Tohru Minamino

List of Publications by Year
in descending order

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201	13,264	31902	23472
papers	citations	53 h-index	111 g-index

218	218	218	18390
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Endothelial Cell Senescence in Human Atherosclerosis. Circulation, 2002, 105, 1541-1544.	1.6	911
2	p53-induced inhibition of Hif-1 causes cardiac dysfunction during pressure overload. Nature, 2007, 446, 444-448.	13.7	809
3	A crucial role for adipose tissue p53 in the regulation of insulin resistance. Nature Medicine, 2009, 15, 1082-1087.	15.2	719
4	Physiological and pathological cardiac hypertrophy. Journal of Molecular and Cellular Cardiology, 2016, 97, 245-262.	0.9	700
5	Mechanical stress activates angiotensin II type 1 receptor without the involvement of angiotensin II. Nature Cell Biology, 2004, 6, 499-506.	4.6	615
6	G-CSF prevents cardiac remodeling after myocardial infarction by activating the Jak-Stat pathway in cardiomyocytes. Nature Medicine, 2005, 11, 305-311.	15.2	541
7	Vascular Cell Senescence. Circulation Research, 2007, 100, 15-26.	2.0	475
8	Common variants at SCN5A-SCN10A and HEY2 are associated with Brugada syndrome, a rare disease with high risk of sudden cardiac death. Nature Genetics, 2013, 45, 1044-1049.	9.4	467
9	Targeted expression of heme oxygenase-1 prevents the pulmonary inflammatory and vascular responses to hypoxia. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 8798-8803.	3.3	364
10	Akt negatively regulates the in vitro lifespan of human endothelial cells via a p53/p21-dependent pathway. EMBO Journal, 2004, 23, 212-220.	3.5	298
11	Complement C1q Activates Canonical Wnt Signaling and Promotes Aging-Related Phenotypes. Cell, 2012, 149, 1298-1313.	13.5	278
12	Angiotensin II Induces Premature Senescence of Vascular Smooth Muscle Cells and Accelerates the Development of Atherosclerosis via a p21-Dependent Pathway. Circulation, 2006, 114, 953-960.	1.6	262
13	Genetic Polymorphism of 5,10-Methylenetetrahydrofolate Reductase (MTHFR) as a Risk Factor for Coronary Artery Disease. Circulation, 1997, 95, 2032-2036.	1.6	227
14	DNA Damage Response and Metabolic Disease. Cell Metabolism, 2014, 20, 967-977.	7.2	203
15	IGFBP-4 is an inhibitor of canonical Wnt signalling required for cardiogenesis. Nature, 2008, 454, 345-349.	13.7	198
16	Excessive cardiac insulin signaling exacerbates systolic dysfunction induced by pressure overload in rodents. Journal of Clinical Investigation, 2010, 120, 1506-1514.	3.9	192
17	Ras Induces Vascular Smooth Muscle Cell Senescence and Inflammation in Human Atherosclerosis. Circulation, 2003, 108, 2264-2269.	1.6	191
18	Protective Role of SIRT1 in Diabetic Vascular Dysfunction. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 889-894.	1.1	191

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19	Hypoxia Extends the Life Span of Vascular Smooth Muscle Cells through Telomerase Activation. Molecular and Cellular Biology, 2001, 21, 3336-3342.	1.1	170
20	Critical Roles of Muscle-Secreted Angiogenic Factors in Therapeutic Neovascularization. Circulation Research, 2006, 98, 1194-1202.	2.0	170
21	p53-Induced Adipose Tissue Inflammation Is Critically Involved in the Development of Insulin Resistance in Heart Failure. Cell Metabolism, 2012, 15, 51-64.	7.2	151
22	Vascular Senescence in Cardiovascular and Metabolic Diseases. Frontiers in Cardiovascular Medicine, 2018, 5, 18.	1.1	150
23	Vascular cell senescence and vascular aging. Journal of Molecular and Cellular Cardiology, 2004, 36, 175-183.	0.9	136
24	Promotion of CHIP-Mediated p53 Degradation Protects the Heart From Ischemic Injury. Circulation Research, 2010, 106, 1692-1702.	2.0	126
25	Cardiomyocytes fuse with surrounding noncardiomyocytes and reenter the cell cycle. Journal of Cell Biology, 2004, 167, 351-363.	2.3	122
26	Brain-Derived Neurotrophic Factor Protects Against Cardiac Dysfunction After Myocardial Infarction via a Central Nervous Systemâ€“Mediated Pathway. Arteriosclerosis, Thrombosis, and Vascular Biology, 2012, 32, 1902-1909.	1.1	121
27	Cardiac 12/15 lipoxygenaseâ€“induced inflammation is involved in heart failure. Journal of Experimental Medicine, 2009, 206, 1565-1574.	4.2	115
28	Semaphorin3E-Induced Inflammation Contributes to Insulin Resistance in Dietary Obesity. Cell Metabolism, 2013, 18, 491-504.	7.2	114
29	Arachidonate 12/15-Lipoxygenaseâ€“Induced Inflammation and Oxidative Stress Are Involved in the Development of Diabetic Cardiomyopathy. Diabetes, 2015, 64, 618-630.	0.3	110
30	Phosphatidylinositol 3-Kinaseâ€“Akt Pathway Plays a Critical Role in Early Cardiomyogenesis by Regulating Canonical Wnt Signaling. Circulation Research, 2005, 97, 144-151.	2.0	108
31	Cellular Senescence Impairs Circadian Expression of Clock Genes In Vitro and In Vivo. Circulation Research, 2006, 98, 532-539.	2.0	108
32	Leukemia Inhibitory Factor Enhances Survival of Cardiomyocytes and Induces Regeneration of Myocardium After Myocardial Infarction. Circulation, 2003, 108, 748-753.	1.6	104
33	Reduced Nitric Oxide Causes Age-Associated Impairment of Circadian Rhythmicity. Circulation Research, 2008, 102, 607-614.	2.0	101
34	Cellular senescence in cardiac diseases. Journal of Cardiology, 2019, 74, 313-319.	0.8	101
35	p53/p66Shc-mediated signaling contributes to the progression of non-alcoholic steatohepatitis in humans and mice. Journal of Hepatology, 2012, 57, 837-843.	1.8	100
36	Hyperglycemia causes cellular senescence via a SGLT2- and p21-dependent pathway in proximal tubules in the early stage of diabetic nephropathy. Journal of Diabetes and Its Complications, 2014, 28, 604-611.	1.2	100

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37	Endothelin-Converting Enzyme Expression in the Rat Vascular Injury Model and Human Coronary Atherosclerosis. Circulation, 1997, 95, 221-230.	1.6	98
38	Regeneration of the endothelium as a novel therapeutic strategy for acute lung injury. Journal of Clinical Investigation, 2006, 116, 2316-2319.	3.9	98
39	Inhibition of Endothelial p53 Improves Metabolic Abnormalities Related to Dietary Obesity. Cell Reports, 2014, 7, 1691-1703.	2.9	95
40	Vascular aging: insights from studies on cellular senescence, stem cell aging, and progeroid syndromes. Nature Clinical Practice Cardiovascular Medicine, 2008, 5, 637-648.	3.3	92
41	Effects of flecainide on exercise-induced ventricular arrhythmias and recurrences in genotype-negative patients with catecholaminergic polymorphic ventricular tachycardia. Heart Rhythm, 2013, 10, 542-547.	0.3	88
42	Upregulation of Heat Shock Transcription Factor 1 Plays a Critical Role in Adaptive Cardiac Hypertrophy. Circulation Research, 2006, 99, 1411-1418.	2.0	87
43	Senolytic vaccination improves normal and pathological age-related phenotypes and increases lifespan in progeroid mice. Nature Aging, 2021, 1, 1117-1126.	5.3	87
44	Ca 2+ /Calmodulin-Dependent Kinase IIÎ´ Causes Heart Failure by Accumulation of p53 in Dilated Cardiomyopathy. Circulation, 2010, 122, 891-899.	1.6	81
45	Mechanisms of Telomerase Induction During Vascular Smooth Muscle Cell Proliferation. Circulation Research, 2001, 89, 237-243.	2.0	80
46	Long-Term Outcome of Therapeutic Neovascularization Using Peripheral Blood Mononuclear Cells for Limb Ischemia. Circulation: Cardiovascular Interventions, 2009, 2, 245-254.	1.4	79
47	Heat Shock Transcription Factor 1 Protects Cardiomyocytes From Ischemia/Reperfusion Injury. Circulation, 2003, 108, 3024-3030.	1.6	70
48	Haploinsufficiency of Akt1 Prolongs the Lifespan of Mice. PLoS ONE, 2013, 8, e69178.	1.1	69
49	Emerging issues in radiogenic cataracts and cardiovascular disease. Journal of Radiation Research, 2014, 55, 831-846.	0.8	69
50	Tumor Suppressor p53 Inhibits Systemic Autoimmune Diseases by Inducing Regulatory T Cells. Journal of Immunology, 2013, 191, 3614-3623.	0.4	67
51	ATF6 is important under both pathological and physiological states in the heart. Journal of Molecular and Cellular Cardiology, 2010, 49, 113-120.	0.9	65
52	Inhibition of Semaphorin As a Novel Strategy for Therapeutic Angiogenesis. Circulation Research, 2010, 106, 391-398.	2.0	64
53	Effect of Heme Oxygenase-1 Overexpression in Two Models of Lung Inflammation. Experimental Biology and Medicine, 2003, 228, 442-446.	1.1	60
54	p53-Induced inflammation exacerbates cardiac dysfunction during pressure overload. Journal of Molecular and Cellular Cardiology, 2015, 85, 183-198.	0.9	59

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55	Role of telomere in endothelial dysfunction in atherosclerosis. Current Opinion in Lipidology, 2002, 13, 537-543.	1.2	55
56	Genetics of Brugada syndrome. Journal of Human Genetics, 2016, 61, 57-60.	1.1	54
57	Angiogenesis, Cancer, and Vascular Aging. Frontiers in Cardiovascular Medicine, 2017, 4, 65.	1.1	52
58	Complement C1q-induced activation of Î²-catenin signalling causes hypertensive arterial remodelling. Nature Communications, 2015, 6, 6241.	5.8	51
59	Gene-Based Risk Stratification for Cardiac Disorders in LMNA Mutation Carriers. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	51
60	Vascular Endothelial Growth Factor Receptor-1 Regulates Postnatal Angiogenesis Through Inhibition of the Excessive Activation of Akt. Circulation Research, 2008, 103, 261-268.	2.0	48
61	Role of the central nervous system and adipose tissue BDNF/TrkB axes in metabolic regulation. Npj Aging and Mechanisms of Disease, 2015, 1, 15009.	4.5	47
62	A Crucial Role for CDC42 in Senescence-Associated Inflammation and Atherosclerosis. PLoS ONE, 2014, 9, e102186.	1.1	46
63	Peripheral-blood or bone-marrow mononuclear cells for therapeutic angiogenesis?. Lancet, The, 2002, 360, 2083-2084.	6.3	45
64	Prevalence and prognostic implications of malnutrition as defined by GLIM criteria in elderly patients with heart failure. Clinical Nutrition, 2021, 40, 4334-4340.	2.3	44
65	The Role of Vascular Cell Senescence in Atherosclerosis: Antisenescence as a Novel Therapeutic Strategy for Vascular Aging. Current Vascular Pharmacology, 2004, 2, 141-148.	0.8	43
66	Angiotensin II Type 1a Receptor Is Involved in Cell Infiltration, Cytokine Production, and Neovascularization in Infarcted Myocardium. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 664-670.	1.1	42
67	A role for circadian clock in metabolic disease. Hypertension Research, 2016, 39, 483-491.	1.5	40
68	Gamma-Aminobutyric Acid Signaling in Brown Adipose Tissue Promotes Systemic Metabolic Derangement in Obesity. Cell Reports, 2018, 24, 2827-2837.e5.	2.9	40
69	p53 plays a crucial role in endothelial dysfunction associated with hyperglycemia and ischemia. Journal of Molecular and Cellular Cardiology, 2019, 129, 105-117.	0.9	40
70	Boysenberry polyphenol inhibits endothelial dysfunction and improves vascular health. PLoS ONE, 2018, 13, e0202051.	1.1	39
71	Akt-Induced Cellular Senescence: Implication for Human Disease. Cell Cycle, 2004, 3, 447-449.	1.3	37
72	Notch activation mediates angiotensin II-induced vascular remodeling by promoting the proliferation and migration of vascular smooth muscle cells. Hypertension Research, 2013, 36, 859-865.	1.5	37

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73	Involvement of Telomerase Reverse Transcriptase in Heterochromatin Maintenance. Molecular and Cellular Biology, 2014, 34, 1576-1593.	1.1	36
74	Role of telomeres in vascular senescence. Frontiers in Bioscience - Landmark, 2008, 13, 2971.	3.0	34
75	Aortic carboxypeptidaseâ€“like protein, a WNT ligand, exacerbates nonalcoholic steatohepatitis. Journal of Clinical Investigation, 2018, 128, 1581-1596.	3.9	33
76	Metabolomic Analysis in Heart Failure. Circulation Journal, 2018, 82, 10-16.	0.7	32
77	Agonist-Independent Constitutive Activity of Angiotensin II Receptor Promotes Cardiac Remodeling in Mice. Hypertension, 2012, 59, 627-633.	1.3	31
78	Electrocardiographic abnormalities and risk of developing cardiac events in extracardiac sarcoidosis. International Journal of Cardiology, 2015, 189, 1-5.	0.8	29
79	Role of Jagged1 in Arterial Lesions After Vascular Injury. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 2000-2006.	1.1	27
80	Adipose tissue inflammation in diabetes and heart failure. Microbes and Infection, 2013, 15, 11-17.	1.0	26
81	Role of smooth muscle cell p53 in pulmonary arterial hypertension. PLoS ONE, 2019, 14, e0212889.	1.1	26
82	Notch Signaling Regulates the Lifespan of Vascular Endothelial Cells via a p16-Dependent Pathway. PLoS ONE, 2014, 9, e100359.	1.1	26
83	MerTK Expression and ERK Activation Are Essential for the Functional Maturation of Osteopontinâ€Producing Reparative Macrophages After Myocardial Infarction. Journal of the American Heart Association, 2020, 9, e017071.	1.6	25
84	Glycoprotein nonmetastatic melanoma protein B regulates lysosomal integrity and lifespan of senescent cells. Scientific Reports, 2022, 12, 6522.	1.6	24
85	Variants in the SCN5A Promoter Associated With Various Arrhythmia Phenotypes. Journal of the American Heart Association, 2016, 5, .	1.6	22
86	Catecholamine-Induced Senescence of Endothelial Cells and Bone Marrow Cells Promotes Cardiac Dysfunction in Mice. International Heart Journal, 2018, 59, 837-844.	0.5	22
87	Double outlet right ventricle demonstrated by multislice computed tomography. International Journal of Cardiology, 2007, 121, 218-220.	0.8	18
88	Role of Cellular Senescence in Lifestyle-Related Disease. Circulation Journal, 2010, 74, 2527-2533.	0.7	18
89	Inappropriate Expression of Hepcidin by Liver Congestion Contributes to Anemia and Relative Iron Deficiency. Journal of Cardiac Failure, 2014, 20, 268-277.	0.7	18
90	Elevated Endomyocardial Biopsy Macrophage-Related Markers in Intractable Myocardial Diseases. Inflammation, 2015, 38, 2288-2299.	1.7	18

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91	High Frequency of Early Repolarization and Brugada-Type Electrocardiograms in Hypercalcemia. , 2016, 21, 30-40.		18
92	Empagliflozin maintains capillarization and improves cardiac function in a murine model of left ventricular pressure overload. Scientific Reports, 2021, 11, 18384.	1.6	18
93	Progerin impairs vascular smooth muscle cell growth via the DNA damage response pathway. Oncotarget, 2017, 8, 34045-34056.	0.8	18
94	Role of Heat Shock Transcriptional Factor 1 and Heat Shock Proteins in Cardiac Hypertrophy. Trends in Cardiovascular Medicine, 2008, 18, 88-93.	2.3	17
95	SCN5A mutation associated with ventricular fibrillation, early repolarization, and concealed myocardial abnormalities. International Journal of Cardiology, 2013, 165, e21-e23.	0.8	17
96	Predictors of discordance between fractional flow reserve and resting full-cycle ratio in patients with coronary artery disease: Evidence from clinical practice. Journal of Cardiology, 2021, 77, 313-319.	0.8	17
97	Inhibition of dipeptidyl peptidase-4 ameliorates cardiac ischemia and systolic dysfunction by up-regulating the FGF-2/EGR-1 pathway. PLoS ONE, 2017, 12, e0182422.	1.1	17
98	Short QT syndrome in a boy diagnosed on screening for heart disease. Pediatrics International, 2014, 56, 774-776.	0.2	16
99	Cardiac mitofusin-1 is reduced in non-responding patients with idiopathic dilated cardiomyopathy. Scientific Reports, 2021, 11, 6722.	1.6	16
100	Differential predictive factors for cardiovascular events in patients with or without cancer history. Medicine (United States), 2019, 98, e17602.	0.4	15
101	Remarkable thickening of right atrial wall in subjects with cardiac amyloidosis complicated with sick sinus syndrome. International Journal of Cardiology, 2007, 119, 222-224.	0.8	14
102	Maintenance of Subcutaneous Fat Homeostasis Improves Systemic Metabolic Dysfunction in Obesity. Diabetes, 2015, 64, 3984-3986.	0.3	14
103	Hematopoietic insults damage bone marrow niche by activating p53 in vascular endothelial cells. Experimental Hematology, 2018, 63, 41-51.e1.	0.2	14
104	Characteristics of neoplastic cardiac tamponade and prognosis after pericardiocentesis: a single-center study of 113 consecutive cancer patients. International Journal of Clinical Oncology, 2015, 20, 872-877.	1.0	13
105	Manifestation of Latent Left Ventricular Outflow Tract Obstruction in the Acute Phase of Takotsubo Cardiomyopathy. Internal Medicine, 2016, 55, 3413-3420.	0.3	13
106	Dual Antiplatelet Therapy Guided by <i>CYP2C19</i> Polymorphisms after Implantation of Second-Generation Drug-Eluting Stents for Management of Acute Coronary Syndrome. International Heart Journal, 2018, 59, 21-26.	0.5	12
107	Percutaneous Coronary Intervention for a Patient with Left Main Coronary Compression Syndrome. Internal Medicine, 2018, 57, 1421-1424.	0.3	12
108	Burden of cardiovascular disease in Japanese cancer patients and survivors: a single cancer-center study in Niigata City. International Journal of Clinical Oncology, 2019, 24, 196-210.	1.0	12

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109	Sex differences in the prevalence and prognostic impact of physical frailty and sarcopenia among older patients with heart failure. Nutrition, Metabolism and Cardiovascular Diseases, 2022, 32, 365-372.	1.1	12
110	The effects of pure potassium channel blocker nifekalant and sodium channel blocker mexiletine on malignant ventricular tachyarrhythmias. Journal of Electrocardiology, 2017, 50, 277-281.	0.4	11
111	Cellular Senescence in Arterial Diseases. Journal of Lipid and Atherosclerosis, 2020, 9, 79.	1.1	11
112	Steroid-responsive thromboangiitis obliterans. Lancet, The, 2004, 364, 1098.	6.3	10
113	Efficacy of bepridil to prevent ventricular fibrillation in severe form of early repolarization syndrome. International Journal of Cardiology, 2014, 172, 519-522.	0.8	10
114	Liver Congestion in Heart Failure Contributes to Inappropriately Increased Serum Hepcidin despite Anemia. Tohoku Journal of Experimental Medicine, 2015, 235, 69-79.	0.5	10
115	Quantitative analysis ofPKP2and neighbouring genes in a patient with arrhythmogenic right ventricular cardiomyopathy caused by heterozygousPKP2deletion. Europace, 2017, 19, euw038.	0.7	10
116	Effects of Direct Oral Anticoagulants at the Peak Phase, Trough Phase, and After Vascular Injury. Journal of the American College of Cardiology, 2018, 71, 102-104.	1.2	10
117	The Impending Epidemic of Cardiovascular Diseases in Patients With Cancer in Japan. Circulation Journal, 2019, 83, 2191-2202.	0.7	10
118	Early repolarization and risk of lone atrial fibrillation. Journal of Cardiovascular Electrophysiology, 2019, 30, 565-568.	0.8	10
119	Association of phase angle with hospital-acquired functional decline in older patients undergoing cardiovascular surgery. Nutrition, 2021, 91-92, 111402.	1.1	10
120	The role of telomerase activation in the regulation of vascular smooth muscle cell proliferation. Drug News and Perspectives, 2003, 16, 211.	1.9	10
121	Impact of Lipoprotein(a) as a Residual Risk Factor in Long-Term Cardiovascular Outcomes in Patients With Acute Coronary Syndrome Treated With Statins. American Journal of Cardiology, 2022, 168, 11-16.	0.7	10
122	Application of Hematopoietic Cells to Therapeutic Angiogenesis. Current Pharmaceutical Design, 2006, 12, 557-563.	0.9	9
123	Pathological Role of Adipose Tissue Dysfunction in Cardio-Metabolic Disorders. International Heart Journal, 2015, 56, 255-259.	0.5	9
124	The pathological role of vascular aging in cardio-metabolic disorder. Inflammation and Regeneration, 2016, 36, 16.	1.5	9
125	Prognosis of Cancer Patients with Aortic Stenosis Under Optimal Cancer Therapies and Conservative Cardiac Treatments. International Heart Journal, 2018, 59, 750-758.	0.5	9
126	Placebo-Controlled, Double-Blind Study of Empagliflozin (EMPA) and Implantable Cardioverter-Defibrillator (EMPA-ICD) in Patients with TypeÂ2 Diabetes (T2DM): Rationale and Design. Diabetes Therapy, 2020, 11, 2739-2755.	1.2	9

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127	Effect of a Low-Intensity Pulsed Ultrasound Device, SX-1001, on Clinical Symptoms in Buerger Disease With Limb Ischemia. International Heart Journal, 2015, 56, 632-638.	0.5	8
128	Efficacy and Safety of a Novel Endothelin Receptor Antagonist, Macitentan, in Japanese Patients With Pulmonary Arterial Hypertension. Circulation Journal, 2016, 80, 1478-1483.	0.7	8
129	Future projection of cancer patients with cardiovascular disease in Japan by the year 2039: a pilot study. International Journal of Clinical Oncology, 2019, 24, 983-994.	1.0	8
130	Role of circulating molecules in age-related cardiovascular and metabolic disorders. Inflammation and Regeneration, 2022, 42, 2.	1.5	8
131	Cereblon contributes to cardiac dysfunction by degrading Cav1.2Î±. European Heart Journal, 2022, 43, 1973-1989.	1.0	8
132	Clinical features and predictors of patients with critical limb ischemia who responded to autologous mononuclear cell transplantation for therapeutic angiogenesis. Heart and Vessels, 2017, 32, 1099-1108.	0.5	7
133	Amlodipine Inhibits Vascular Cell Senescence and Protects Against Atherogenesis Through the Mechanism Independent of Calcium Channel Blockade. International Heart Journal, 2018, 59, 607-613.	0.5	7
134	Ultrasound-guided puncture reduces bleeding-associated complications, regardless of calcified plaque, after endovascular treatment of femoropopliteal lesions, especially using the antegrade procedure: A single-center study. PLoS ONE, 2021, 16, e0248416.	1.1	7
135	Coronary lipid-rich plaque characteristics in Japanese patients with acute coronary syndrome and stable angina: A near infrared spectroscopy and intravascular ultrasound study. IJC Heart and Vasculature, 2021, 33, 100747.	0.6	7
136	Comparison of diagnostic performance in on-site based CT-derived fractional flow reserve measurements. IJC Heart and Vasculature, 2021, 35, 100815.	0.6	7
137	Dipeptidyl peptidase-4 inhibitors reduced long-term cardiovascular risk in diabetic patients after percutaneous coronary intervention via insulin-like growth factor-1 axis. Scientific Reports, 2022, 12, 5129.	1.6	7
138	Gap Junctions Mediate the Spread of Ischemia-Reperfusion Injury. Circulation Journal, 2009, 73, 1591-1592.	0.7	6
139	A Mutant mRNA Expression in an Endomyocardial Biopsy Sample Obtained from a Patient with a Cardiac Variant of Fabry Disease Caused by a Novel Acceptor Splice Site Mutation in the Invariant AG of Intron 5 of the Î±-Galactosidase A Gene. Internal Medicine, 2013, 52, 777-780.	0.3	6
140	Augmentation of the J wave by rapid pacing in a patient with vasospastic angina. International Journal of Cardiology, 2014, 172, e111-e113.	0.8	6
141	Ventricular Rhythm and Hypotension in a Patient with Pheochromocytoma-induced Myocardial Damage and Reverse Takotsubo Cardiomyopathy. Internal Medicine, 2015, 54, 2343-2349.	0.3	6
142	Early repolarization and risk of arrhythmia events in long QT syndrome. International Journal of Cardiology, 2016, 223, 540-542.	0.8	6
143	In Vivo Tracking of Transplanted Mononuclear Cells Using Manganese-Enhanced Magnetic Resonance Imaging (MEMRI). PLoS ONE, 2011, 6, e25487.	1.1	6
144	Arm lean mass measured using dual-energy X-ray absorptiometry to predict mortality in older patients with heart failure. Archives of Gerontology and Geriatrics, 2022, 101, 104689.	1.4	6

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145	Aldosterone Does Not Contribute to Renal p21 Expression During the Development of Angiotensin II-Induced Hypertension in Mice. American Journal of Hypertension, 2012, 25, 354-358.	1.0	5
146	Role of Mutations in L-Type Calcium Channel Genes in Brugada Syndrome, Early Repolarization Syndrome, and Idiopathic Ventricular Fibrillation Associated With Right Bundle Branch Block. Circulation Journal, 2013, 77, 1689-1690.	0.7	5
147	Dynamic left ventricular outflow tract obstruction complicated with takotsubo cardiomyopathy: The acute phase of takotsubo cardiomyopathy manifests latent left ventricular outflow tract obstruction. Journal of Cardiology Cases, 2018, 18, 60-64.	0.2	5
148	Usefulness of Incorporating Hypochloremia into the Get With The Guidelinesâ€“Heart Failure Risk Model in Patients With Acute Heart Failure. American Journal of Cardiology, 2022, 162, 122-128.	0.7	5
149	Cell Therapy for Cardiovascular Diseases. Annals of Vascular Diseases, 2008, 1, 66-79.	0.2	4
150	p53-Induced Adipose Tissue Inflammation Is Critically Involved in the Development of Insulin Resistance in Heart Failure. Cell Metabolism, 2012, 15, 787.	7.2	4
151	Atrial Fibrillation in Patients with End-stage Kidney Disease on Dialysis. Internal Medicine, 2018, 57, 2285-2286.	0.3	4
152	Efficacy of Corticosteroid Treatment for Refractory Multivessel Vasospastic Coronary Angina with Hypereosinophilia. Internal Medicine, 2018, 57, 3111-3115.	0.3	4
153	Peptide vaccine for semaphorin3E ameliorates systemic glucose intolerance in mice with dietary obesity. Scientific Reports, 2019, 9, 3858.	1.6	4
154	Long-term treatment of pulmonary arterial hypertension with macitentan in Japanese patients. Current Medical Research and Opinion, 2020, 36, 921-928.	0.9	4
155	Long-term clinical outcomes and cause of death after endovascular treatment for femoropopliteal artery lesions. Journal of Cardiology, 2021, 77, 417-423.	0.8	4
156	Conservative treatment with an intra-aortic balloon pump to treat acute myocardial infarction due to spontaneous coronary artery dissection. Journal of Cardiology Cases, 2021, 23, 274-280.	0.2	4
157	Clinical and prognostic values of urinary alpha1-microglobulin as a tubular marker in acute heart failure. International Journal of Cardiology, 2021, 338, 115-120.	0.8	4
158	A phantom and in vivo simulation of coronary flow to calculate fractional flow reserve using a mesh-free model. International Journal of Cardiovascular Imaging, 2022, 38, 895-903.	0.7	4
159	Capillaries as a Therapeutic Target for Heart Failure. Journal of Atherosclerosis and Thrombosis, 2022, 29, 971-988.	0.9	4
160	Similarities and differences of clinical characteristics between Brugada syndrome and early repolarization syndrome. Journal of Arrhythmia, 2013, 29, 134-137.	0.5	3
161	Relative Refractoriness of Left Ventricular Contraction Underlies Human Tachycardiaâ€Induced Mechanical and Electrical Alternans. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 197-206.	0.5	3
162	Simultaneous Estimation of Gender Male and Atrial Fibrillation as Risk Factors for Adverse Outcomes Following Transcatheter Aortic Valve Implantation. Journal of Clinical Medicine, 2020, 9, 3963.	1.0	3

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163	A Case of J Wave Syndrome Due to Severe Hypercalcemia with Ventricular Fibrillation Storm and Successful Treatment of Isoproterenol Infusion. International Heart Journal, 2021, 62, 924-926.	0.5	3
164	Prognostic value of the optimal measurement location of on-site CT-derived fractional flow reserve. Journal of Cardiology, 2022, 80, 14-21.	0.8	3
165	Life-threatening ventricular arrhythmia and left ventricular dysfunction associated with anti-mitochondrial antibody-positive myositis: a case report. European Heart Journal - Case Reports, 2021, 5, ytab469.	0.3	3
166	Vascular cell senescence in human atherosclerosis. International Congress Series, 2004, 1262, 566-569.	0.2	2
167	Rare Variants in <i>ANK2</i> Associated With Various Inherited Arrhythmia Syndromes. Circulation Journal, 2016, 80, 2423-2424.	0.7	2
168	Aortic Regurgitation Presenting with Recurrent Detachment of a Prosthetic Valve, as the First Presenting Symptom of Cardiovascular BehÃ§et's Disease. Internal Medicine, 2018, 57, 823-827.	0.3	2
169	Forefront of Cardiac Rehabilitation in Japan. Juntendo Medical Journal, 2021, 67, 10-16.	0.1	2
170	Unstable angina complicated with dynamic left ventricular outflow tract obstruction. Journal of Cardiology Cases, 2021, 23, 181-188.	0.2	2
171	Identification of a novel therapeutic target in vascular dysfunction: a showcase of reverse and forward translational research linking bench to bedside. European Heart Journal, 2021, , .	1.0	2
172	Differing impact of phosphoglycerate mutase 1-deficiency on brown and white adipose tissue. IScience, 2022, 25, 104268.	1.9	2
173	Coronary flow disturbance assessed by vorticity as a cause of functionally significant stenosis. European Radiology, 2022, 32, 6859-6867.	2.3	2
174	Malfunction of Cardiac Resynchronization Therapy due to Subsequent Fracture of the Ring and Tip Conductors of a Co-radial Left Ventricular Bipolar Lead. Internal Medicine, 2013, 52, 1189-1193.	0.3	1
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