Kazufumi Nakamura

List of Publications by Year
in descending order

105	3,272	172457	168389
papers	citations	29 h-index	53 g-index

108	108	108	4359
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibitory Effects of Antioxidants on Neonatal Rat Cardiac Myocyte Hypertrophy Induced by Tumor Necrosis Factor-Î± and Angiotensin II. Circulation, 1998, 98, 794-799.	1.6	483
2	Carvedilol Decreases Elevated Oxidative Stress in Human Failing Myocardium. Circulation, 2002, 105, 2867-2871.	1.6	259
3	A Decreased Level of Serum Soluble Klotho Is an Independent Biomarker Associated with Arterial Stiffness in Patients with Chronic Kidney Disease. PLoS ONE, 2013, 8, e56695.	2.5	167
4	Relationship between arrhythmogenesis and disease activity in cardiac sarcoidosis. Heart Rhythm, 2007, 4, 1292-1299.	0.7	166
5	Elevated Levels of Oxidative DNA Damage in Serum and Myocardium of Patients With Heart Failure. Circulation Journal, 2006, 70, 1001-1005.	1.6	90
6	Postprandial hyperlipidemia as a potential residual risk factor. Journal of Cardiology, 2016, 67, 335-339.	1.9	84
7	Outcomes in Patients With High-Degree Atrioventricular Block as the Initial Manifestation of Cardiac Sarcoidosis. American Journal of Cardiology, 2015, 115, 505-509.	1.6	71
8	Alogliptin ameliorates postprandial lipemia and postprandial endothelial dysfunction in non- diabetic subjects: a preliminary report. Cardiovascular Diabetology, 2013, 12, 8.	6.8	66
9	Ezetimibe improves postprandial hyperlipemia and its induced endothelial dysfunction. Atherosclerosis, 2011, 217, 486-491.	0.8	64
10	Relationship Between Oxidative Stress and Systolic Dysfunction in Patients With Hypertrophic Cardiomyopathy. Journal of Cardiac Failure, 2005, 11, 117-123.	1.7	63
11	Prednisolone Inhibits Proliferation of Cultured Pulmonary Artery Smooth Muscle Cells of Patients With Idiopathic Pulmonary Arterial Hypertension. Circulation, 2005, 112, 1806-1812.	1.6	62
12	Marked Hemodynamic Improvements by High-Dose Epoprostenol Therapy in Patients With Idiopathic Pulmonary Arterial Hypertension. Circulation Journal, 2010, 74, 2200-2205.	1.6	59
13	Pro-apoptotic effects of imatinib on PDGF-stimulated pulmonary artery smooth muscle cells from patients with idiopathic pulmonary arterial hypertension. International Journal of Cardiology, 2012, 159, 100-106.	1.7	54
14	Effect of vildagliptin, a dipeptidyl peptidase 4 inhibitor, on cardiac hypertrophy induced by chronic beta-adrenergic stimulation in rats. Cardiovascular Diabetology, 2014, 13, 43.	6.8	54
15	Beta-Blockers and Oxidative Stress in Patients with Heart Failure. Pharmaceuticals, 2011, 4, 1088-1100.	3.8	52
16	Characterization of the Bone Morphogenetic Protein (BMP) System in Human Pulmonary Arterial Smooth Muscle Cells Isolated from a Sporadic Case of Primary Pulmonary Hypertension: Roles of BMP Type IB Receptor (Activin Receptor-Like Kinase-6) in the Mitotic Action. Endocrinology, 2004, 145, 4344-4354.	2.8	48
17	Omega-3 fatty acids improve postprandial lipemia and associated endothelial dysfunction in healthy individuals â€“ a randomized cross-over trial. Biomedicine and Pharmacotherapy, 2014, 68, 1071-1077.	5.6	48
18	Pathophysiology and Treatment of Diabetic Cardiomyopathy and Heart Failure in Patients with Diabetes Mellitus. International Journal of Molecular Sciences, 2022, 23, 3587.	4.1	48

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19	Epoprostenol Therapy Decreases Elevated Circulating Levels of Monocyte Chemoattractant Protein-1 in Patients With Primary Pulmonary Hypertension. Circulation Journal, 2004, 68, 227-231.	1.6	46
20	Comparison of effects of sitagliptin and voglibose on left ventricular diastolic dysfunction in patients with type 2 diabetes: results of the 3D trial. Cardiovascular Diabetology, 2015, 14, 83.	6.8	46
21	Manumycin A, Inhibitor of ras Farnesyltransferase, Inhibits Proliferation and Migration of Rat Vascular Smooth Muscle Cells. Biochemical and Biophysical Research Communications, 1999, 264, 915-920.	2.1	45
22	4-Hydroxy-2-nonenal Induces Calcium Overload via the Generation of Reactive Oxygen Species in Isolated Rat Cardiac Myocytes. Journal of Cardiac Failure, 2009, 15, 709-716.	1.7	42
23	Carvedilol Inhibits Proliferation of Cultured Pulmonary Artery Smooth Muscle Cells of Patients with Idiopathic Pulmonary Arterial Hypertension. Journal of Cardiovascular Pharmacology, 2006, 47, 250-255.	1.9	39
24	Fulminant Eosinophilic Myocarditis Associated With Visceral Larva Migrans Caused by Toxocara Canis Infection. Circulation Journal, 2009, 73, 1344-1348.	1.6	37
25	Effect of Luseogliflozin on Heart Failure With Preserved Ejection Fraction in Patients With Diabetes Mellitus. Journal of the American Heart Association, 2020, 9, e015103.	3.7	37
26	Different sizes of centrilobular ground-glass opacities in chest high-resolution computed tomography of patients with pulmonary veno-occlusive disease and patients with pulmonary capillary hemangiomatosis. Cardiovascular Pathology, 2013, 22, 287-293.	1.6	33
27	Enhancement of Spontaneous Activity by HCN4 Overexpression in Mouse Embryonic Stem Cell-Derived Cardiomyocytes - A Possible Biological Pacemaker. PLoS ONE, 2015, 10, e0138193.	2.5	33
28	Impact of Hypertriglyceridemia on Endothelial Dysfunction During Statin Â± Ezetimibe Therapy in Patients With Coronary Heart Disease. American Journal of Cardiology, 2011, 108, 333-339.	1.6	32
29	Delivery of Imatinib-Incorporated Nanoparticles into Lungs Suppresses the Development of Monocrotaline-Induced Pulmonary Arterial Hypertension. International Heart Journal, 2015, 56, 354-359.	1.0	31
30	Modern treatment to reduce pulmonary arterial pressure in pulmonary arterial hypertension. Journal of Cardiology, 2018, 72, 466-472.	1.9	30
31	Direct Evidence for Increased Hydroxyl Radicals in Angiotensin II-induced Cardiac Hypertrophy through Angiotensin II Type 1a Receptor. Journal of Cardiovascular Pharmacology, 2003, 42, S67-S70.	1.9	28
32	Inhibitory Effects of Simvastatin on Platelet-derived Growth Factor Signaling in Pulmonary Artery Smooth Muscle Cells From Patients With Idiopathic Pulmonary Arterial Hypertension. Journal of Cardiovascular Pharmacology, 2010, 55, 39-48.	1.9	27
33	Increased Passive Stiffness of Cardiomyocytes in the Transverse Direction and Residual Actin and Myosin Cross-Bridge Formation in Hypertrophied Rat Hearts Induced by Chronic Î²-Adrenergic Stimulation. Circulation Journal, 2013, 77, 741-748.	1.6	26
34	Intratracheal Administration of Prostacyclin Analogueâ€“incorporated Nanoparticles Ameliorates the Development of Monocrotaline and Sugen-Hypoxia-induced Pulmonary Arterial Hypertension. Journal of Cardiovascular Pharmacology, 2016, 67, 290-298.	1.9	26
35	Role of smooth muscle cell p53 in pulmonary arterial hypertension. PLoS ONE, 2019, 14, e0212889.	2.5	26
36	Three-Dimensional Structure of Pulmonary Capillary Vessels in Patients With Pulmonary Hypertension. Circulation, 2010, 121, 2151-2153.	1.6	24

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37	Atrial electrophysiological and structural remodeling in high-risk patients with Brugada syndrome: Assessment with electrophysiology and echocardiography. Heart Rhythm, 2010, 7, 218-224.	0.7	24
38	Prostaglandin I2 induces apoptosis via upregulation of Fas ligand in pulmonary artery smooth muscle cells from patients with idiopathic pulmonary arterial hypertension. International Journal of Cardiology, 2013, 165, 499-505.	1.7	24
39	Epoprostenol sodium for treatment of pulmonary arterial hypertension. Vascular Health and Risk Management, 2015, 11, 265.	2.3	24
40	Early and frequent defibrillator discharge in patients with cardiac sarcoidosis compared with patients with idiopathic dilated cardiomyopathy. International Journal of Cardiology, 2017, 240, 302-306.	1.7	23
41	Crucial role of RAGE in inappropriate increase of smooth muscle cells from patients with pulmonary arterial hypertension. PLoS ONE, 2018, 13, e0203046.	2.5	23
42	Inhibitory Effects of Tofogliflozin on Cardiac Hypertrophy in Dahl Salt-Sensitive and Salt-Resistant Rats Fed a High-Fat Diet. International Heart Journal, 2019, 60, 728-735.	1.0	23
43	Eicosapentaenoic acid prevents arterial calcification in klotho mutant mice. PLoS ONE, 2017, 12, e0181009.	2.5	23
44	Incremental prognostic value of non-alcoholic fatty liver disease over coronary computed tomography angiography findings in patients with suspected coronary artery disease. European Journal of Preventive Cardiology, 2022, 28, 2059-2066.	1.8	22
45	Bezafibrate improves postprandial hypertriglyceridemia and associated endothelial dysfunction in patients with metabolic syndrome: a randomized crossover study. Cardiovascular Diabetology, 2014, 13, 71.	6.8	21
46	Nanoparticle-Mediated Drug Delivery System for Pulmonary Arterial Hypertension. Journal of Clinical Medicine, 2017, 6, 48.	2.4	21
47	Reverse Right Ventricular Remodeling After Lung Transplantation in Patients With Pulmonary Arterial Hypertension Under Combination Therapy of Targeted Medical Drugs. Circulation Journal, 2017, 81, 383-390.	1.6	20
48	Molecular Mechanisms of Cardiac Amyloidosis. International Journal of Molecular Sciences, 2022, 23, 25.	4.1	20
49	Effects of Combined Treatment with Angiotensin II Type 1 Receptor Blocker and Statin on Stent Restenosis. Journal of Cardiovascular Pharmacology, 2009, 53, 179-186.	1.9	19
50	Clinical features of and effects of angiotensin system antagonists on amiodarone-induced pulmonary toxicity. International Journal of Cardiology, 2010, 140, 328-335.	1.7	19
51	Suppression of Wnt Signaling and Osteogenic Changes in Vascular Smooth Muscle Cells by Eicosapentaenoic Acid. Nutrients, 2017, 9, 858.	4.1	18
52	Decrease in oxidized high-density lipoprotein is associated with slowed progression of coronary artery calcification: Subanalysis of a prospective multicenter study. Atherosclerosis, 2019, 283, 1-6.	0.8	18
53	Hepatitis C Virus Infection in a Patient With Dermatomyositis and Left Ventricular Dysfunction. Japanese Circulation Journal, 2000, 64, 617-618.	1.0	17
54	Association between coronary artery calcification and left ventricular diastolic dysfunction in elderly people. Heart and Vessels, 2016, 31, 499-507.	1.2	17

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55	Effect of Intensive and Standard Pitavastatin Treatment With or Without Eicosapentaenoic Acid on Progression of Coronary Artery Calcification Over 12 Monthsã€€â€• Prospective Multicenter Study â€•. Circulation Journal, 2018, 82, 532-540.	1.6	16
56	Current Treatment Strategies and Nanoparticle-Mediated Drug Delivery Systems for Pulmonary Arterial Hypertension. International Journal of Molecular Sciences, 2019, 20, 5885.	4.1	16
57	TRPM4 Mutation in Patients With Ventricular Noncompaction and Cardiac Conduction Disease. Circulation Genomic and Precision Medicine, 2018, 11, e002103.	3.6	15
58	Relationship between circulating levels of monocyte chemoattractant protein-1 and systolic dysfunction in patients with hypertrophic cardiomyopathy. Cardiovascular Pathology, 2009, 18, 317-322.	1.6	14
59	Altered nano/micro-order elasticity of pulmonary artery smooth muscle cells of patients with idiopathic pulmonary arterial hypertension. International Journal of Cardiology, 2010, 140, 102-107.	1.7	14
60	Higher oxidized high-density lipoprotein to apolipoprotein A-I ratio is associated with high-risk coronary plaque characteristics determined by CT angiography. International Journal of Cardiology, 2021, 324, 193-198.	1.7	14
61	Clinical characteristics of responders to treatment with tolvaptan in patients with acute decompensated heart failure: Importance of preserved kidney size. Journal of Cardiology, 2016, 67, 177-183.	1.9	13
62	Clinical outcomes of patients with isolated cardiac sarcoidosis confirmed by clinical diagnostic criteria. International Journal of Cardiology, 2021, 345, 49-53.	1.7	13
63	Cardiac erosion after catheter closure of atrial septal defect: Septal malalignment may be a novel risk factor for erosion. Journal of Cardiology Cases, 2014, 9, 134-137.	0.5	12
64	Prognostic significance of endothelial dysfunction in patients undergoing percutaneous coronary intervention in the era of drug-eluting stents. BMC Cardiovascular Disorders, 2015, 15, 102.	1.7	11
65	Combination therapy with pemafibrate (K-877) and pitavastatin improves vascular endothelial dysfunction in dahl/salt-sensitive rats fed a high-salt and high-fat diet. Cardiovascular Diabetology, 2020, 19, 149.	6.8	11
66	Elevated oxidative stress is associated with ventricular fibrillation episodes in patients with Brugada-type electrocardiogram without SCN5A mutation. Cardiovascular Pathology, 2011, 20, e37-e42.	1.6	10
67	Progression of pulmonary artery dilatation in patients with pulmonary hypertension coexisting with a pulmonary artery aneurysm. Journal of Cardiology, 2018, 71, 517-522.	1.9	10
68	LCZ696 ameliorates doxorubicin-induced cardiomyocyte toxicity in rats. Scientific Reports, 2022, 12, 4930.	3.3	10
69	Relationship Between Electrocardiographic Features and Distribution of Hypertrophy in Patients With Hypertrophic Cardiomyopathy. Japanese Circulation Journal, 1998, 62, 483-488.	1.0	9
70	Constitutively active form of natriuretic peptide receptor 2 ameliorates experimental pulmonary arterial hypertension. Molecular Therapy - Methods and Clinical Development, 2016, 3, 16044.	4.1	9
71	Treat-and-repair strategy is a feasible therapeutic choice in adult patients with severe pulmonary arterial hypertension associated with a ventricular septal defect: case series. European Heart Journal - Case Reports, 2018, 2, yty033.	0.6	9
72	HCN4-Overexpressing Mouse Embryonic Stem Cell-Derived Cardiomyocytes Generate a New Rapid Rhythm in Rats with Bradycardia. International Heart Journal, 2018, 59, 601-606.	1.0	9

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73	Successful Transition From Phosphodiesterase-5 Inhibitors to Riociguat Without a Washout Period in Patients With Pulmonary Arterial Hypertension and Chronic Thromboembolic Pulmonary Hypertension: A Pilot Cohort Study. Heart Lung and Circulation, 2020, 29, 331-336.	0.4	9
74	Association between Occupational Dysfunction and Metabolic Syndrome in Community-Dwelling Japanese Adults in a Cross-Sectional Study: Ibara Study. International Journal of Environmental Research and Public Health, 2018, 15, 2575.	2.6	8
75	Effects of Eicosapentaenoic Acid on Arterial Calcification. International Journal of Molecular Sciences, 2020, 21, 5455.	4.1	8
76	New Appearance of Fragmented QRS as a Predictor of Ventricular Arrhythmic Events in Patients With Hypertrophic Cardiomyopathy. Circulation Journal, 2020, 84, 487-494.	1.6	8
77	Pathological and clinical effects of interleukin-6 on human myocarditis. Journal of Cardiology, 2021, 78, 157-165.	1.9	8
78	Effects of Bisoprolol Transdermal Patches for Prevention of Perioperative Myocardial Injury in High-Risk Patients Undergoing Non-Cardiac Surgeryã€€â€• Multicenter Randomized Controlled Study â€•. Circulation Journal, 2020, 84, 642-649.	1.6	7
79	Reverse remodeling of pulmonary arteries by high-dose prostaglandin I2 therapy: A case report. Journal of Cardiology Cases, 2014, 9, 173-176.	0.5	6
80	Marked Reduction of Pulmonary Artery Pressure After Registration for Lung Transplantation Is Associated With Long-Term Survival in Patients With Pulmonary Arterial Hypertensionã€€â€• Cohort Study â€•. Circulation Journal, 2020, 84, 245-251.	1.6	6
81	Pemafibrate Prevents Rupture of Angiotensin II-Induced Abdominal Aortic Aneurysms. Frontiers in Cardiovascular Medicine, 0, 9, .	2.4	6
82	Circulating KCNH2 Current-Activating Factor in Patients with Heart Failure and Ventricular Tachyarrhythmia. PLoS ONE, 2011, 6, e19897.	2.5	5
83	Electron Microscopy Revealed Massive Lipid Droplets in Cardiomyocytes in a Patient with Cardiogenic Shock Following a Fulminant Type 1 Diabetes Mellitus. International Heart Journal, 2021, 62, 197-200.	1.0	5
84	Inhibitory effects of RAGE-aptamer on development of monocrotaline-induced pulmonary arterial hypertension in rats. Journal of Cardiology, 2021, 78, 12-16.	1.9	5
85	Fragmented QRS as a predictor of cardiac events in patients with cardiac sarcoidosis. Journal of Cardiology, 2022, 79, 446-452.	1.9	5
86	Cytokine Reducing Effect of Azelnidipine in Human Peripheral Blood Mononuclear Cells. Biological and Pharmaceutical Bulletin, 2010, 33, 1148-1151.	1.4	4
87	Epicardially placed implantable cardioverter-defibrillator for a child with congenital long QT syndrome. Journal of Arrhythmia, 2017, 33, 237-239.	1.2	4
88	Emerging Role of Coronary Computed Tomography Angiography in Lipid-Lowering Therapy: a Bridge to Image-Guided Personalized Medicine. Current Cardiology Reports, 2019, 21, 72.	2.9	4
89	Differences in extracellular fluid volume between acute heart failure patients with and without high systolic blood pressure. ESC Heart Failure, 2022, 9, 3358-3366.	3.1	4
90	Celsior preserves cardiac mechano-energetics better than University of Wisconsin solution by preventing oxidative stress. Interactive Cardiovascular and Thoracic Surgery, 2016, 22, 168-175.	1.1	3

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91	Effects of Dual Initial Combination Therapy With Macitentan Plus Riociguat or Macitentan Plus Selexipag on Hemodynamics in Patients With Pulmonary Arterial Hypertension (SETOUCHI-PH Study)ã€€â€• Protocol of a Multicenter Randomized Control Trial â€•. Circulation Reports, 2021, 3, 105-109.	1.0	3
92	Preventative effects of bisoprolol transdermal patches on postoperative atrial fibrillation in high-risk patients undergoing non-cardiac surgery: A subanalysis of the MAMACARI study. Journal of Cardiology, 2021, 78, 349-354.	1.9	3
93	Enhancement of pacing function by HCN4 overexpression in human pluripotent stem cell-derived cardiomyocytes. Stem Cell Research and Therapy, 2022, 13, 141.	5.5	3
94	Innovative clinical pathway shortened the length of hospital stay and prevented readmission in patients with acute decompensated heart failure. Journal of Cardiology, 2022, 80, 232-239.	1.9	3
95	Are Adrenergic Receptor Blockers Effective or Contraindicated in Pulmonary Arterial Hypertension?. Circulation Journal, 2009, 73, 2212-2213.	1.6	2
96	Improvement of lung function and pulmonary hypertension after pulmonary aneurysm repair: case series. Pulmonary Circulation, 2019, 9, 1-4.	1.7	2
97	Efficacy of shear wave elastography for evaluating right ventricular myocardial fibrosis in monocrotaline-induced pulmonary hypertension rats. Journal of Cardiology, 2021, 78, 17-23.	1.9	2
98	Usefulness of acute pulmonary vasoreactivity test of sildenafil in treatment of portopulmonary hypertension. A case report. Journal of Cardiology Cases, 2011, 4, e31-e33.	0.5	1
99	The optimal amount of salt intake. Hypertension Research, 2019, 42, 752-753.	2.7	1
100	Construction of Mouseâ€Embryonicâ€Cellâ€Derived 3D Pacemaker Tissues by Layerâ€byâ€Layer Nanofilm Coating. ChemNanoMat, 2016, 2, 466-471.	2.8	0
101	Effects of reduction of pressure overload on right ventricular function in patients with Eisenmenger syndrome. Journal of Cardiology, 2017, 69, 739-740.	1.9	0
102	Medical and surgical management of a pulmonary hypertensive adult patient with unrepaired complex congenital heart disease: a case report. Journal of Congenital Cardiology, 2020, 4, .	0.5	0
103	Micro-mechanical function analysis of reversible immortalized human aortic endothelial cells(Cellular & Tissue Engineering). The Proceedings of the Asian Pacific Conference on Biomechanics Emerging Science and Technology in Biomechanics, 2004, 2004.1, 81-82.	0.0	0
104	Antibiotics Treatment for Cardiac Sarcoidosis: J-ACNES trial. The Japanese Journal of Sarcoidosis and Other Granulomatous Disorders, 2018, 38, 34-39.	0.1	0
105	Quantification of Lung Perfusion Blood Volume in Dual-Energy Computed Tomography in Patients with Pulmonary Hypertension. Life, 2022, 12, 684.	2.4	0