

# Kazufumi Nakamura

## List of Publications by Year in descending order

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Version: 2024-02-01

105  
papers

3,272  
citations

172457

29  
h-index

168389

53  
g-index

108  
all docs

108  
docs citations

108  
times ranked

4359  
citing authors

#	ARTICLE	IF	CITATIONS
1	Incremental prognostic value of non-alcoholic fatty liver disease over coronary computed tomography angiography findings in patients with suspected coronary artery disease. <i>European Journal of Preventive Cardiology</i> , 2022, 28, 2059-2066.	1.8	22
2	Fragmented QRS as a predictor of cardiac events in patients with cardiac sarcoidosis. <i>Journal of Cardiology</i> , 2022, 79, 446-452.	1.9	5
3	Pathophysiology and Treatment of Diabetic Cardiomyopathy and Heart Failure in Patients with Diabetes Mellitus. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3587.	4.1	48
4	Enhancement of pacing function by HCN4 overexpression in human pluripotent stem cell-derived cardiomyocytes. <i>Stem Cell Research and Therapy</i> , 2022, 13, 141.	5.5	3
5	Molecular Mechanisms of Cardiac Amyloidosis. <i>International Journal of Molecular Sciences</i> , 2022, 23, 25.	4.1	20
6	LCZ696 ameliorates doxorubicin-induced cardiomyocyte toxicity in rats. <i>Scientific Reports</i> , 2022, 12, 4930.	3.3	10
7	Innovative clinical pathway shortened the length of hospital stay and prevented readmission in patients with acute decompensated heart failure. <i>Journal of Cardiology</i> , 2022, 80, 232-239.	1.9	3
8	Quantification of Lung Perfusion Blood Volume in Dual-Energy Computed Tomography in Patients with Pulmonary Hypertension. <i>Life</i> , 2022, 12, 684.	2.4	0
9	Differences in extracellular fluid volume between acute heart failure patients with and without high systolic blood pressure. <i>ESC Heart Failure</i> , 2022, 9, 3358-3366.	3.1	4
10	Higher oxidized high-density lipoprotein to apolipoprotein A-I ratio is associated with high-risk coronary plaque characteristics determined by CT angiography. <i>International Journal of Cardiology</i> , 2021, 324, 193-198.	1.7	14
11	Electron Microscopy Revealed Massive Lipid Droplets in Cardiomyocytes in a Patient with Cardiogenic Shock Following a Fulminant Type 1 Diabetes Mellitus. <i>International Heart Journal</i> , 2021, 62, 197-200.	1.0	5
12	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) – Protocol of a Multicenter Randomized Control Trial. <i>Circulation Reports</i> , 2021, 3, 105-109.	1.0	3
13	Inhibitory effects of RAGE-aptamer on development of monocrotaline-induced pulmonary arterial hypertension in rats. <i>Journal of Cardiology</i> , 2021, 78, 12-16.	1.9	5
14	Efficacy of shear wave elastography for evaluating right ventricular myocardial fibrosis in monocrotaline-induced pulmonary hypertension rats. <i>Journal of Cardiology</i> , 2021, 78, 17-23.	1.9	2
15	Pathological and clinical effects of interleukin-6 on human myocarditis. <i>Journal of Cardiology</i> , 2021, 78, 157-165.	1.9	8
16	Preventative effects of bisoprolol transdermal patches on postoperative atrial fibrillation in high-risk patients undergoing non-cardiac surgery: A subanalysis of the MAMACARI study. <i>Journal of Cardiology</i> , 2021, 78, 349-354.	1.9	3
17	Clinical outcomes of patients with isolated cardiac sarcoidosis confirmed by clinical diagnostic criteria. <i>International Journal of Cardiology</i> , 2021, 345, 49-53.	1.7	13
18	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. <i>Heart Lung and Circulation</i> , 2020, 29, 331-336.	0.4	9

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19	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. <i>Cardiovascular Diabetology</i> , 2020, 19, 149.	6.8	11
20	Effects of Eicosapentaenoic Acid on Arterial Calcification. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5455.	4.1	8
21	Medical and surgical management of a pulmonary hypertensive adult patient with unrepaired complex congenital heart disease: a case report. <i>Journal of Congenital Cardiology</i> , 2020, 4, .	0.5	0
22	Effect of Luseogliflozin on Heart Failure With Preserved Ejection Fraction in Patients With Diabetes Mellitus. <i>Journal of the American Heart Association</i> , 2020, 9, e015103.	3.7	37
23	Effects of Bisoprolol Transdermal Patches for Prevention of Perioperative Myocardial Injury in High-Risk Patients Undergoing Non-Cardiac Surgeryâ€™â€™â€™ Multicenter Randomized Controlled Study â€™. <i>Circulation Journal</i> , 2020, 84, 642-649.	1.6	7
24	New Appearance of Fragmented QRS as a Predictor of Ventricular Arrhythmic Events in Patients With Hypertrophic Cardiomyopathy. <i>Circulation Journal</i> , 2020, 84, 487-494.	1.6	8
25	Marked Reduction of Pulmonary Artery Pressure After Registration for Lung Transplantation Is Associated With Long-Term Survival in Patients With Pulmonary Arterial Hypertensionâ€™â€™â€™ Cohort Study â€™. <i>Circulation Journal</i> , 2020, 84, 245-251.	1.6	6
26	Improvement of lung function and pulmonary hypertension after pulmonary aneurysm repair: case series. <i>Pulmonary Circulation</i> , 2019, 9, 1-4.	1.7	2
27	Emerging Role of Coronary Computed Tomography Angiography in Lipid-Lowering Therapy: a Bridge to Image-Guided Personalized Medicine. <i>Current Cardiology Reports</i> , 2019, 21, 72.	2.9	4
28	Inhibitory Effects of Tofogliflozin on Cardiac Hypertrophy in Dahl Salt-Sensitive and Salt-Resistant Rats Fed a High-Fat Diet. <i>International Heart Journal</i> , 2019, 60, 728-735.	1.0	23
29	Decrease in oxidized high-density lipoprotein is associated with slowed progression of coronary artery calcification: Subanalysis of a prospective multicenter study. <i>Atherosclerosis</i> , 2019, 283, 1-6.	0.8	18
30	Role of smooth muscle cell p53 in pulmonary arterial hypertension. <i>PLoS ONE</i> , 2019, 14, e0212889.	2.5	26
31	The optimal amount of salt intake. <i>Hypertension Research</i> , 2019, 42, 752-753.	2.7	1
32	Current Treatment Strategies and Nanoparticle-Mediated Drug Delivery Systems for Pulmonary Arterial Hypertension. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5885.	4.1	16
33	Progression of pulmonary artery dilatation in patients with pulmonary hypertension coexisting with a pulmonary artery aneurysm. <i>Journal of Cardiology</i> , 2018, 71, 517-522.	1.9	10
34	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. <i>European Heart Journal - Case Reports</i> , 2018, 2, yty033.	0.6	9
35	Association between Occupational Dysfunction and Metabolic Syndrome in Community-Dwelling Japanese Adults in a Cross-Sectional Study: Ibara Study. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2575.	2.6	8
36	Crucial role of RAGE in inappropriate increase of smooth muscle cells from patients with pulmonary arterial hypertension. <i>PLoS ONE</i> , 2018, 13, e0203046.	2.5	23

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37	HCN4-Overexpressing Mouse Embryonic Stem Cell-Derived Cardiomyocytes Generate a New Rapid Rhythm in Rats with Bradycardia. <i>International Heart Journal</i> , 2018, 59, 601-606.	1.0	9
38	<i>TRPM4</i> Mutation in Patients With Ventricular Noncompaction and Cardiac Conduction Disease. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002103.	3.6	15
39	Effect of Intensive and Standard Pitavastatin Treatment With or Without Eicosapentaenoic Acid on Progression of Coronary Artery Calcification Over 12 Months—Prospective Multicenter Study. <i>Circulation Journal</i> , 2018, 82, 532-540.	1.6	16
40	Modern treatment to reduce pulmonary arterial pressure in pulmonary arterial hypertension. <i>Journal of Cardiology</i> , 2018, 72, 466-472.	1.9	30
41	Antibiotics Treatment for Cardiac Sarcoidosis: J-ACNES trial. <i>The Japanese Journal of Sarcoidosis and Other Granulomatous Disorders</i> , 2018, 38, 34-39.	0.1	0
42	Epicardially placed implantable cardioverter-defibrillator for a child with congenital long QT syndrome. <i>Journal of Arrhythmia</i> , 2017, 33, 237-239.	1.2	4
43	Early and frequent defibrillator discharge in patients with cardiac sarcoidosis compared with patients with idiopathic dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2017, 240, 302-306.	1.7	23
44	Effects of reduction of pressure overload on right ventricular function in patients with Eisenmenger syndrome. <i>Journal of Cardiology</i> , 2017, 69, 739-740.	1.9	0
45	Nanoparticle-Mediated Drug Delivery System for Pulmonary Arterial Hypertension. <i>Journal of Clinical Medicine</i> , 2017, 6, 48.	2.4	21
46	Suppression of Wnt Signaling and Osteogenic Changes in Vascular Smooth Muscle Cells by Eicosapentaenoic Acid. <i>Nutrients</i> , 2017, 9, 858.	4.1	18
47	Reverse Right Ventricular Remodeling After Lung Transplantation in Patients With Pulmonary Arterial Hypertension Under Combination Therapy of Targeted Medical Drugs. <i>Circulation Journal</i> , 2017, 81, 383-390.	1.6	20
48	Eicosapentaenoic acid prevents arterial calcification in klotho mutant mice. <i>PLoS ONE</i> , 2017, 12, e0181009.	2.5	23
49	Construction of Mouse Embryonic Cell-Derived 3D Pacemaker Tissues by Layer-by-Layer Nanofilm Coating. <i>ChemNanoMat</i> , 2016, 2, 466-471.	2.8	0
50	Celsior preserves cardiac mechano-energetics better than University of Wisconsin solution by preventing oxidative stress. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2016, 22, 168-175.	1.1	3
51	Constitutively active form of natriuretic peptide receptor 2 ameliorates experimental pulmonary arterial hypertension. <i>Molecular Therapy - Methods and Clinical Development</i> , 2016, 3, 16044.	4.1	9
52	Association between coronary artery calcification and left ventricular diastolic dysfunction in elderly people. <i>Heart and Vessels</i> , 2016, 31, 499-507.	1.2	17
53	Intratracheal Administration of Prostacyclin Analogue Incorporated Nanoparticles Ameliorates the Development of Monocrotaline and Sugen-Hypoxia-Induced Pulmonary Arterial Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2016, 67, 290-298.	1.9	26
54	Postprandial hyperlipidemia as a potential residual risk factor. <i>Journal of Cardiology</i> , 2016, 67, 335-339.	1.9	84

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55	Clinical characteristics of responders to treatment with tolvaptan in patients with acute decompensated heart failure: Importance of preserved kidney size. <i>Journal of Cardiology</i> , 2016, 67, 177-183.	1.9	13
56	Prognostic significance of endothelial dysfunction in patients undergoing percutaneous coronary intervention in the era of drug-eluting stents. <i>BMC Cardiovascular Disorders</i> , 2015, 15, 102.	1.7	11
57	Comparison of effects of sitagliptin and voglibose on left ventricular diastolic dysfunction in patients with type 2 diabetes: results of the 3D trial. <i>Cardiovascular Diabetology</i> , 2015, 14, 83.	6.8	46
58	Enhancement of Spontaneous Activity by HCN4 Overexpression in Mouse Embryonic Stem Cell-Derived Cardiomyocytes - A Possible Biological Pacemaker. <i>PLoS ONE</i> , 2015, 10, e0138193.	2.5	33
59	Epoprostenol sodium for treatment of pulmonary arterial hypertension. <i>Vascular Health and Risk Management</i> , 2015, 11, 265.	2.3	24
60	Delivery of Imatinib-Incorporated Nanoparticles into Lungs Suppresses the Development of Monocrotaline-Induced Pulmonary Arterial Hypertension. <i>International Heart Journal</i> , 2015, 56, 354-359.	1.0	31
61	Outcomes in Patients With High-Degree Atrioventricular Block as the Initial Manifestation of Cardiac Sarcoidosis. <i>American Journal of Cardiology</i> , 2015, 115, 505-509.	1.6	71
62	Omega-3 fatty acids improve postprandial lipemia and associated endothelial dysfunction in healthy individuals â€” a randomized cross-over trial. <i>Biomedicine and Pharmacotherapy</i> , 2014, 68, 1071-1077.	5.6	48
63	Effect of vildagliptin, a dipeptidyl peptidase 4 inhibitor, on cardiac hypertrophy induced by chronic beta-adrenergic stimulation in rats. <i>Cardiovascular Diabetology</i> , 2014, 13, 43.	6.8	54
64	Bezafibrate improves postprandial hypertriglyceridemia and associated endothelial dysfunction in patients with metabolic syndrome: a randomized crossover study. <i>Cardiovascular Diabetology</i> , 2014, 13, 71.	6.8	21
65	Reverse remodeling of pulmonary arteries by high-dose prostaglandin I2 therapy: A case report. <i>Journal of Cardiology Cases</i> , 2014, 9, 173-176.	0.5	6
66	Cardiac erosion after catheter closure of atrial septal defect: Septal malalignment may be a novel risk factor for erosion. <i>Journal of Cardiology Cases</i> , 2014, 9, 134-137.	0.5	12
67	Prostaglandin I2 induces apoptosis via upregulation of Fas ligand in pulmonary artery smooth muscle cells from patients with idiopathic pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2013, 165, 499-505.	1.7	24
68	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. <i>Cardiovascular Pathology</i> , 2013, 22, 287-293.	1.6	33
69	Alogliptin ameliorates postprandial lipemia and postprandial endothelial dysfunction in non-diabetic subjects: a preliminary report. <i>Cardiovascular Diabetology</i> , 2013, 12, 8.	6.8	66
70	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. <i>Circulation Journal</i> , 2013, 77, 741-748.	1.6	26
71	A Decreased Level of Serum Soluble Klotho Is an Independent Biomarker Associated with Arterial Stiffness in Patients with Chronic Kidney Disease. <i>PLoS ONE</i> , 2013, 8, e56695.	2.5	167
72	Pro-apoptotic effects of imatinib on PDGF-stimulated pulmonary artery smooth muscle cells from patients with idiopathic pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2012, 159, 100-106.	1.7	54

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73	Elevated oxidative stress is associated with ventricular fibrillation episodes in patients with Brugada-type electrocardiogram without SCN5A mutation. <i>Cardiovascular Pathology</i> , 2011, 20, e37-e42.	1.6	10
74	Ezetimibe improves postprandial hyperlipemia and its induced endothelial dysfunction. <i>Atherosclerosis</i> , 2011, 217, 486-491.	0.8	64
75	Circulating KCNH2 Current-Activating Factor in Patients with Heart Failure and Ventricular Tachyarrhythmia. <i>PLoS ONE</i> , 2011, 6, e19897.	2.5	5
76	Impact of Hypertriglyceridemia on Endothelial Dysfunction During Statin ± Ezetimibe Therapy in Patients With Coronary Heart Disease. <i>American Journal of Cardiology</i> , 2011, 108, 333-339.	1.6	32
77	Usefulness of acute pulmonary vasoreactivity test of sildenafil in treatment of portopulmonary hypertension. A case report. <i>Journal of Cardiology Cases</i> , 2011, 4, e31-e33.	0.5	1
78	Beta-Blockers and Oxidative Stress in Patients with Heart Failure. <i>Pharmaceuticals</i> , 2011, 4, 1088-1100.	3.8	52
79	Inhibitory Effects of Simvastatin on Platelet-derived Growth Factor Signaling in Pulmonary Artery Smooth Muscle Cells From Patients With Idiopathic Pulmonary Arterial Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 55, 39-48.	1.9	27
80	Cytokine Reducing Effect of Azelnidipine in Human Peripheral Blood Mononuclear Cells. <i>Biological and Pharmaceutical Bulletin</i> , 2010, 33, 1148-1151.	1.4	4
81	Marked Hemodynamic Improvements by High-Dose Epoprostenol Therapy in Patients With Idiopathic Pulmonary Arterial Hypertension. <i>Circulation Journal</i> , 2010, 74, 2200-2205.	1.6	59
82	Three-Dimensional Structure of Pulmonary Capillary Vessels in Patients With Pulmonary Hypertension. <i>Circulation</i> , 2010, 121, 2151-2153.	1.6	24
83	Atrial electrophysiological and structural remodeling in high-risk patients with Brugada syndrome: Assessment with electrophysiology and echocardiography. <i>Heart Rhythm</i> , 2010, 7, 218-224.	0.7	24
84	Altered nano/micro-order elasticity of pulmonary artery smooth muscle cells of patients with idiopathic pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2010, 140, 102-107.	1.7	14
85	Clinical features of and effects of angiotensin system antagonists on amiodarone-induced pulmonary toxicity. <i>International Journal of Cardiology</i> , 2010, 140, 328-335.	1.7	19
86	4-Hydroxy-2-nonenal Induces Calcium Overload via the Generation of Reactive Oxygen Species in Isolated Rat Cardiac Myocytes. <i>Journal of Cardiac Failure</i> , 2009, 15, 709-716.	1.7	42
87	Relationship between circulating levels of monocyte chemoattractant protein-1 and systolic dysfunction in patients with hypertrophic cardiomyopathy. <i>Cardiovascular Pathology</i> , 2009, 18, 317-322.	1.6	14
88	Effects of Combined Treatment with Angiotensin II Type 1 Receptor Blocker and Statin on Stent Restenosis. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 53, 179-186.	1.9	19
89	Are Adrenergic Receptor Blockers Effective or Contraindicated in Pulmonary Arterial Hypertension?. <i>Circulation Journal</i> , 2009, 73, 2212-2213.	1.6	2
90	Fulminant Eosinophilic Myocarditis Associated With Visceral Larva Migrans Caused by <i>Toxocara Canis</i> Infection. <i>Circulation Journal</i> , 2009, 73, 1344-1348.	1.6	37

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91	Relationship between arrhythmogenesis and disease activity in cardiac sarcoidosis. <i>Heart Rhythm</i> , 2007, 4, 1292-1299.	0.7	166
92	Elevated Levels of Oxidative DNA Damage in Serum and Myocardium of Patients With Heart Failure. <i>Circulation Journal</i> , 2006, 70, 1001-1005.	1.6	90
93	Carvedilol Inhibits Proliferation of Cultured Pulmonary Artery Smooth Muscle Cells of Patients with Idiopathic Pulmonary Arterial Hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 47, 250-255.	1.9	39
94	Prednisolone Inhibits Proliferation of Cultured Pulmonary Artery Smooth Muscle Cells of Patients With Idiopathic Pulmonary Arterial Hypertension. <i>Circulation</i> , 2005, 112, 1806-1812.	1.6	62
95	Relationship Between Oxidative Stress and Systolic Dysfunction in Patients With Hypertrophic Cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2005, 11, 117-123.	1.7	63
96	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. <i>Endocrinology</i> , 2004, 145, 4344-4354.	2.8	48
97	Epoprostenol Therapy Decreases Elevated Circulating Levels of Monocyte Chemoattractant Protein-1 in Patients With Primary Pulmonary Hypertension. <i>Circulation Journal</i> , 2004, 68, 227-231.	1.6	46
98	Micro-mechanical function analysis of reversible immortalized human aortic endothelial cells (Cellular & Tissue Engineering). <i>The Proceedings of the Asian Pacific Conference on Biomechanics Emerging Science and Technology in Biomechanics</i> , 2004, 2004.1, 81-82.	0.0	0
99	Direct Evidence for Increased Hydroxyl Radicals in Angiotensin II-induced Cardiac Hypertrophy through Angiotensin II Type 1a Receptor. <i>Journal of Cardiovascular Pharmacology</i> , 2003, 42, S67-S70.	1.9	28
100	Carvedilol Decreases Elevated Oxidative Stress in Human Failing Myocardium. <i>Circulation</i> , 2002, 105, 2867-2871.	1.6	259
101	Hepatitis C Virus Infection in a Patient With Dermatomyositis and Left Ventricular Dysfunction. <i>Japanese Circulation Journal</i> , 2000, 64, 617-618.	1.0	17
102	Manumycin A, Inhibitor of ras Farnesyltransferase, Inhibits Proliferation and Migration of Rat Vascular Smooth Muscle Cells. <i>Biochemical and Biophysical Research Communications</i> , 1999, 264, 915-920.	2.1	45
103	Inhibitory Effects of Antioxidants on Neonatal Rat Cardiac Myocyte Hypertrophy Induced by Tumor Necrosis Factor- $\alpha$ and Angiotensin II. <i>Circulation</i> , 1998, 98, 794-799.	1.6	483
104	Relationship Between Electrocardiographic Features and Distribution of Hypertrophy in Patients With Hypertrophic Cardiomyopathy. <i>Japanese Circulation Journal</i> , 1998, 62, 483-488.	1.0	9
105	Pemafibrate Prevents Rupture of Angiotensin II-Induced Abdominal Aortic Aneurysms. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	2.4	6