 263, 702-708.	0.2	20
46	&lt;p&gt;Safety, Tolerability, and Pharmacokinetics of Adrenomedullin in Healthy Males: A Randomized, Double-Blind, Phase 1 Clinical Trial&lt;/p&gt;. <i>Drug Design, Development and Therapy</i> , 2020, Volume 14, 1-11.	2.0	20
47	Elevation of circulating proadrenomedullin-N terminal 20-peptide in thyrotoxicosis. <i>Clinical Endocrinology</i> , 1997, 46, 271-274.	1.2	19
48	Maturation of Cerebellar Purkinje Cell Population Activity during Postnatal Refinement of Climbing Fiber Network. <i>Cell Reports</i> , 2017, 21, 2066-2073.	2.9	19
49	Nitric oxide-dependent hypotensive effects of adrenomedullin in rats. <i>Drug Development Research</i> , 1996, 37, 55-60.	1.4	18
50	Angiotensin II Stimulation of Cardiac Hypertrophy and Functional Decompensation in Osteoprotegerin-Deficient Mice. <i>Hypertension</i> , 2016, 67, 848-856.	1.3	18
51	Grading of Left Ventricular Diastolic Dysfunction with Preserved Systolic Function by the 2016 American Society of Echocardiography/European Association of Cardiovascular Imaging Recommendations Contributes to Predicting Cardiovascular Events in Hemodialysis Patients. <i>CardioRenal Medicine</i> , 2019, 9, 190-200.	0.7	18
52	The Cytokine Expression in Patients with Cardiac Complication after Immune Checkpoint Inhibitor Therapy. <i>Internal Medicine</i> , 2021, 60, 423-429.	0.3	18
53	Podocyte hypertrophic stress and detachment precedes hyperglycemia or albuminuria in a rat model of obesity and type2 diabetes-associated nephropathy. <i>Scientific Reports</i> , 2019, 9, 18485.	1.6	17
54	Antihypertensive Therapy Reduces Increased Plasma Levels of Adrenomedullin and Brain Natriuretic Peptide Concomitant with Regression of Left Ventricular Hypertrophy in a Patient with Malignant Hypertension.. <i>Hypertension Research</i> , 1996, 19, 97-101.	1.5	17

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55	Autoradiographic Studies on the Binding Sites of <sup>125</sup> I-Adrenomedullin in Rat Tissues.. Acta Histochemica Et Cytochemica, 1998, 31, 335-343.	0.8	16
56	Plasma levels of natriuretic peptides and development of chronic kidney disease. BMC Nephrology, 2015, 16, 171.	0.8	16
57	Improved hyperacuity estimation of spike timing from calcium imaging. Scientific Reports, 2020, 10, 17844.	1.6	15
58	Nitric oxide-associated relaxing effects of adrenomedullin in rat aorta. Drug Development Research, 1996, 38, 62-66.	1.4	14
59	Urinary podocyte and TGF- $\beta$ 1 mRNA as markers for disease activity and progression in anti-glomerular basement membrane nephritis. Nephrology Dialysis Transplantation, 2017, 32, 1818-1830.	0.4	14
60	Distribution and molecular forms of adrenomedullin and proadrenomedullin N-terminal 20 peptide in the porcine gastrointestinal tract. Journal of Gastroenterology, 2001, 36, 18-23.	2.3	13
61	Adrenomedullin for steroid-resistant ulcerative colitis: a randomized, double-blind, placebo-controlled phase-2a clinical trial. Journal of Gastroenterology, 2021, 56, 147-157.	2.3	13
62	Altered glucose metabolism and hypoxic response in alloxan-induced diabetic atherosclerosis in rabbits. PLoS ONE, 2017, 12, e0175976.	1.1	11
63	Effects of the selective chymase inhibitor TEL-00806 on the intrarenal renin-angiotensin system in salt-treated angiotensin II-infused hypertensive mice. Experimental Physiology, 2018, 103, 1524-1531.	0.9	11
64	Subcutaneously administered adrenomedullin exerts a potent therapeutic effect in a murine model of ulcerative colitis. Human Cell, 2019, 32, 12-21.	1.2	11
65	Relationship between Hemoglobin Levels Corrected by Interdialytic Weight Gain and Mortality in Japanese Hemodialysis Patients: Miyazaki Dialysis Cohort Study. PLoS ONE, 2017, 12, e0169117.	1.1	11
66	Impact of Age-Dependent Adventitia Inflammation on Structural Alteration of Abdominal Aorta in Hyperlipidemic Mice. PLoS ONE, 2014, 9, e105739.	1.1	10
67	Adrenomedullin: A Novel Therapy for Intractable Crohn's Disease with a Loss of Response to Infliximab. Internal Medicine, 2019, 58, 1573-1576.	0.3	9
68	Efficient screening of patients with aldosterone-producing adenoma using the ACTH stimulation test. Hypertension Research, 2019, 42, 801-806.	1.5	8
69	Intracellular glutamine level determines vascular smooth muscle cell-derived thrombogenicity. Atherosclerosis, 2021, 328, 62-73.	0.4	8
70	Inhibitory effects of two G protein-coupled receptor kinases on the cell surface expression and signaling of the human adrenomedullin receptor. Biochemical and Biophysical Research Communications, 2016, 470, 894-899.	1.0	7
71	Polyethylene glycol-conjugated human adrenomedullin as a possible treatment for vascular dementia. Peptides, 2019, 121, 170133.	1.2	7
72	Developments of human adrenomedullin-IgG1 Fc fusion proteins. Journal of Biochemistry, 2019, 166, 157-162.	0.9	7

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73	Urinary podocyte mRNA is a potent biomarker of anti-neutrophil cytoplasmic antibody-associated glomerulonephritis. <i>Clinical and Experimental Nephrology</i> , 2020, 24, 242-252.	0.7	7
74	Upregulated Kynurenine Pathway Enzymes in Aortic Atherosclerotic Aneurysm: Macrophage Kynureninase Downregulates Inflammation. <i>Journal of Atherosclerosis and Thrombosis</i> , 2021, 28, 1214-1240.	0.9	7
75	A Morphological Study on the Coronary Ostia In Human Autopsy Hearts. <i>Japanese Journal of Medicine</i> , 1977, 16, 205-214.	0.1	6
76	Primary Cardiac Leiomyosarcoma: A 27-Month Survival with Surgery and Chemotherapy. <i>Internal Medicine</i> , 2017, 56, 2145-2149.	0.3	6
77	Decrease in Circulating and Urine Adrenomedullin Concentrations in Stroke-Prone Spontaneously Hypertensive Rats.. <i>Hypertension Research</i> , 1998, 21, 23-28.	1.5	6
78	Experimental Studies on Medionecrosis of the Aorta. <i>International Heart Journal</i> , 1960, 1, 408-417.	0.6	6
79	Intracardiac Phonocardiography. <i>Tohoku Journal of Experimental Medicine</i> , 1954, 59, 307-313.	0.5	5
80	Glycaemic control is a predictor of infection-related hospitalization on haemodialysis patients: Miyazaki Dialysis Cohort Study (MID study). <i>Nephrology</i> , 2016, 21, 236-240.	0.7	5
81	Non-canonical Expression of Cardiac Troponin-T in Neuroendocrine Ethmoid Sinus Carcinoma Following Immune Checkpoint Blockade. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 124.	1.1	5
82	Questionnaire in patients with aborted sudden cardiac death due to coronary spasm in Japan. <i>Heart and Vessels</i> , 2020, 35, 1640-1649.	0.5	5
83	Pre- and Postdialysis Uric Acid Difference and Risk of Long-Term All-Cause and Cardiovascular Mortalities in Japanese Hemodialysis Patients; Miyazaki Dialysis Cohort Study. <i>Blood Purification</i> , 2019, 47, 50-55.	0.9	4
84	Study Protocol for a Randomized, Double-Blind, Placebo-Controlled, Phase-II Trial: AdrenoMedullin for Ischemic Stroke Study. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105761.	0.7	4
85	Atypical Aortic Coarctation with Resistant Hypertension Treated with Axilloiliac Artery Bypass.. <i>Hypertension Research</i> , 2000, 23, 247-249.	1.5	4
86	Advanced diffuse malignant peritoneal mesothelioma responding to palliative chemotherapy. <i>Clinical Journal of Gastroenterology</i> , 2012, 5, 373-376.	0.4	3
87	Blockade of the angiotensin II type 1 receptor increases bone mineral density and left ventricular contractility in a mouse model of juvenile Paget disease. <i>European Journal of Pharmacology</i> , 2019, 859, 172519.	1.7	3
88	Thrombin rapidly digests adrenomedullin: Synthesis of adrenomedullin analogs resistant to thrombin. <i>Biochemical and Biophysical Research Communications</i> , 2020, 529, 778-783.	1.0	3
89	Development of a novel AlphaLISA ImmunoAssay for Big angiotensin <sup>2</sup> . <i>Nephrology</i> , 2021, 26, 479-484.	0.7	3
90	AN AUTOPSY CASE OF THE OSTEOSARCOMA ORIGINATING FROM THE PULMONARY ARTERY. <i>The Journal of the Japanese Society of Internal Medicine</i> , 1983, 72, 1041-1049.	0.0	2

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91	Plasma Mature Form of Adrenomedullin in Diabetic Nephropathy. <i>Internal Medicine</i> , 2001, 40, 841-842.	0.3	2
92	$\beta$ -arrestins negatively control human adrenomedullin type 1-receptor internalization. <i>Biochemical and Biophysical Research Communications</i> , 2017, 487, 438-443.	1.0	2
93	A high-fat diet is deleterious to mice under glycolysis restriction. <i>Applied Physiology, Nutrition and Metabolism</i> , 2018, 43, 419-422.	0.9	2
94	Seasonal variation of novel arterial stiffness indexes in Japanese hypertensive patients. <i>Clinical and Experimental Hypertension</i> , 2019, 41, 670-674.	0.5	2
95	20 kDa PEGylated Adrenomedullin as a New Therapeutic Candidate for Inflammatory Bowel Disease. <i>Gastrointestinal Disorders</i> , 2020, 2, 366-377.	0.4	2
96	Activation of the reward system ameliorates passive cutaneous anaphylactic reaction in mice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020, 75, 3275-3279.	2.7	2
97	Differential effects of the formin inhibitor SMIFH2 on contractility and $Ca^{2+}$ handling in frog and mouse cardiomyocytes. <i>Genes To Cells</i> , 2021, 26, 583-595.	0.5	2
98	Plasma adrenomedullin level and year-by-year variability of body mass index in the general population. <i>Peptides</i> , 2021, 142, 170567.	1.2	2
99	A likely unavoidable clinical scenario during treatment for venous thromboembolism complicated with severe immune thrombocytopenia: A case report. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e04805.	0.2	2
100	Nitric oxide-dependent hypotensive effects of adrenomedullin in rats. <i>Drug Development Research</i> , 1996, 37, 55-60.	1.4	2
101	Activation of Calcitonin Gene-Related Peptide and Adrenomedullin Receptors by PEGylated Adrenomedullin. <i>Biological and Pharmaceutical Bulletin</i> , 2020, 43, 1799-1803.	0.6	2
102	The Effect of Pulmonary Hypertension on the Elastic Structure of the Pulmonary Trunk. <i>International Heart Journal</i> , 1966, 7, 136-153.	0.6	2
103	A Follow-Up Study of Acute Myocardial Infarction. <i>Juntendo J., Igaku</i> , 1980, 26, 310-318.	0.1	2
104	Pheochromocytoma Associated with Nocturnal Hypertension.. <i>Internal Medicine</i> , 1993, 32, 781-783.	0.3	1
105	$^{18}F$ -Fluorodeoxyglucose Positron Emission Tomography 10 Days Before Onset of Aortic Dissection. <i>Circulation Journal</i> , 2018, 82, 1213-1214.	0.7	1
106	Combined evaluation of plasma B-type natriuretic peptide and urinary liver-type fatty acid-binding protein/creatinine ratio is related to worsening renal function in patients undergoing elective percutaneous coronary intervention. <i>Clinical and Experimental Nephrology</i> , 2021, 25, 1319-1328.	0.7	1
107	A Statistical Study on the Relationship between Myocardial Infarction and Occupations Using the Annual of Pathological Autopsy Cases in Japan, 1980. <i>The Journal of Japan Atherosclerosis Society</i> , 1984, 12, 1315-1320.	0.0	1
108	Clinical Therapy in Patients with Aborted Sudden Cardiac Death due to Coronary Spasm. <i>Journal of Coronary Artery Disease</i> , 2020, 26, 91-99.	0.1	1





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127	Athletes Heart. Juntendo, Igaku, 1984, 30, 301-306.	0.1	0
128	Some Comments on Medical Education. Juntendo, Igaku, 1985, 31, 164-172.	0.1	0
129	Diffuse pulmonary hamartoangiomyomatosis associated with pneumothorax; a report of three cases.. The Journal of the Japanese Association for Chest Surgery, 1991, 5, 760-767.	0.0	0
130	Adrenomedullin and Proadrenomedullin N-Terminal 20 Peptide in Spontaneously Hypertensive Rat. International Heart Journal, 1996, 37, 561-561.	0.6	0
131	Hypotensive Effect of Chronically Infused Adrenomedullin in Conscious Wistar-Kyoto and Spontaneously Hypertensive Rats. International Heart Journal, 1997, 38, 567-567.	0.6	0
132	Decrease in Circulating and Urine Adrenomedullin Concentration in Stroke-Prone Spontaneously Hypertensive Rats. International Heart Journal, 1998, 39, 557-557.	0.6	0
133	Successful treatment of hepatic hydrothorax with pleurodesis in a hemodialysis patient. Nihon Toseki Igakkai Zasshi, 2016, 49, 511-516.	0.2	0
134	Abstract 550: Alteration of Glycolysis Metabolite Levels and Impaired Hypoxic Response in Diabetic Atherosclerosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, .	1.1	0
135	A Case of Primary Aldosteronism Faced Difficulty in Diagnosis by Anomalous Adrenal Vein Drainage. The Journal of the Japanese Society of Internal Medicine, 2017, 106, 1632-1639.	0.0	0
136	Usefulness of electrocardiographic changes in accurate and urgent diagnosis of pulmonary embolism due to renal cell carcinoma. Health Evaluation and Promotion, 2018, 45, 589-592.	0.0	0
137	Iron deficiency anemia with thrombocytosis on a health checkup. Health Evaluation and Promotion, 2020, 47, 516-518.	0.0	0
138	A case of a leukocytosis diagnosed as chronic myeloid leukemia on a health checkup. Health Evaluation and Promotion, 2020, 47, 523-526.	0.0	0
139	The usefulness of plasma levels of mature and total adrenomedullin as biomarkers indicating the magnitude of surgical stress responses: A single-center, prospective, observational study. Journal of Clinical and Translational Research, 2021, 7, 302-310.	0.3	0