

Tohru Minamino

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

189
papers

10,499
citations

52
h-index

101
g-index

218
ext. papers

12,059
ext. citations

7.3
avg, IF

6.06
L-index

#	Paper	IF	Citations
189	Endothelial cell senescence in human atherosclerosis: role of telomere in endothelial dysfunction. <i>Circulation</i> , 2002 , 105, 1541-4	16.7	765
188	p53-induced inhibition of Hif-1 causes cardiac dysfunction during pressure overload. <i>Nature</i> , 2007 , 446, 444-8	50.4	696
187	A crucial role for adipose tissue p53 in the regulation of insulin resistance. <i>Nature Medicine</i> , 2009 , 15, 1082-7	50.5	559
186	Mechanical stress activates angiotensin II type 1 receptor without the involvement of angiotensin II. <i>Nature Cell Biology</i> , 2004 , 6, 499-506	23.4	534
185	G-CSF prevents cardiac remodeling after myocardial infarction by activating the Jak-Stat pathway in cardiomyocytes. <i>Nature Medicine</i> , 2005 , 11, 305-11	50.5	479
184	Physiological and pathological cardiac hypertrophy. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 97, 245-62	5.8	463
183	Vascular cell senescence: contribution to atherosclerosis. <i>Circulation Research</i> , 2007 , 100, 15-26	15.7	422
182	Common variants at SCN5A-SCN10A and HEY2 are associated with Brugada syndrome, a rare disease with high risk of sudden cardiac death. <i>Nature Genetics</i> , 2013 , 45, 1044-9	36.3	345
181	Targeted expression of heme oxygenase-1 prevents the pulmonary inflammatory and vascular responses to hypoxia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 8798-803	11.5	326
180	Akt negatively regulates the in vitro lifespan of human endothelial cells via a p53/p21-dependent pathway. <i>EMBO Journal</i> , 2004 , 23, 212-20	13	256
179	Angiotensin II induces premature senescence of vascular smooth muscle cells and accelerates the development of atherosclerosis via a p21-dependent pathway. <i>Circulation</i> , 2006 , 114, 953-60	16.7	217
178	Genetic polymorphism of 5,10-methylenetetrahydrofolate reductase (MTHFR) as a risk factor for coronary artery disease. <i>Circulation</i> , 1997 , 95, 2032-6	16.7	205
177	Complement C1q activates canonical Wnt signaling and promotes aging-related phenotypes. <i>Cell</i> , 2012 , 149, 1298-313	56.2	200
176	IGFBP-4 is an inhibitor of canonical Wnt signalling required for cardiogenesis. <i>Nature</i> , 2008 , 454, 345-9	50.4	171
175	Protective role of SIRT1 in diabetic vascular dysfunction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 889-94	9.4	169
174	Ras induces vascular smooth muscle cell senescence and inflammation in human atherosclerosis. <i>Circulation</i> , 2003 , 108, 2264-9	16.7	160
173	Critical roles of muscle-secreted angiogenic factors in therapeutic neovascularization. <i>Circulation Research</i> , 2006 , 98, 1194-202	15.7	156

172	Excessive cardiac insulin signaling exacerbates systolic dysfunction induced by pressure overload in rodents. <i>Journal of Clinical Investigation</i> , 2010 , 120, 1506-14	15.9	153
171	Hypoxia extends the life span of vascular smooth muscle cells through telomerase activation. <i>Molecular and Cellular Biology</i> , 2001 , 21, 3336-42	4.8	146
170	DNA damage response and metabolic disease. <i>Cell Metabolism</i> , 2014 , 20, 967-77	24.6	139
169	p53-induced adipose tissue inflammation is critically involved in the development of insulin resistance in heart failure. <i>Cell Metabolism</i> , 2012 , 15, 51-64	24.6	132
168	Vascular cell senescence and vascular aging. <i>Journal of Molecular and Cellular Cardiology</i> , 2004 , 36, 175-83	8.38	119
167	Promotion of CHIP-mediated p53 degradation protects the heart from ischemic injury. <i>Circulation Research</i> , 2010 , 106, 1692-702	15.7	109
166	Cardiomyocytes fuse with surrounding noncardiomyocytes and reenter the cell cycle. <i>Journal of Cell Biology</i> , 2004 , 167, 351-63	7.3	107
165	Vascular Senescence in Cardiovascular and Metabolic Diseases. <i>Frontiers in Cardiovascular Medicine</i> , 2018 , 5, 18	5.4	104
164	Cellular senescence impairs circadian expression of clock genes in vitro and in vivo. <i>Circulation Research</i> , 2006 , 98, 532-9	15.7	96
163	Phosphatidylinositol 3-kinase-Akt pathway plays a critical role in early cardiomyogenesis by regulating canonical Wnt signaling. <i>Circulation Research</i> , 2005 , 97, 144-51	15.7	96
162	Brain-derived neurotrophic factor protects against cardiac dysfunction after myocardial infarction via a central nervous system-mediated pathway. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 1902-9	9.4	95
161	Cardiac 12/15 lipoxygenase-induced inflammation is involved in heart failure. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1565-74	16.6	94
160	Leukemia inhibitory factor enhances survival of cardiomyocytes and induces regeneration of myocardium after myocardial infarction. <i>Circulation</i> , 2003 , 108, 748-53	16.7	92
159	Arachidonate 12/15-lipoxygenase-induced inflammation and oxidative stress are involved in the development of diabetic cardiomyopathy. <i>Diabetes</i> , 2015 , 64, 618-30	0.9	89
158	Semaphorin3E-induced inflammation contributes to insulin resistance in dietary obesity. <i>Cell Metabolism</i> , 2013 , 18, 491-504	24.6	87
157	Endothelin-converting enzyme expression in the rat vascular injury model and human coronary atherosclerosis. <i>Circulation</i> , 1997 , 95, 221-30	16.7	83
156	Regeneration of the endothelium as a novel therapeutic strategy for acute lung injury. <i>Journal of Clinical Investigation</i> , 2006 , 116, 2316-9	15.9	83
155	Vascular aging: insights from studies on cellular senescence, stem cell aging, and progeroid syndromes. <i>Nature Clinical Practice Cardiovascular Medicine</i> , 2008 , 5, 637-48		78

154	Reduced nitric oxide causes age-associated impairment of circadian rhythmicity. <i>Circulation Research</i> , 2008 , 102, 607-14	15.7	78
153	p53/p66Shc-mediated signaling contributes to the progression of non-alcoholic steatohepatitis in humans and mice. <i>Journal of Hepatology</i> , 2012 , 57, 837-43	13.4	77
152	Upregulation of heat shock transcription factor 1 plays a critical role in adaptive cardiac hypertrophy. <i>Circulation Research</i> , 2006 , 99, 1411-8	15.7	77
151	Ca ²⁺ /calmodulin-dependent kinase II δ causes heart failure by accumulation of p53 in dilated cardiomyopathy. <i>Circulation</i> , 2010 , 122, 891-9	16.7	73
150	Hyperglycemia causes cellular senescence via a SGLT2- and p21-dependent pathway in proximal tubules in the early stage of diabetic nephropathy. <i>Journal of Diabetes and Its Complications</i> , 2014 , 28, 604-11	3.2	72
149	Long-term outcome of therapeutic neovascularization using peripheral blood mononuclear cells for limb ischemia. <i>Circulation: Cardiovascular Interventions</i> , 2009 , 2, 245-54	6	71
148	Inhibition of endothelial p53 improves metabolic abnormalities related to dietary obesity. <i>Cell Reports</i> , 2014 , 7, 1691-1703	10.6	69
147	Mechanisms of telomerase induction during vascular smooth muscle cell proliferation. <i>Circulation Research</i> , 2001 , 89, 237-43	15.7	67
146	Effects of flecainide on exercise-induced ventricular arrhythmias and recurrences in genotype-negative patients with catecholaminergic polymorphic ventricular tachycardia. <i>Heart Rhythm</i> , 2013 , 10, 542-7	6.7	66
145	Heat shock transcription factor 1 protects cardiomyocytes from ischemia/reperfusion injury. <i>Circulation</i> , 2003 , 108, 3024-30	16.7	62
144	Cellular senescence in cardiac diseases. <i>Journal of Cardiology</i> , 2019 , 74, 313-319	3	56
143	Inhibition of semaphorin as a novel strategy for therapeutic angiogenesis. <i>Circulation Research</i> , 2010 , 106, 391-8	15.7	56
142	Emerging issues in radiogenic cataracts and cardiovascular disease. <i>Journal of Radiation Research</i> , 2014 , 55, 831-46	2.4	55
141	ATF6 is important under both pathological and physiological states in the heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2010 , 49, 113-20	5.8	55
140	Effect of heme oxygenase-1 overexpression in two models of lung inflammation. <i>Experimental Biology and Medicine</i> , 2003 , 228, 442-6	3.7	54
139	Tumor suppressor p53 inhibits systemic autoimmune diseases by inducing regulatory T cells. <i>Journal of Immunology</i> , 2013 , 191, 3614-23	5.3	52
138	Haploinsufficiency of akt1 prolongs the lifespan of mice. <i>PLoS ONE</i> , 2013 , 8, e69178	3.7	52
137	Role of telomere in endothelial dysfunction in atherosclerosis. <i>Current Opinion in Lipidology</i> , 2002 , 13, 537-43	4.4	46

136	Vascular endothelial growth factor receptor-1 regulates postnatal angiogenesis through inhibition of the excessive activation of Akt. <i>Circulation Research</i> , 2008 , 103, 261-8	15.7	44
135	p53-Induced inflammation exacerbates cardiac dysfunction during pressure overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 85, 183-98	5.8	42
134	Genetics of Brugada syndrome. <i>Journal of Human Genetics</i> , 2016 , 61, 57-60	4.3	40
133	Complement C1q-induced activation of Eatenin signalling causes hypertensive arterial remodelling. <i>Nature Communications</i> , 2015 , 6, 6241	17.4	40
132	Angiotensin II type 1a receptor is involved in cell infiltration, cytokine production, and neovascularization in infarcted myocardium. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 664-70	9.4	38
131	The role of vascular cell senescence in atherosclerosis: antisenescence as a novel therapeutic strategy for vascular aging. <i>Current Vascular Pharmacology</i> , 2004 , 2, 141-8	3.3	38
130	Peripheral-blood or bone-marrow mononuclear cells for therapeutic angiogenesis?. <i>Lancet, The</i> , 2002 , 360, 2083-4; author reply 2084	4.0	37
129	A crucial role for CDC42 in senescence-associated inflammation and atherosclerosis. <i>PLoS ONE</i> , 2014 , 9, e102186	3.7	34
128	Gene-Based Risk Stratification for Cardiac Disorders in Mutation Carriers. <i>Circulation: Cardiovascular Genetics</i> , 2017 , 10,		32
127	Notch activation mediates angiotensin II-induced vascular remodeling by promoting the proliferation and migration of vascular smooth muscle cells. <i>Hypertension Research</i> , 2013 , 36, 859-65	4.7	30
126	Angiogenesis, Cancer, and Vascular Aging. <i>Frontiers in Cardiovascular Medicine</i> , 2017 , 4, 65	5.4	30
125	Involvement of telomerase reverse transcriptase in heterochromatin maintenance. <i>Molecular and Cellular Biology</i> , 2014 , 34, 1576-93	4.8	30
124	Role of the central nervous system and adipose tissue BDNF/TrkB axes in metabolic regulation. <i>Npj Aging and Mechanisms of Disease</i> , 2015 , 1, 15009	5.5	29
123	Akt-Induced Cellular Senescence: Implication for Human Disease. <i>Cell Cycle</i> , 2004 , 3, 447-449	4.7	29
122	Role of telomeres in vascular senescence. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 2971-9	2.8	28
121	A role for circadian clock in metabolic disease. <i>Hypertension Research</i> , 2016 , 39, 483-91	4.7	27
120	Role of Jagged1 in arterial lesions after vascular injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2000-6	9.4	27
119	p53 plays a crucial role in endothelial dysfunction associated with hyperglycemia and ischemia. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 129, 105-117	5.8	25

118	Agonist-independent constitutive activity of angiotensin II receptor promotes cardiac remodeling in mice. <i>Hypertension</i> , 2012 , 59, 627-33	8.5	25
117	Boysenberry polyphenol inhibits endothelial dysfunction and improves vascular health. <i>PLoS ONE</i> , 2018 , 13, e0202051	3.7	24
116	Gamma-Aminobutyric Acid Signaling in Brown Adipose Tissue Promotes Systemic Metabolic Derangement in Obesity. <i>Cell Reports</i> , 2018 , 24, 2827-2837.e5	10.6	23
115	Aortic carboxypeptidase-like protein, a WNT ligand, exacerbates nonalcoholic steatohepatitis. <i>Journal of Clinical Investigation</i> , 2018 , 128, 1581-1596	15.9	22
114	Adipose tissue inflammation in diabetes and heart failure. <i>Microbes and Infection</i> , 2013 , 15, 11-7	9.3	20
113	Notch signaling regulates the lifespan of vascular endothelial cells via a p16-dependent pathway. <i>PLoS ONE</i> , 2014 , 9, e100359	3.7	20
112	Electrocardiographic abnormalities and risk of developing cardiac events in extracardiac sarcoidosis. <i>International Journal of Cardiology</i> , 2015 , 189, 1-5	3.2	19
111	Metabolomic Analysis in Heart Failure. <i>Circulation Journal</i> , 2017 , 82, 10-16	2.9	19
110	Variants in the SCN5A Promoter Associated With Various Arrhythmia Phenotypes. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	18
109	Inappropriate expression of hepcidin by liver congestion contributes to anemia and relative iron deficiency. <i>Journal of Cardiac Failure</i> , 2014 , 20, 268-77	3.3	16
108	Role of heat shock transcriptional factor 1 and heat shock proteins in cardiac hypertrophy. <i>Trends in Cardiovascular Medicine</i> , 2008 , 18, 88-93	6.9	16
107	Elevated Endomyocardial Biopsy Macrophage-Related Markers in Intractable Myocardial Diseases. <i>Inflammation</i> , 2015 , 38, 2288-99	5.1	15
106	Catecholamine-Induced Senescence of Endothelial Cells and Bone Marrow Cells Promotes Cardiac Dysfunction in Mice. <i>International Heart Journal</i> , 2018 , 59, 837-844	1.8	15
105	Short QT syndrome in a boy diagnosed on screening for heart disease. <i>Pediatrics International</i> , 2014 , 56, 774-6	1.2	15
104	Double outlet right ventricle demonstrated by multislice computed tomography. <i>International Journal of Cardiology</i> , 2007 , 121, 218-20	3.2	14
103	Progerin impairs vascular smooth muscle cell growth via the DNA damage response pathway. <i>Oncotarget</i> , 2017 , 8, 34045-34056	3.3	14
102	SCN5A mutation associated with ventricular fibrillation, early repolarization, and concealed myocardial abnormalities. <i>International Journal of Cardiology</i> , 2013 , 165, e21-3	3.2	13
101	Role of smooth muscle cell p53 in pulmonary arterial hypertension. <i>PLoS ONE</i> , 2019 , 14, e0212889	3.7	13

100	High Frequency of Early Repolarization and Brugada-Type Electrocardiograms in Hypercalcemia. <i>Annals of Noninvasive Electrocardiology</i> , 2016 , 21, 30-40	1.5	12
99	Remarkable thickening of right atrial wall in subjects with cardiac amyloidosis complicated with sick sinus syndrome. <i>International Journal of Cardiology</i> , 2007 , 119, 222-4	3.2	12
98	Role of cellular senescence in lifestyle-related disease. <i>Circulation Journal</i> , 2010 , 74, 2527-33	2.9	11
97	Prevalence and prognostic implications of malnutrition as defined by GLIM criteria in elderly patients with heart failure. <i>Clinical Nutrition</i> , 2021 , 40, 4334-4340	5.9	11
96	Characteristics of neoplastic cardiac tamponade and prognosis after pericardiocentesis: a single-center study of 113 consecutive cancer patients. <i>International Journal of Clinical Oncology</i> , 2015 , 20, 872-7	4.2	10
95	Maintenance of Subcutaneous Fat Homeostasis Improves Systemic Metabolic Dysfunction in Obesity. <i>Diabetes</i> , 2015 , 64, 3984-6	0.9	10
94	Hematopoietic insults damage bone marrow niche by activating p53 in vascular endothelial cells. <i>Experimental Hematology</i> , 2018 , 63, 41-51.e1	3.1	10
93	Dual Antiplatelet Therapy Guided by CYP2C19 Polymorphisms after Implantation of Second-Generation Drug-Eluting Stents for Management of Acute Coronary Syndrome. <i>International Heart Journal</i> , 2018 , 59, 21-26	1.8	10
92	Liver congestion in heart failure contributes to inappropriately increased serum hepcidin despite anemia. <i>Tohoku Journal of Experimental Medicine</i> , 2015 , 235, 69-79	2.4	10
91	Inhibition of dipeptidyl peptidase-4 ameliorates cardiac ischemia and systolic dysfunction by up-regulating the FGF-2/EGR-1 pathway. <i>PLoS ONE</i> , 2017 , 12, e0182422	3.7	10
90	Differential predictive factors for cardiovascular events in patients with or without cancer history. <i>Medicine (United States)</i> , 2019 , 98, e17602	1.8	10
89	Senolytic vaccination improves normal and pathological age-related phenotypes and increases lifespan in progeroid mice. <i>Nature Aging</i> , 2021 , 1, 1117-1126		10
88	Application of hematopoietic cells to therapeutic angiogenesis. <i>Current Pharmaceutical Design</i> , 2006 , 12, 557-63	3.3	9
87	The role of telomerase activation in the regulation of vascular smooth muscle cell proliferation. <i>Drug News and Perspectives</i> , 2003 , 16, 211-6		9
86	MerTK Expression and ERK Activation Are Essential for the Functional Maturation of Osteopontin-Producing Reparative Macrophages After Myocardial Infarction. <i>Journal of the American Heart Association</i> , 2020 , 9, e017071	6	9
85	Manifestation of Latent Left Ventricular Outflow Tract Obstruction in the Acute Phase of Takotsubo Cardiomyopathy. <i>Internal Medicine</i> , 2016 , 55, 3413-3420	1.1	9
84	The effects of pure potassium channel blocker nifekalant and sodium channel blocker mexiletine on malignant ventricular tachyarrhythmias. <i>Journal of Electrocardiology</i> , 2017 , 50, 277-281	1.4	8
83	Pathological role of adipose tissue dysfunction in cardio-metabolic disorders. <i>International Heart Journal</i> , 2015 , 56, 255-9	1.8	8

82	Burden of cardiovascular disease in Japanese cancer patients and survivors: a single cancer-center study in Niigata City. <i>International Journal of Clinical Oncology</i> , 2019 , 24, 196-210	4.2	8
81	Effects of Direct Oral Anticoagulants at the Peak Phase, Trough Phase, and After Vascular Injury. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 102-104	15.1	7
80	The pathological role of vascular aging in cardio-metabolic disorder. <i>Inflammation and Regeneration</i> , 2016 , 36, 16	10.9	7
79	Prognosis of Cancer Patients with Aortic Stenosis Under Optimal Cancer Therapies and Conservative Cardiac Treatments. <i>International Heart Journal</i> , 2018 , 59, 750-758	1.8	7
78	Steroid-responsive thromboangiitis obliterans. <i>Lancet, The</i> , 2004 , 364, 1098	40	7
77	Cellular Senescence in Arterial Diseases. <i>Journal of Lipid and Atherosclerosis</i> , 2020 , 9, 79-91	3	7
76	Quantitative analysis of PKP2 and neighbouring genes in a patient with arrhythmogenic right ventricular cardiomyopathy caused by heterozygous PKP2 deletion. <i>Europace</i> , 2017 , 19, 644-650	3.9	7
75	Percutaneous Coronary Intervention for a Patient with Left Main Coronary Compression Syndrome. <i>Internal Medicine</i> , 2018 , 57, 1421-1424	1.1	7
74	Clinical features and predictors of patients with critical limb ischemia who responded to autologous mononuclear cell transplantation for therapeutic angiogenesis. <i>Heart and Vessels</i> , 2017 , 32, 1099-1108	2.1	6
73	Augmentation of the J wave by rapid pacing in a patient with vasospastic angina. <i>International Journal of Cardiology</i> , 2014 , 172, e111-3	3.2	6
72	Efficacy of bepridil to prevent ventricular fibrillation in severe form of early repolarization syndrome. <i>International Journal of Cardiology</i> , 2014 , 172, 519-22	3.2	6
71	The Impending Epidemic of Cardiovascular Diseases in Patients With Cancer in Japan. <i>Circulation Journal</i> , 2019 , 83, 2191-2202	2.9	5
70	Future projection of cancer patients with cardiovascular disease in Japan by the year 2039: a pilot study. <i>International Journal of Clinical Oncology</i> , 2019 , 24, 983-994	4.2	5
69	Efficacy and Safety of a Novel Endothelin Receptor Antagonist, Macitentan, in Japanese Patients With Pulmonary Arterial Hypertension. <i>Circulation Journal</i> , 2016 , 80, 1478-83	2.9	5
68	Ventricular Rhythm and Hypotension in a Patient with Pheochromocytoma-induced Myocardial Damage and Reverse Takotsubo Cardiomyopathy. <i>Internal Medicine</i> , 2015 , 54, 2343-9	1.1	5
67	Effect of a Low-Intensity Pulsed Ultrasound Device, SX-1001, on Clinical Symptoms in Buerger Disease With Limb Ischemia. <i>International Heart Journal</i> , 2015 , 56, 632-8	1.8	5
66	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 β -galactosidase A gene. <i>Internal Medicine</i> , 2013 , 52, 777-80	1.1	5
65	Gap junctions mediate the spread of ischemia-reperfusion injury. <i>Circulation Journal</i> , 2009 , 73, 1591-2	2.9	5

64	In vivo tracking of transplanted mononuclear cells using manganese-enhanced magnetic resonance imaging (MEMRI). <i>PLoS ONE</i> , 2011 , 6, e25487	3.7	5
63	Early repolarization and risk of lone atrial fibrillation. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 565-568	2.7	4
62	Amlodipine Inhibits Vascular Cell Senescence and Protects Against Atherogenesis Through the Mechanism Independent of Calcium Channel Blockade. <i>International Heart Journal</i> , 2018 , 59, 607-613	1.8	4
61	Early repolarization and risk of arrhythmia events in long QT syndrome. <i>International Journal of Cardiology</i> , 2016 , 223, 540-542	3.2	4
60	p53-Induced Adipose Tissue Inflammation Is Critically Involved in the Development of Insulin Resistance in Heart Failure. <i>Cell Metabolism</i> , 2012 , 15, 787	24.6	4
59	Empagliflozin maintains capillarization and improves cardiac function in a murine model of left ventricular pressure overload. <i>Scientific Reports</i> , 2021 , 11, 18384	4.9	4
58	Similarities and differences of clinical characteristics between Brugada syndrome and early repolarization syndrome. <i>Journal of Arrhythmia</i> , 2013 , 29, 134-137	1.5	3
57	Aldosterone does not contribute to renal p21 expression during the development of angiotensin II-induced hypertension in mice. <i>American Journal of Hypertension</i> , 2012 , 25, 354-8	2.3	3
56	Cardiac mitofusin-1 is reduced in non-responding patients with idiopathic dilated cardiomyopathy. <i>Scientific Reports</i> , 2021 , 11, 6722	4.9	3
55	Coronary lipid-rich plaque characteristics in Japanese patients with acute coronary syndrome and stable angina: A near infrared spectroscopy and intravascular ultrasound study. <i>IJC Heart and Vasculature</i> , 2021 , 33, 100747	2.4	3
54	Long-term clinical outcomes and cause of death after endovascular treatment for femoropopliteal artery lesions. <i>Journal of Cardiology</i> , 2021 , 77, 417-423	3	3
53	Peptide vaccine for semaphorin3E ameliorates systemic glucose intolerance in mice with dietary obesity. <i>Scientific Reports</i> , 2019 , 9, 3858	4.9	2
52	Aortic Regurgitation Presenting with Recurrent Detachment of a Prosthetic Valve, as the First Presenting Symptom of Cardiovascular Behçet Disease. <i>Internal Medicine</i> , 2018 , 57, 823-827	1.1	2
51	Efficacy of Corticosteroid Treatment for Refractory Multivessel Vasospastic Coronary Angina with Hypereosinophilia. <i>Internal Medicine</i> , 2018 , 57, 3111-3115	1.1	2
50	Relative refractoriness of left ventricular contraction underlies human tachycardia-induced mechanical and electrical alternans. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2014 , 37, 197-206	1.6	2
49	Cell therapy for cardiovascular diseases. <i>Annals of Vascular Diseases</i> , 2008 , 1, 66-79	0.9	2
48	Cereblon contributes to cardiac dysfunction by degrading Cav1.2. <i>European Heart Journal</i> , 2022 ,	9.5	2
47	Conservative treatment with an intra-aortic balloon pump to treat acute myocardial infarction due to spontaneous coronary artery dissection. <i>Journal of Cardiology Cases</i> , 2021 , 23, 274-280	0.6	2

46	Predictors of discordance between fractional flow reserve and resting full-cycle ratio in patients with coronary artery disease: Evidence from clinical practice. <i>Journal of Cardiology</i> , 2021 , 77, 313-319	3	2
45	Comparison of diagnostic performance in on-site based CT-derived fractional flow reserve measurements. <i>IJC Heart and Vasculature</i> , 2021 , 35, 100815	2.4	2
44	Association of phase angle with hospital-acquired functional decline in older patients undergoing cardiovascular surgery. <i>Nutrition</i> , 2021 , 91-92, 111402	4.8	2
43	Glycoprotein nonmetastatic melanoma protein B regulates lysosomal integrity and lifespan of senescent cells.. <i>Scientific Reports</i> , 2022 , 12, 6522	4.9	2
42	Simultaneous Estimation of Gender Male and Atrial Fibrillation as Risk Factors for Adverse Outcomes Following Transcatheter Aortic Valve Implantation. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1
41	Frequency characteristics and associations with the defibrillation threshold of ventricular fibrillation in patients with implantable cardioverter defibrillators. <i>Internal Medicine</i> , 2015 , 54, 1175-82	1.1	1
40	Malfunction of cardiac resynchronization therapy due to subsequent fracture of the ring and tip conductors of a co-radial left ventricular bipolar lead. <i>Internal Medicine</i> , 2013 , 52, 1189-93	1.1	1
39	Vascular cell senescence in human atherosclerosis. <i>International Congress Series</i> , 2004 , 1262, 566-569		1
38	Usefulness of Incorporating Hypochloremia into the Get With The Guidelines-Heart Failure Risk Model in Patients With Acute Heart Failure. <i>American Journal of Cardiology</i> , 2021 ,	3	1
37	A phantom and in vivo simulation of coronary flow to calculate fractional flow reserve using a mesh-free model. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 1	2.5	1
36	Long-term treatment of pulmonary arterial hypertension with macitentan in Japanese patients. <i>Current Medical Research and Opinion</i> , 2020 , 36, 921-928	2.5	1
35	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. <i>PLoS ONE</i> , 2021 , 16, e0248416	3.7	1
34	Dynamic left ventricular outflow tract obstruction complicated with takotsubo cardiomyopathy: The acute phase of takotsubo cardiomyopathy manifests latent left ventricular outflow tract obstruction. <i>Journal of Cardiology Cases</i> , 2018 , 18, 60-64	0.6	1
33	A Case of J Wave Syndrome Due to Severe Hypercalcemia with Ventricular Fibrillation Storm and Successful Treatment of Isoproterenol Infusion. <i>International Heart Journal</i> , 2021 , 62, 924-926	1.8	1
32	Dipeptidyl peptidase-4 inhibitors reduced long-term cardiovascular risk in diabetic patients after percutaneous coronary intervention via insulin-like growth factor-1 axis.. <i>Scientific Reports</i> , 2022 , 12, 5129	4.9	1
31	Life-threatening ventricular arrhythmia and left ventricular dysfunction associated with anti-mitochondrial antibody-positive myositis: a case report.. <i>European Heart Journal - Case Reports</i> , 2021 , 5, ytab469	0.9	1
30	Circulating sLR11 levels predict severity of pulmonary hypertension due to left heart disease.. <i>PLoS ONE</i> , 2021 , 16, e0261753	3.7	1
29	Vascular diseases 2022 , 227-268		0

28	Role of circulating molecules in age-related cardiovascular and metabolic disorders.. <i>Inflammation and Regeneration</i> , 2022 , 42, 2	10.9	o
27	The pathological role of adipose tissue aging in the progression of systemic insulin resistance. <i>Inflammation and Regeneration</i> , 2015 , 35, 178-184	10.9	o
26	Placebo-Controlled, Double-Blind Study of Empagliflozin (EMPA) and Implantable Cardioverter-Defibrillator (EMPA-ICD) in Patients with Type2 Diabetes (T2DM): Rationale and Design. <i>Diabetes Therapy</i> , 2020 , 11, 2739-2755	3.6	o
25	Serum apolipoprotein E levels predict residual cardiovascular risk in patients with chronic coronary syndrome undergoing first percutaneous coronary intervention and on-statin treatment. <i>Atherosclerosis</i> , 2021 , 333, 9-15	3.1	o
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