

Yukihito Higashi,, Faha

List of Publications by Year in descending order

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230
papers

9,405
citations

46918

47
h-index

45213

90
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239
all docs

239
docs citations

239
times ranked

11552
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelial Function and Oxidative Stress in Cardiovascular Diseases. <i>Circulation Journal</i> , 2009, 73, 411-418.	0.7	637
2	Effect of Different Intensities of Exercise on Endothelium-Dependent Vasodilation in Humans. <i>Circulation</i> , 2003, 108, 530-535.	1.6	505
3	Regular Aerobic Exercise Augments Endothelium-Dependent Vascular Relaxation in Normotensive As Well As Hypertensive Subjects. <i>Circulation</i> , 1999, 100, 1194-1202.	1.6	491
4	Endothelial Function and Oxidative Stress in Renovascular Hypertension. <i>New England Journal of Medicine</i> , 2002, 346, 1954-1962.	13.9	484
5	Mesenchymal Stem Cell-Derived exosomes accelerate skeletal muscle regeneration. <i>FEBS Letters</i> , 2015, 589, 1257-1265.	1.3	420
6	Mesenchymal Stem Cell-Derived Exosomes Promote Fracture Healing in a Mouse Model. <i>Stem Cells Translational Medicine</i> , 2016, 5, 1620-1630.	1.6	325
7	Autologous Bone-Marrow Mononuclear Cell Implantation Improves Endothelium-Dependent Vasodilation in Patients With Limb Ischemia. <i>Circulation</i> , 2004, 109, 1215-1218.	1.6	220
8	Periodontal Infection Is Associated With Endothelial Dysfunction in Healthy Subjects and Hypertensive Patients. <i>Hypertension</i> , 2008, 51, 446-453.	1.3	194
9	Exercise and endothelial function: Role of endothelium-derived nitric oxide and oxidative stress in healthy subjects and hypertensive patients. , 2004, 102, 87-96.		190
10	Endothelial dysfunction and hypertension in aging. <i>Hypertension Research</i> , 2012, 35, 1039-1047.	1.5	177
11	Physiological Diagnostic Criteria for Vascular Failure. <i>Hypertension</i> , 2018, 72, 1060-1071.	1.3	174
12	Tetrahydrobiopterin enhances forearm vascular response to acetylcholine in both normotensive and hypertensive individuals. <i>American Journal of Hypertension</i> , 2002, 15, 326-332.	1.0	171
13	A comparison of angiotensin-converting enzyme inhibitors, calcium antagonists, beta-blockers and diuretic agents on reactive hyperemia in patients with essential hypertension: a multicenter study. <i>Journal of the American College of Cardiology</i> , 2000, 35, 284-291.	1.2	161
14	Molecular markers distinguish bone marrow mesenchymal stem cells from fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2005, 332, 297-303.	1.0	157
15	Daily Aerobic Exercise Improves Reactive Hyperemia in Patients With Essential Hypertension. <i>Hypertension</i> , 1999, 33, 591-597.	1.3	153
16	Circadian variation of blood pressure and endothelial function in patients with essential hypertension. <i>Journal of the American College of Cardiology</i> , 2002, 40, 2039-2043.	1.2	151
17	Hyperuricemia and endothelial function: From molecular background to clinical perspectives. <i>Atherosclerosis</i> , 2018, 278, 226-231.	0.4	140
18	A low-calorie diet improves endothelium-dependent vasodilation in obese patients with essential hypertension. <i>American Journal of Hypertension</i> , 2002, 15, 302-309.	1.0	137

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19	Oxidative stress and endothelial dysfunction: Clinical evidence and therapeutic implications. <i>Trends in Cardiovascular Medicine</i> , 2014, 24, 165-169.	2.3	136
20	Edaravone (3-Methyl-1-Phenyl-2-Pyrazolin-5-one), A Novel Free Radical Scavenger, for Treatment of Cardiovascular Diseases. <i>Recent Patents on Cardiovascular Drug Discovery</i> , 2006, 1, 85-93.	1.5	135
21	Relationship between flow-mediated vasodilation and cardiovascular risk factors in a large community-based study. <i>Heart</i> , 2013, 99, 1837-1842.	1.2	117
22	Nitroglycerine-Induced Vasodilation for Assessment of Vascular Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1401-1408.	1.1	117
23	Oral infection-inflammatory pathway, periodontitis, is a risk factor for endothelial dysfunction in patients with coronary artery disease. <i>Atherosclerosis</i> , 2009, 206, 604-610.	0.4	116
24	Tetrahydrobiopterin improves aging-related impairment of endothelium-dependent vasodilation through increase in nitric oxide production. <i>Atherosclerosis</i> , 2006, 186, 390-395.	0.4	98
25	Flow-Mediated Vasodilation as a Diagnostic Modality for Vascular Failure. <i>Hypertension Research</i> , 2008, 31, 2105-2113.	1.5	95
26	Ratio of Serum Levels of AGEs to Soluble Form of RAGE Is a Predictor of Endothelial Function. <i>Diabetes Care</i> , 2015, 38, 119-125.	4.3	95
27	Aging and Severity of Hypertension Attenuate Endothelium-Dependent Renal Vascular Relaxation in Humans. <i>Hypertension</i> , 1997, 30, 252-258.	1.3	85
28	Endothelial Dysfunction, Increased Arterial Stiffness, and Cardiovascular Risk Prediction in Patients With Coronary Artery Disease: FMDℓ (FlowℓMediated Dilation Japan) Study A. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	84
29	Roles of Rho-Associated Kinase and Oxidative Stress in the Pathogenesis of Aortic Stiffness. <i>Journal of the American College of Cardiology</i> , 2007, 49, 698-705.	1.2	83
30	Relationships Among Hyperuricemia, Metabolic Syndrome, and Endothelial Function. <i>American Journal of Hypertension</i> , 2011, 24, 770-774.	1.0	75
31	Nocturnal Decline in Blood Pressure Is Attenuated by NaCl Loading in Salt-Sensitive Patients With Essential Hypertension. <i>Hypertension</i> , 1997, 30, 163-167.	1.3	75
32	New Methods to Evaluate Endothelial Function: Method for Assessing Endothelial Function in Humans Using a Strain-Gauge Plethysmography: Nitric Oxide-Dependent and -Independent Vasodilation. <i>Journal of Pharmacological Sciences</i> , 2003, 93, 399-404.	1.1	73
33	Low body mass index is a risk factor for impaired endothelium-dependent vasodilation in humans: role of nitric oxide and oxidative stress. <i>Journal of the American College of Cardiology</i> , 2003, 42, 256-263.	1.2	68
34	Rho-Associated Kinase Activity, Endothelial Function, and Cardiovascular Risk Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011, 31, 2353-2359.	1.1	67
35	Diagnostic Criteria of FlowℓMediated Vasodilation for Normal Endothelial Function and NitroglycerinℓInduced Vasodilation for Normal Vascular Smooth Muscle Function of the Brachial Artery. <i>Journal of the American Heart Association</i> , 2020, 9, e013915.	1.6	67
36	Relationship Between Insulin Resistance and Endothelium-Dependent Vascular Relaxation in Patients With Essential Hypertension. <i>Hypertension</i> , 1997, 29, 280-285.	1.3	63

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37	Assessment of Endothelial Function. <i>International Heart Journal</i> , 2015, 56, 125-134.	0.5	59
38	Reliability of measurement of endothelial function across multiple institutions and establishment of reference values in Japanese. <i>Atherosclerosis</i> , 2015, 242, 433-442.	0.4	59
39	Combination of Flow-Mediated Vasodilation and Nitroglycerine-Induced Vasodilation Is More Effective for Prediction of Cardiovascular Events. <i>Hypertension</i> , 2016, 67, 1045-1052.	1.3	59
40	Pathophysiological Association between Diabetes Mellitus and Endothelial Dysfunction. <i>Antioxidants</i> , 2021, 10, 1306.	2.2	59
41	Mesenchymal Stem Cells Induce Epithelial to Mesenchymal Transition in Colon Cancer Cells through Direct Cell-to-Cell Contact. <i>Neoplasia</i> , 2017, 19, 429-438.	2.3	58
42	Endothelial dysfunction is associated with the severity of cerebral small vessel disease. <i>Hypertension Research</i> , 2015, 38, 291-297.	1.5	57
43	The Effect of Sitagliptin on Carotid Artery Atherosclerosis in Type 2 Diabetes: The PROLOGUE Randomized Controlled Trial. <i>PLoS Medicine</i> , 2016, 13, e1002051.	3.9	57
44	Febuxostat does not delay progression of carotid atherosclerosis in patients with asymptomatic hyperuricemia: A randomized, controlled trial. <i>PLoS Medicine</i> , 2020, 17, e1003095.	3.9	57
45	Effects of Angiotensin-(1-7) on Forearm Circulation in Normotensive Subjects and Patients With Essential Hypertension. <i>Hypertension</i> , 2001, 38, 90-94.	1.3	56
46	Endothelial dysfunction and abnormal vascular structure are simultaneously present in patients with heart failure with preserved ejection fraction. <i>International Journal of Cardiology</i> , 2017, 231, 181-187.	0.8	55
47	A Multicenter Study Design to Assess the Clinical Usefulness of Semi-Automatic Measurement of Flow-Mediated Vasodilatation of the Brachial Artery. <i>International Heart Journal</i> , 2012, 53, 170-175.	0.5	53
48	Effect of short-term colchicine treatment on endothelial function in patients with coronary artery disease. <i>International Journal of Cardiology</i> , 2019, 281, 35-39.	0.8	52
49	Longitudinal association among endothelial function, arterial stiffness and subclinical organ damage in hypertension. <i>International Journal of Cardiology</i> , 2018, 253, 161-166.	0.8	51
50	Bilirubin and Endothelial Function. <i>Journal of Atherosclerosis and Thrombosis</i> , 2019, 26, 688-696.	0.9	51
51	Intima-Media Thickness of Brachial Artery, Vascular Function, and Cardiovascular Risk Factors. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 2295-2303.	1.1	50
52	Selection of Common Markers for Bone Marrow Stromal Cells from Various Bones Using Real-Time RT-PCR: Effects of Passage Number and Donor Age. <i>Tissue Engineering</i> , 2007, 13, 2405-2417.	4.9	47
53	Effect of Empagliflozin on Endothelial Function in Patients With Type 2 Diabetes and Cardiovascular Disease: Results from the Multicenter, Randomized, Placebo-Controlled, Double-Blind EMBLEM Trial. <i>Diabetes Care</i> , 2019, 42, e159-e161.	4.3	45
54	Age-dependent decrease in the chondrogenic potential of human bone marrow mesenchymal stromal cells expanded with fibroblast growth factor-2. <i>Cytotherapy</i> , 2013, 15, 1062-1072.	0.3	44

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55	Edaravone for the treatment of acute cerebral infarction: role of endothelium-derived nitric oxide and oxidative stress. <i>Expert Opinion on Pharmacotherapy</i> , 2009, 10, 323-331.	0.9	43
56	Multikinase inhibitor regorafenib inhibits the growth and metastasis of colon cancer with abundant stroma. <i>Cancer Science</i> , 2016, 107, 601-608.	1.7	43
57	Rho-Associated Kinase Activity Is a Predictor of Cardiovascular Outcomes. <i>Hypertension</i> , 2014, 63, 856-864.	1.3	40
58	Serum-Free Medium Enhances the Immunosuppressive and Antifibrotic Abilities of Mesenchymal Stem Cells Utilized in Experimental Renal Fibrosis. <i>Stem Cells Translational Medicine</i> , 2018, 7, 893-905.	1.6	39
59	Effect of Aldosterone-Producing Adenoma on Endothelial Function and Rho-Associated Kinase Activity in Patients With Primary Aldosteronism. <i>Hypertension</i> , 2015, 65, 841-848.	1.3	36
60	Relationship between serum triglyceride levels and endothelial function in a large community-based study. <i>Atherosclerosis</i> , 2016, 249, 70-75.	0.4	36
61	Association of Insulin Resistance, Plasma Glucose Level, and Serum Insulin Level With Hypertension in a Population With Different Stages of Impaired Glucose Metabolism. <i>Journal of the American Heart Association</i> , 2020, 9, e015546.	1.6	36
62	Endothelial function in subjects with isolated low HDL cholesterol: role of nitric oxide and circulating progenitor cells. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E202-E209.	1.8	33
63	Assessment of endothelium-independent vasodilation. <i>Journal of Hypertension</i> , 2018, 36, 1460-1467.	0.3	33
64	Endothelial function is impaired in relation to alcohol intake even in the case of light alcohol consumption in Asian men; Flow-mediated Dilation Japan (FMD-J) Study. <i>International Journal of Cardiology</i> , 2017, 230, 523-528.	0.8	32
65	Coffee and Endothelial Function: A Coffee Paradox?. <i>Nutrients</i> , 2019, 11, 2104.	1.7	32
66	Coffee with a high content of chlorogenic acids and low content of hydroxyhydroquinone improves postprandial endothelial dysfunction in patients with borderline and stage 1 hypertension. <i>European Journal of Nutrition</i> , 2019, 58, 989-996.	1.8	32
67	Excess Norepinephrine Impairs Both Endothelium-Dependent and -Independent Vasodilation in Patients With Pheochromocytoma. <i>Hypertension</i> , 2002, 39, 513-518.	1.3	31
68	Angiotensin II Type I Receptor Blocker and Endothelial Function in Humans: Role of Nitric Oxide and Oxidative Stress. <i>Current Medicinal Chemistry Cardiovascular and Hematological Agents</i> , 2005, 3, 133-148.	1.7	31
69	Pathophysiological Association of Endothelial Dysfunction with Fatal Outcome in COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5131.	1.8	29
70	Rationale and design of a multicenter randomized study for evaluating vascular function under uric acid control using the xanthine oxidase inhibitor, febuxostat: the PRIZE study. <i>Cardiovascular Diabetology</i> , 2016, 15, 87.	2.7	28
71	Rationale and design of a multicenter placebo-controlled double-blind randomized trial to evaluate the effect of empagliflozin on endothelial function: the EMBLEM trial. <i>Cardiovascular Diabetology</i> , 2017, 16, 48.	2.7	28
72	Hematocrit, hemoglobin and red blood cells are associated with vascular function and vascular structure in men. <i>Scientific Reports</i> , 2020, 10, 11467.	1.6	28

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73	Endothelial Function Is Impaired in Patients Receiving Antihypertensive Drug Treatment Regardless of Blood Pressure Level. <i>Hypertension</i> , 2017, 70, 790-797.	1.3	27
74	Autonomic nervous activation triggered during induction of reactive hyperemia exerts a greater influence on the measured reactive hyperemia index by peripheral arterial tonometry than on flow-mediated vasodilatation of the brachial artery in patients with hypertension. <i>Hypertension Research</i> , 2014, 37, 914-918.	1.5	26
75	Preventive effect of <i>Eucommia</i> leaf extract on aortic media hypertrophy in Wistar-Kyoto rats fed a high-fat diet. <i>Hypertension Research</i> , 2017, 40, 546-551.	1.5	26
76	Brachial artery diameter as a marker for cardiovascular risk assessment: FMD-J study. <i>Atherosclerosis</i> , 2018, 268, 92-98.	0.4	26
77	Cilostazol for treatment of cerebral infarction. <i>Expert Opinion on Pharmacotherapy</i> , 2018, 19, 1719-1726.	0.9	26
78	Relationship between nitroglycerine-induced vasodilation and clinical severity of peripheral artery disease. <i>Atherosclerosis</i> , 2014, 235, 65-70.	0.4	25
79	Long-term effect of sitagliptin on endothelial function in type 2 diabetes: a sub-analysis of the PROLOGUE study. <i>Cardiovascular Diabetology</i> , 2016, 15, 134.	2.7	25
80	Autologous Bone-Marrow Mesenchymal Stem Cell Implantation and Endothelial Function in a Rabbit Ischemic Limb Model. <i>PLoS ONE</i> , 2013, 8, e67739.	1.1	24
81	Cross-sectional and longitudinal associations between serum uric acid and endothelial function in subjects with treated hypertension. <i>International Journal of Cardiology</i> , 2018, 272, 308-313.	0.8	23
82	Rationale and design of a multicenter randomized controlled study to evaluate the preventive effect of ipragliflozin on carotid atherosclerosis: the PROTECT study. <i>Cardiovascular Diabetology</i> , 2016, 15, 133.	2.7	22
83	Reduction of estimated fluid volumes following initiation of empagliflozin in patients with type 2 diabetes and cardiovascular disease: a secondary analysis of the placebo-controlled, randomized EMBLEM trial. <i>Cardiovascular Diabetology</i> , 2021, 20, 105.	2.7	22
84	Cigarette Smoking Abolishes Ischemic Preconditioning-Induced Augmentation of Endothelium-Dependent Vasodilation. <i>Hypertension</i> , 2009, 53, 674-681.	1.3	21
85	Association between Oral Health and the Risk of Lacunar Infarction in Japanese Adults. <i>Gerontology</i> , 2013, 59, 499-506.	1.4	21
86	Sodium Chloride Loading Does Not Alter Endothelium-Dependent Vasodilation of Forearm Vasculature in Either Salt-Sensitive or Salt-Resistant Patients with Essential Hypertension.. <i>Hypertension Research</i> , 2001, 24, 711-716.	1.5	21
87	Critical Role of Exogenous Nitric Oxide in ROCK Activity in Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2014, 9, e109017.	1.1	21
88	Carvedilol improves endothelium-dependent vasodilation in patients with dilated cardiomyopathy. <i>Heart</i> , 2005, 93, 247-248.	1.2	20
89	Endothelial Function Assessed by Automatic Measurement of Enclosed Zone Flow- Mediated Vasodilation Using an Oscillometric Method Is an Independent Predictor of Cardiovascular Events. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	19
90	Oxidative Stress, Endothelial Function and Angiogenesis Induced by Cell Therapy and Gene Therapy. <i>Current Pharmaceutical Biotechnology</i> , 2006, 7, 109-116.	0.9	18

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91	Baseline Characterization of Japanese Peripheral Arterial Disease Patientsâ€”Analysis of Surveillance of Cardiovascular Events in Antiplatelet-Treated Arteriosclerosis Obliterans Patients in Japan (SEASON)â€”. Circulation Journal, 2016, 80, 712-721.	0.7	18
92	Association of extremely high levels of high-density lipoprotein cholesterol with endothelial dysfunction in men. Journal of Clinical Lipidology, 2019, 13, 664-672.e1.	0.6	18
93	Target of Triglycerides as Residual Risk for Cardiovascular Events in Patients With Coronary Artery Diseaseâ€”Post Hoc Analysis of the FMD-J Study Aâ€”. Circulation Journal, 2019, 83, 1064-1071.	0.7	17
94	Relaxing music reduces blood pressure and heart rate among preâ€”hypertensive young adults: A randomized control trial. Journal of Clinical Hypertension, 2021, 23, 317-322.	1.0	17
95	An overview of pharmacotherapy for cerebral vasospasm and delayed cerebral ischemia after subarachnoid hemorrhage. Expert Opinion on Pharmacotherapy, 2021, 22, 1601-1614.	0.9	17
96	Severity of Hypertension Affects Improved Resistance Artery Endothelial Function by Angiotensin-Converting Enzyme Inhibition. Journal of Cardiovascular Pharmacology, 2002, 39, 668-676.	0.8	16
97	Triglycerides and endothelial function: molecular biology to clinical perspective. Current Opinion in Lipidology, 2019, 30, 364-369.	1.2	16
98	Color Doppler Flows of Corkscrew Collaterals in Thromboangiitis Obliterans (Buerger's Disease) Using Color Duplex Ultrasonography. Journal of the American College of Cardiology, 2011, 57, 2539.	1.2	15
99	Optimal Target Level of Low-density Lipoprotein Cholesterol for Vascular Function in Statin Naïve Individuals. Scientific Reports, 2017, 7, 8422.	1.6	15
100	Genetic Markers Can Predict Chondrogenic Differentiation Potential in Bone Marrow-Derived Mesenchymal Stromal Cells. Stem Cells International, 2018, 2018, 1-9.	1.2	15
101	Association of Arterial Stiffness With Kidney Function Among Adults Without Chronic Kidney Disease. American Journal of Hypertension, 2020, 33, 1003-1010.	1.0	15
102	Bach1 plays an important role in angiogenesis through regulation of oxidative stress. Microvascular Research, 2021, 134, 104126.	1.1	15
103	Pioglitazone improves endothelium-dependent vasodilation in hypertensive patients with impaired glucose tolerance in part through a decrease in oxidative stress. Atherosclerosis, 2010, 210, 521-524.	0.4	14
104	Promotion of skeletal muscle repair in a rat skeletal muscle injury model by local injection of human adipose tissue-derived regenerative cells. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 1150-1160.	1.3	14
105	Relation of the Bilateral Earlobe Crease to Endothelial Dysfunction. American Journal of Cardiology, 2017, 119, 1983-1988.	0.7	14
106	Decreased frequency and duration of tooth brushing is a risk factor for endothelial dysfunction. International Journal of Cardiology, 2017, 241, 30-34.	0.8	14
107	Effects of the Dipeptidyl Peptidase 4 Inhibitor Alogliptin on Blood Pressure in Hypertensive Patients with Type 2 Diabetes Mellitus. American Journal of Hypertension, 2019, 32, 695-702.	1.0	14
108	Secondary analyses to assess the profound effects of empagliflozin on endothelial function in patients with type 2 diabetes and established cardiovascular diseases: The placebo-controlled double-blind randomized effect of empagliflozin on endothelial function in cardiovascular high risk diabetes mellitus: Multi-center placebo-controlled double-blind randomized trial. Journal of Diabetes Investigation, 2020, 11, 1551-1563.	1.1	14

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109	Smoking status and endothelial function in Japanese men. <i>Scientific Reports</i> , 2021, 11, 95.	1.6	14
110	Microvascular endothelial function is impaired in patients with idiopathic hyperaldosteronism. <i>Hypertension Research</i> , 2018, 41, 932-938.	1.5	13
111	Stair climbing activity and vascular function in patients with hypertension. <i>Hypertension Research</i> , 2021, 44, 1274-1282.	1.5	13
112	Circulating endothelial progenitor cells and placental abruption in women with preeclampsia. <i>Pregnancy Hypertension</i> , 2014, 4, 203-208.	0.6	12
113	Interrelationships Among Flow-Mediated Vasodilation, Nitroglycerine-Induced Vasodilation, Baseline Brachial Artery Diameter, Hyperemic Shear Stress, and Cardiovascular Risk Factors. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	12
114	Endothelial dysfunction, abnormal vascular structure and lower urinary tract symptoms in men and women. <i>International Journal of Cardiology</i> , 2018, 261, 196-203.	0.8	12
115	Review of the Long-term Effects of Autologous Bone-Marrow Mononuclear Cell Implantation on Clinical Outcomes in Patients with Critical Limb Ischemia. <i>Scientific Reports</i> , 2019, 9, 7711.	1.6	12
116	Ionizing Irradiation Induces Vascular Damage in the Aorta of Wild-Type Mice. <i>Cancers</i> , 2020, 12, 3030.	1.7	12
117	Daily Low-intensity Pulsed Ultrasound Ameliorates Renal Fibrosis and Inflammation in Experimental Hypertensive and Diabetic Nephropathy. <i>Hypertension</i> , 2020, 76, 1906-1914.	1.3	12
118	Risk of hypertension in middle-aged and elderly participants with newly diagnosed type 2 diabetes and prediabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001500.	1.2	12
119	Increased arterial stiffness and cardiovascular risk prediction in controlled hypertensive patients with coronary artery disease: post hoc analysis of FMD-J (Flow-mediated Dilation Japan) Study A. <i>Hypertension Research</i> , 2020, 43, 781-790.	1.5	12
120	Renal endothelial dysfunction and hypertension. <i>Journal of Diabetes and Its Complications</i> , 2002, 16, 103-107.	1.2	11
121	Endothelial function is preserved in light to moderate alcohol drinkers but is impaired in heavy drinkers in women: Flow-mediated Dilation Japan (FMD-J) study. <i>PLoS ONE</i> , 2020, 15, e0243216.	1.1	11
122	Sargogrelate Hydrochloride, a Selective 5-hydroxytryptamine _{2A} Antagonist, Augments Autologous Bone Marrow Mononuclear Cell Implantation-induced Improvement in Endothelium-dependent Vasodilation in Patients With Critical Limb Ischemia. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 55, 56-61.	0.8	10
123	Circulating level of pigment epithelium-derived factor is associated with vascular function and structure: A cross-sectional study. <i>International Journal of Cardiology</i> , 2016, 225, 91-95.	0.8	10
124	Increasing Risk of Osteoporotic Fracture Is Associated With Vascular Dysfunction and Abnormal Vascular Structure in Both Men and Women. <i>Circulation Journal</i> , 2017, 81, 862-869.	0.7	10
125	Sitagliptin on carotid intima-media thickness in type 2 diabetes patients receiving primary or secondary prevention of cardiovascular disease: A subgroup analysis of the PROLOGUE study. <i>International Journal of Cardiology</i> , 2018, 271, 331-335.	0.8	10
126	Vascular function is further impaired in subjects aged 80 years or older. <i>Hypertension Research</i> , 2020, 43, 914-921.	1.5	10

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127	Mesenchymal stem cells induce tumor stroma formation and epithelialâ€mesenchymal transition through SPARC expression in colorectal cancer. <i>Oncology Reports</i> , 2021, 45, .	1.2	10
128	Lower triglyceride levels are associated with better endothelial function. <i>Journal of Clinical Lipidology</i> , 2021, 15, 500-511.	0.6	10
129	Official Announcement of Physiological Diagnostic Criteria for Vascular Failure from the Japanese Society for Vascular Failure. <i>Vascular Failure</i> , 2018, 2, 59-60.	0.2	10
130	Rho-Associated Kinase Activity Is an Independent Predictor of Cardiovascular Events in Acute Coronary Syndrome. <i>Hypertension</i> , 2015, 66, 892-899.	1.3	9
131	Chronic kidney disease is associated with vascular smooth muscle dysfunction but not with endothelial dysfunction. <i>International Journal of Cardiology</i> , 2018, 254, 284-290.	0.8	9
132	Evaluation of Risk Factors for Major Amputation in Patients With Diabetes and Peripheral Artery Disease Receiving Antiplatelet Therapyâ€ Post Hoc Analysis of a Prospective Observational Multicenter Cohort Study (SEASON) â€. <i>Circulation Journal</i> , 2019, 83, 1929-1936.	0.7	9
133	Upstroke Time Is a Useful Vascular Marker for Detecting Patients With Coronary Artery Disease Among Subjects With Normal Ankleâ€Brachial Index. <i>Journal of the American Heart Association</i> , 2020, 9, e017139.	1.6	9
134	Common Carotid Artery Flow Parameters Predict the Incidence of Hypertension. <i>Hypertension</i> , 2021, 78, 1711-1718.	1.3	9
135	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, 632-638.	0.5	8
136	Nitroglycerine-induced vasodilation in coronary and brachial arteries in patients with suspected coronary artery disease. <i>International Journal of Cardiology</i> , 2016, 219, 312-316.	0.8	8
137	Exercise is a double-edged sword for endothelial function. <i>Hypertension Research</i> , 2016, 39, 61-63.	1.5	8
138	New assessment of endothelial function measured by short time flow-mediated vasodilation: Comparison with conventional flow-mediated vasodilation measurement. <i>International Journal of Cardiology</i> , 2018, 265, 24-29.	0.8	8
139	Association between Carotid Artery Calcification and Periodontal Disease Progression in Japanese Men and Women: A Cross-Sectional Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3365.	1.0	8
140	Vascular Damage in the Aorta of Wild-Type Mice Exposed to Ionizing Radiation: Sparing and Enhancing Effects of Dose Protraction. <i>Cancers</i> , 2021, 13, 5344.	1.7	8
141	Lower urinary tract symptoms/benign prostatic hypertrophy and vascular function: Role of the nitric oxideâ€phosphodiesterase type 5â€cyclic guanosine 3â€ ² ,5â€ ² â€monophosphate pathway. <i>International Journal of Urology</i> , 2017, 24, 412-424.	0.5	7
142	Is Serum Uric Acid a Biomarker, but not a Mediator in Patients With Lifestyle and Cardiovascular Diseases?. <i>International Heart Journal</i> , 2017, 58, 467-469.	0.5	7
143	Relationship between home blood pressure and vascular function in patients receiving antihypertensive drug treatment. <i>Hypertension Research</i> , 2019, 42, 1175-1185.	1.5	7
144	Evaluation of Risk Factors for Limb-Specific Peripheral Vascular Events in Patients With Peripheral Artery Disease: A Post Hoc Analysis of the SEASON Prospective Observational Study. <i>Angiology</i> , 2019, 70, 506-514.	0.8	7

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145	Pre-impaired fasting glucose state is a risk factor for endothelial dysfunction: Flow-mediated Dilation Japan (FMD-J) study. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001610.	1.2	7
146	A body shape index is associated with endothelial dysfunction in both men and women. <i>Scientific Reports</i> , 2021, 11, 17873.	1.6	7
147	Annual reports on hypertension research 2020. <i>Hypertension Research</i> , 2022, 45, 15-31.	1.5	7
148	Osteoporosis, osteoporotic fractures, and carotid artery calcification detected on panoramic radiographs in Japanese men and women. <i>Oral Surgery, Oral Medicine, Oral Pathology and Oral Radiology</i> , 2016, 121, 673-680.	0.2	6
149	Two-Year Follow-Up of Vascular Events in Peripheral Arterial Disease Treated With Antiplatelet Agents: A Prospective Observational Multicenter Cohort Study (SEASON). <i>Scientific Reports</i> , 2017, 7, 6095.	1.6	6
150	Impact of Therapeutic Angiogenesis Using Autologous Bone Marrow-Derived Mononuclear Cells Implantation in Critical Limb Ischemia With Scleroderma—Subanalysis of the Long-Term Clinical Outcomes Survey. <i>Circulation Journal</i> , 2019, 83, 662-671.	0.7	6
151	Relationship between high-density lipoprotein cholesterol levels and endothelial function in women: a cross-sectional study. <i>BMJ Open</i> , 2020, 10, e038121.	0.8	6
152	Usefulness of the SAGE score to predict elevated values of brachial-ankle pulse wave velocity in Japanese subjects with hypertension. <i>Hypertension Research</i> , 2020, 43, 1284-1292.	1.5	6
153	Association of Body Mass Index with Endothelial Function in Asian Men. <i>International Journal of Cardiology</i> , 2021, 324, 186-192.	0.8	6
154	The Identification of Marker Genes for Predicting the Osteogenic Differentiation Potential of Mesenchymal Stromal Cells. <i>Current Issues in Molecular Biology</i> , 2021, 43, 2157-2166.	1.0	6
155	Temporal Changes in Sparing and Enhancing Dose Protraction Effects of Ionizing Irradiation for Aortic Damage in Wild-Type Mice. <i>Cancers</i> , 2022, 14, 3319.	1.7	6
156	Study Design of SEASON Registry Prospective Surveillance of Cardiovascular Events in Antiplatelet-Treated ArterioSclerosis Obliterans Patients in JapaN (SEASON). <i>International Heart Journal</i> , 2010, 51, 337-342.	0.5	5
157	Reduction in blood pressure improves impaired nitroglycerine-induced vasodilation in patients with essential hypertension. <i>Hypertension Research</i> , 2015, 38, 862-868.	1.5	5
158	Exogenous nitric oxide inhibits Rho-associated kinase activity in patients with angina pectoris: a randomized controlled trial. <i>Hypertension Research</i> , 2015, 38, 485-490.	1.5	5
159	Elevated Plasma Renin Activity Caused by Accelerated-malignant Hypertension in a Patient with Aldosterone-producing Adenoma Complicated with Renal Insufficiency. <i>Internal Medicine</i> , 2019, 58, 3107-3111.	0.3	5
160	Antithrombotic therapy for stroke prevention in patients with atrial fibrillation in Japan. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 2115-2124.	0.9	5
161	A Comparison of Adrenalectomy and Eplerenone on Vascular Function in Patients with Aldosterone-producing Adenoma. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 3474-3485.	1.8	5
162	Long-Term Clinical Outcomes of Autologous Bone Marrow Mononuclear Cell Implantation in Patients With Severe Thromboangiitis Obliterans. <i>Circulation Journal</i> , 2020, 84, 650-655.	0.7	5

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164	Association of obesity with serum free fatty acid levels in individuals at different stages of prediabetes. <i>Clinical Obesity</i> , 2021, , e12496.	1.1	5
165	Falsely normalized ankle-brachial index despite the presence of lower-extremity peripheral artery disease: two case reports. <i>Journal of Medical Case Reports</i> , 2021, 15, 622.	0.4	5
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167	Association Between Waist-to-Height Ratio and Endothelial Dysfunction in Patients With Morbidity. A Report From the FMD-J Study. <i>Circulation Journal</i> , 2017, 81, 1911-1918.	0.7	4
168	Outstanding Effect of Physical Exercise on Endothelial Function Even in Children and Adolescents. <i>Circulation Journal</i> , 2017, 81, 637-639.	0.7	4
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170	Low Levels of Low-Density Lipoprotein Cholesterol and Endothelial Function in Subjects without Lipid-Lowering Therapy. <i>Journal of Clinical Medicine</i> , 2020, 9, 3796.	1.0	4
171	Short stature is associated with low flow-mediated vasodilation in Japanese men. <i>Hypertension Research</i> , 2021, , .	1.5	4
172	Poor tooth brushing behavior is associated with high risk of cardiovascular events: A prospective observational study. <i>International Journal of Cardiology</i> , 2022, 350, 111-117.	0.8	4
173	Implantation of Hypoxia-Induced Mesenchymal Stem Cell Advances Therapeutic Angiogenesis. <i>Stem Cells International</i> , 2022, 2022, 1-14.	1.2	4
174	Vascular Dysfunction Predicts Future Deterioration of Left Ventricular Ejection Fraction in Patients with Heart Failure with Mildly Reduced Ejection Fraction. <i>Journal of Clinical Medicine</i> , 2021, 10, 5980.	1.0	4
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176	Antiplatelet Drugs and Endothelial Function. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016, 23, 1147-1149.	0.9	3
177	Effect of Saxagliptin on Endothelial Function in Patients with Type 2 Diabetes: A Prospective Multicenter Study. <i>Scientific Reports</i> , 2019, 9, 10206.	1.6	3
178	Potential Marker Genes for Predicting Adipogenic Differentiation of Mesenchymal Stromal Cells. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 2942.	1.3	3
179	Estimation of Arterial Viscosity Based on an Oscillometric Method and Its Application in Evaluating the Vascular Endothelial Function. <i>Scientific Reports</i> , 2019, 9, 2609.	1.6	3
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182	Perspectives on the management of hypertension in Japan. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 1179-1187.	0.9	3
183	Diversity in the risk of type 2 diabetes associated with age, sex, and 1-h post-load plasma glucose levels in the Japanese population with prediabetes. <i>Diabetes Research and Clinical Practice</i> , 2021, 175, 108780.	1.1	3
184	Upstroke time as a marker of atherosclerosis in patients with diabetes mellitus who have a normal ankle-brachial index. <i>Journal of Diabetes and Its Complications</i> , 2021, 35, 108044.	1.2	3
185	Serum Potassium Levels of 4.5 to Less Than 5.0 mmol/L Are Associated with Better Vascular Function. <i>Journal of Atherosclerosis and Thrombosis</i> , 2022, 29, 1588-1602.	0.9	3
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188	Incretin-related drugs and cardiovascular events: A comparison of GLP-1 analogue and DPP-4 inhibitor. <i>Journal of Cardiology</i> , 2017, 69, 508-510.	0.8	2
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190	Assessment of Lower-limb Vascular Endothelial Function Based on Enclosed Zone Flow-mediated Dilation. <i>Scientific Reports</i> , 2018, 8, 9263.	1.6	2
191	Relationships Between Calcium Channel Blockers and Vascular Function Tests. <i>American Journal of Hypertension</i> , 2019, 32, 640-648.	1.0	2
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196	Peripheral arterial tone during active standing. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, 473, 1939-1946.	1.3	2
197	Relationship between hemoglobin A1c level and flow-mediated vasodilation in patients with type 2 diabetes mellitus receiving antidiabetic drugs. <i>Journal of Diabetes Investigation</i> , 2022, 13, 677-686.	1.1	2
198	Promising Assessment of Vascular Function for Future Cardiovascular Events. <i>Journal of Atherosclerosis and Thrombosis</i> , 2021, 28, 1123-1125.	0.9	2

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200	Association between number of teeth present and mandibular cortical erosion in Japanese men and women aged 40 years and older: A cross-sectional study. <i>Osteoporosis and Sarcopenia</i> , 2016, 2, 250-255.	0.7	1
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202	Assessment of Atherosclerosisâ€œ• Vascular Imaging Tests and Vascular Function Tests â€œ. <i>Circulation Journal</i> , 2017, 81, 304-305.	0.7	1
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205	Relationship between cell number and clinical outcomes of autologous bone-marrow mononuclear cell implantation in critical limb ischemia. <i>Scientific Reports</i> , 2020, 10, 19891.	1.6	1
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211	Clinical implication of impaired skin microvascular function in patients with hypertension. <i>Hypertension Research</i> , 2022, 45, 535-537.	1.5	1
212	Relationship of Daily Coffee Intake with Vascular Function in Patients with Hypertension. <i>Nutrients</i> , 2022, 14, 2719.	1.7	1
213	The Effects of Aeronic Exercise on Endothelium-dependent Vasodilation in Humans.. <i>Rigakuryoho Kagaku</i> , 2002, 17, 87-91.	0.0	0
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215	Anti-Aging Medicine in Cardiovascular Disease. <i>Anti-aging Medicine</i> , 2010, 7, 45-49.	0.7	0
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218	Response to "circulating level of pigment epithelium-derived factor is associated with vascular function and structure: Methodological issues". International Journal of Cardiology, 2017, 229, 121.	0.8	0
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222	Does renal function have incremental predictive value of stroke in atrial fibrillation?. International Journal of Cardiology, 2019, 274, 192-193.	0.8	0
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225	Spontaneous renal hemorrhage in acquired cystic kidney disease. Journal of General and Family Medicine, 2021, 22, 94-95.	0.3	0
226	Enclosed Zone Flow-mediated Dilation (ezFMD): Development of a Novel Method for Evaluating Vascular Endothelial Function through Medical and Engineering Collaboration. The Journal of Japanese College of Angiology, 2019, 59, 23-28.	0.1	0
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229	Reply to a letter to the editor regarding "Short stature is associated with low flow-mediated vasodilation in Japanese men". Hypertension Research, 2022, , .	1.5	0
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