Naoto Minamino

List of Publications by Year
in descending order

55 papers	6,369 citations	236833 25 h-index	161767 54 g-index
57 all docs	57 docs citations	57 times ranked	2936 citing authors

#	Article	IF	Citations
1	A new natriuretic peptide in porcine brain. Nature, 1988, 332, 78-81.	13.7	1,750
2	Primary structure and expression from complementary DNA of skeletal muscle ryanodine receptor. Nature, 1989, 339, 439-445.	13.7	1,157
3	C-Type natriuretic peptide (CNP): A new member of natriuretic peptide family identified in porcine brain. Biochemical and Biophysical Research Communications, 1990, 168, 863-870.	1.0	1,022
4	Primary structure of the Î±-subunit of transducin and its relationship to ras proteins. Nature, 1985, 315, 242-245.	13.7	307
5	Cloning and sequence analysis of cDNA encoding a precursor for human brain natriuretic peptide. Biochemical and Biophysical Research Communications, 1989, 159, 1427-1434.	1.0	233
6	Brain natriuretic peptide is a novel cardiac hormone. Biochemical and Biophysical Research Communications, 1989, 158, 360-368.	1.0	225
7	Identification of rat Î³ atrial natriuretic polypeptide and characterization of the cDNA encoding its precursor. Nature, 1984, 312, 152-155.	13.7	224
8	Primary structure of the Î²-subunit of bovine transducin deduced from the cDNA sequence. FEBS Letters, 1985, 191, 235-240.	1.3	153
9	Distribution and characterization of immunoreactive porcine C-type natriuretic peptide. Biochemical and Biophysical Research Communications, 1991, 175, 759-767.	1.0	112
10	Characterization of immunoreactive human C-type natriuretic peptide in brain and heart. Biochemical and Biophysical Research Communications, 1991, 179, 535-542.	1.0	101
11	Calcitonin Receptor-stimulating Peptide, a New Member of the Calcitonin Gene-related Peptide Family. Journal of Biological Chemistry, 2003, 278, 12046-12054.	1.6	91
12	Isolation and identification of human brain natriuretic peptides in cardiac atrium. Biochemical and Biophysical Research Communications, 1990, 167, 693-700.	1.0	83
13	Distribution and molecular forms of brain natriuretic peptide in the central nervous system, heart and peripheral tissue of rat. Biochemical and Biophysical Research Communications, 1989, 165, 880-887.	1.0	78
14	Natriuretic peptides in human heart: Novel insight into their molecular forms, functions, and diagnostic use. Peptides, 2019, 111, 3-17.	1.2	61
15	Chronic Administration of Adrenomedullin Attenuates Transition From Left Ventricular Hypertrophy to Heart Failure in Rats. Hypertension, 2003, 42, 1034-1041.	1.3	56
16	Endothelium-Derived C-Type Natriuretic Peptide Contributes to Blood Pressure Regulation by Maintaining Endothelial Integrity. Hypertension, 2017, 69, 286-296.	1.3	55
17	Direct Immunochemiluminescent Assay for proBNP and Total BNP in Human Plasma proBNP and Total BNP Levels in Normal and Heart Failure. PLoS ONE, 2013, 8, e53233.	1.1	54
18	MiR30â€GALNT1/2 Axisâ€Mediated Glycosylation Contributes to the Increased Secretion of Inactive Human Prohormone for Brain Natriuretic Peptide (proBNP) From Failing Hearts. Journal of the American Heart Association, 2017, 6, .	1.6	53

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19	A New Secretory Peptide of Natriuretic Peptide Family, Osteocrin, Suppresses the Progression of Congestive Heart Failure After Myocardial Infarction. Circulation Research, 2018, 122, 742-751.	2.0	53
20	Identification of alpha atrial natriuretic peptide [4â€“28] and [5â€“28] in porcine brain. Biochemical and Biophysical Research Communications, 1987, 149, 1055-1062.	1.0	46
21	Circulating osteocrin stimulates bone growth by limiting C-type natriuretic peptide clearance. Journal of Clinical Investigation, 2017, 127, 4136-4147.	3.9	43
22	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-R649.	0.9	39
23	Impaired Recovery of Blood Flow After Hind-Limb Ischemia in Mice Lacking Guanylyl Cyclase-A, a Receptor for Atrial and Brain Natriuretic Peptides. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 1516-1521.	1.1	37
24	Aberrant Glycosylation in the Left Ventricle and Plasma of Rats with Cardiac Hypertrophy and Heart Failure. PLoS ONE, 2016, 11, e0150210.	1.1	37
25	Mechanical load regulates bone growth via periosteal Osteocrin. Cell Reports, 2021, 36, 109380.	2.9	29
26	Porcine brain natriuretic peptide, another modulator of bovine adrenocortical steroidogenesis. FEBS Letters, 1988, 236, 455-461.	1.3	23
27	Concentration and molecular forms of brain natriuretic peptide in rat plasma and spinal cord. Biochemical and Biophysical Research Communications, 1991, 177, 40-47.	1.0	23
28	Immunocytochemical demonstration of dynorphin(PH-8P)-like immunoreactive elements in the human hypothalamus. Journal of Comparative Neurology, 1988, 276, 508-513.	0.9	20
29	Ratio of pro-B-type natriuretic peptide (BNP) to total BNP is decreased in mild, but not severe, acute decompensated heart failure patients: A novel compensatory mechanism for acute heart failure. International Journal of Cardiology, 2018, 258, 165-171.	0.8	16
30	Change in the NTâ€proBNP/Mature BNP Molar Ratio Precedes Worsening Renal Function in Patients With Acute Heart Failure: A Novel Predictor Candidate for Cardiorenal Syndrome. Journal of the American Heart Association, 2019, 8, e011468.	1.6	16
31	Direct chemiluminescent enzyme immunoassay for atrial natriuretic peptide in mammalian plasma using a PEGylated antibody. Analytical Biochemistry, 2014, 461, 10-16.	1.1	14
32	Three molecular forms of atrial natriuretic peptides: quantitative analysis and biological characterization. Journal of Peptide Science, 2017, 23, 486-495.	0.8	13
33	Maternal biomarkers for fetal heart failure in fetuses with congenital heart defects or arrhythmias. American Journal of Obstetrics and Gynecology, 2019, 220, 104.e1-104.e15.	0.7	12
34	Characterization of atrial natriuretic peptide in urine from rats treated with a neutral endopeptidase inhibitor. Biochemical and Biophysical Research Communications, 1992, 182, 1270-1276.	1.0	11
35	NATRIURETIC AND HYPOTENSIVE EFFECTS OF BRAIN NATRIURETIC PEPTIDE IN ANAESTHETIZED DOCA-SALT HYPERTENSIVE RATS. Clinical and Experimental Pharmacology and Physiology, 1989, 16, 185-190.	0.9	10
36	Wisteria floribunda agglutinin staining for the quantitative assessment of cardiac fibrogenic activity in a mouse model of dilated cardiomyopathy. Laboratory Investigation, 2019, 99, 1749-1765.	1.7	10

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37	Discovery of novel biomarkers for atherosclerotic aortic aneurysm through proteomics-based assessment of disease progression. Scientific Reports, 2020, 10, 6429.	1.6	10
38	Deficiency of Cardiac Natriuretic Peptide Signaling Promotes Peripartum Cardiomyopathy-Like Remodeling in the Mouse Heart. Circulation, 2020, 141, 571-588.	1.6	9
39	The Effects of Super-Flux (High Performance) Dialyzer on Plasma Glycosylated Pro-B-Type Natriuretic Peptide (proBNP) and Glycosylated N-Terminal proBNP in End-Stage Renal Disease Patients on Dialysis. PLoS ONE, 2014, 9, e92314.	1.1	9
40	Lipidomic signatures of aortic media from patients with atherosclerotic and nonatherosclerotic aneurysms. Scientific Reports, 2019, 9, 15472.	1.6	8
41	Significance of Atrial and Brain Natriuretic Peptide Measurements in Fetuses With Heart Failure. Frontiers in Physiology, 2021, 12, 654356.	1.3	7
42	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.	0.6	6
43	Geniposidic acid upregulates atrial natriuretic peptide secretion and lowers blood pressure in spontaneously hypertensive rats. Journal of Functional Foods, 2018, 40, 634-638.	1.6	6
44	Amniotic Fluid Natriuretic Peptide Levels in Fetuses With Congenital Heart Defects or Arrhythmias. Circulation Journal, 2018, 82, 2619-2626.	0.7	6
45	Metabolism of atrial and brain natriuretic peptides in the fetoplacental circulation of fetuses with congenital heart diseases. Placenta, 2019, 83, 26-32.	0.7	5
46	Superiority of proatrial natriuretic peptide in the prognostic power in patients with acute decompensated heart failure on hospital admission: comparison with B-type natriuretic peptide and other natriuretic peptide forms. Open Heart, 2019, 6, e001072.	0.9	5
47	Local Action of Neprilysin Exacerbates Pressure Overload Induced Cardiac Remodeling. Hypertension, 2021, 77, 1931-1939.	1.3	5
48	Molecular ratio of mature Bâ€type natriuretic peptide in acute heart failure: an indicator for ventricular contractile recovery. ESC Heart Failure, 2021, 8, 5617-5621.	1.4	5
49	Endothelial Natriuretic Peptide Receptor 1 Play Crucial Role for Acute and Chronic Blood Pressure Regulation by Atrial Natriuretic Peptide. Hypertension, 2022, 79, 1409-1422.	1.3	5
50	Multiomics approach to identify novel biomarkers for dilated cardiomyopathy: Proteome and transcriptome analyses of 4C30 dilated cardiomyopathy mouse model. Biopolymers, 2016, 106, 491-502.	1.2	4
51	Plasma natriuretic peptide levels reflect the status of the heart failure in fetuses with arrhythmia. Journal of Maternal-Fetal and Neonatal Medicine, 2021, 34, 1883-1889.	0.7	3
52	A new biomarker of cardiac resynchronization therapy response: cGMP to mature BNP ratio. Journal of Cardiology, 2022, 79, 727-733.	0.8	3
53	Renal nerve blunts natriuretic and diuretic response to atrial natriuretic peptide in conscious rabbits.. The Japanese Journal of Physiology, 1989, 39, 931-941.	0.9	2
54	GENERAL SESSION. Acta Histochemica Et Cytochemica, 1984, 17, 691-701.	0.8	0

#	Article	IF	Citations
55	Utility of perinatal natriuretic peptide for predicting neonatal heart failure. Pediatrics International, 2022, 64, .	0.2	0