

Tatsuya Maruhashi

List of Publications by Year in descending order

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Version: 2024-02-01

99
papers

2,189
citations

257101

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docs citations

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological Diagnostic Criteria for Vascular Failure. <i>Hypertension</i> , 2018, 72, 1060-1071.	1.3	174
2	Hyperuricemia and endothelial function: From molecular background to clinical perspectives. <i>Atherosclerosis</i> , 2018, 278, 226-231.	0.4	140
3	Oxidative stress and endothelial dysfunction: Clinical evidence and therapeutic implications. <i>Trends in Cardiovascular Medicine</i> , 2014, 24, 165-169.	2.3	136
4	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
5	Nitroglycerine-Induced Vasodilation for Assessment of Vascular Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1401-1408.	1.1	117
6	Hyperbilirubinemia, Augmentation of Endothelial Function, and Decrease in Oxidative Stress in Gilbert Syndrome. <i>Circulation</i> , 2012, 126, 598-603.	1.6	99
7	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
8	Endothelial Dysfunction, Increased Arterial Stiffness, and Cardiovascular Risk Prediction in Patients With Coronary Artery Disease: FMD (Flow-Mediated Dilation Japan) Study A. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	84
9	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
10	Pathophysiological Association between Diabetes Mellitus and Endothelial Dysfunction. <i>Antioxidants</i> , 2021, 10, 1306.	2.2	59
11	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
12	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
13	Bilirubin and Endothelial Function. <i>Journal of Atherosclerosis and Thrombosis</i> , 2019, 26, 688-696.	0.9	51
14	Hyperuricemia is independently associated with endothelial dysfunction in postmenopausal women but not in premenopausal women. <i>BMJ Open</i> , 2013, 3, e003659.	0.8	40
15	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
16	Relationship between serum triglyceride levels and endothelial function in a large community-based study. <i>Atherosclerosis</i> , 2016, 249, 70-75.	0.4	36
17	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
18	Dec1 and CLOCK Regulate Na ⁺ /K ⁺ -ATPase α 1 Subunit Expression and Blood Pressure. <i>Hypertension</i> , 2018, 72, 746-754.	1.3	32

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19	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
20	Systematic review of the clinical outcomes of mineralocorticoid receptor antagonist treatment versus adrenalectomy in patients with primary aldosteronism. <i>Hypertension Research</i> , 2019, 42, 817-824.	1.5	29
21	Pathophysiological Association of Endothelial Dysfunction with Fatal Outcome in COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5131.	1.8	29
22	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
23	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
24	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
25	Brachial artery diameter as a marker for cardiovascular risk assessment: FMD-J study. <i>Atherosclerosis</i> , 2018, 268, 92-98.	0.4	26
26	Relationship between nitroglycerine-induced vasodilation and clinical severity of peripheral artery disease. <i>Atherosclerosis</i> , 2014, 235, 65-70.	0.4	25
27	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
28	Critical Role of Exogenous Nitric Oxide in ROCK Activity in Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2014, 9, e109017.	1.1	21
29	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
30	Association of extremely high levels of high-density lipoprotein cholesterol with endothelial dysfunction in men. <i>Journal of Clinical Lipidology</i> , 2019, 13, 664-672.e1.	0.6	18
31	Target of Triglycerides as Residual Risk for Cardiovascular Events in Patients With Coronary Artery Disease Post Hoc Analysis of the FMD-J Study. <i>Circulation Journal</i> , 2019, 83, 1064-1071.	0.7	17
32	An overview of pharmacotherapy for cerebral vasospasm and delayed cerebral ischemia after subarachnoid hemorrhage. <i>Expert Opinion on Pharmacotherapy</i> , 2021, 22, 1601-1614.	0.9	17
33	Optimal Target Level of Low-density Lipoprotein Cholesterol for Vascular Function in Statin Naïve Individuals. <i>Scientific Reports</i> , 2017, 7, 8422.	1.6	15
34	Bach1 plays an important role in angiogenesis through regulation of oxidative stress. <i>Microvascular Research</i> , 2021, 134, 104126.	1.1	15
35	Relation of the Bilateral Earlobe Crease to Endothelial Dysfunction. <i>American Journal of Cardiology</i> , 2017, 119, 1983-1988.	0.7	14
36	Decreased frequency and duration of tooth brushing is a risk factor for endothelial dysfunction. <i>International Journal of Cardiology</i> , 2017, 241, 30-34.	0.8	14

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37	Effects of the Dipeptidyl Peptidase 4 Inhibitor Alogliptin on Blood Pressure in Hypertensive Patients with Type 2 Diabetes Mellitus. <i>American Journal of Hypertension</i> , 2019, 32, 695-702.	1.0	14
38	Smoking status and endothelial function in Japanese men. <i>Scientific Reports</i> , 2021, 11, 95.	1.6	14
39	Microvascular endothelial function is impaired in patients with idiopathic hyperaldosteronism. <i>Hypertension Research</i> , 2018, 41, 932-938.	1.5	13
40	Stair climbing activity and vascular function in patients with hypertension. <i>Hypertension Research</i> , 2021, 44, 1274-1282.	1.5	13
41	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
42	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
43	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
44	Ionizing Irradiation Induces Vascular Damage in the Aorta of Wild-Type Mice. <i>Cancers</i> , 2020, 12, 3030.	1.7	12
45	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
46	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
47	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
48	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
49	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
50	Vascular function is further impaired in subjects aged 80 years or older. <i>Hypertension Research</i> , 2020, 43, 914-921.	1.5	10
51	Lower triglyceride levels are associated with better endothelial function. <i>Journal of Clinical Lipidology</i> , 2021, 15, 500-511.	0.6	10
52	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
53	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
54	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

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55	Eplerenone improves endothelial function and arterial stiffness and inhibits Rho-associated kinase activity in patients with idiopathic hyperaldosteronism. <i>Journal of Hypertension</i> , 2019, 37, 1083-1095.	0.3	9
56	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
57	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
58	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
59	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
60	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
61	A body shape index is associated with endothelial dysfunction in both men and women. <i>Scientific Reports</i> , 2021, 11, 17873.	1.6	7
62	Association of Body Mass Index with Endothelial Function in Asian Men. <i>International Journal of Cardiology</i> , 2021, 324, 186-192.	0.8	6
63	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
64	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
65	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
66	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
67	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
68	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
69	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
70	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
71	Long-Term Effect of Febuxostat on Endothelial Function in Patients With Asymptomatic Hyperuricemia: A Sub-Analysis of the PRIZE Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 882821.	1.1	5
72	Reactive hyperemia-peripheral arterial tonometry is useful for assessment of not only endothelial function but also stenosis of the digital artery. <i>International Journal of Cardiology</i> , 2018, 260, 178-183.	0.8	4

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73	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
74	Short stature is associated with low flow-mediated vasodilation in Japanese men. <i>Hypertension Research</i> , 2021, , .	1.5	4
75	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
76	Implantation of Hypoxia-Induced Mesenchymal Stem Cell Advances Therapeutic Angiogenesis. <i>Stem Cells International</i> , 2022, 2022, 1-14.	1.2	4
77	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
78	Self-reported total sitting time on a non-working day is associated with blunted flow-mediated vasodilation and blunted nitroglycerine-induced vasodilation. <i>Scientific Reports</i> , 2022, 12, 6366.	1.6	4
79	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
80	Giant multiple xanthomas in familial hypercholesterolaemia. <i>European Heart Journal</i> , 2019, 40, 2831-2831.	1.0	3
81	Perspectives on the management of hypertension in Japan. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 1179-1187.	0.9	3
82	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
83	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
84	White blood cell count is not associated with flow-mediated vasodilation or nitroglycerine-induced vasodilation. <i>Scientific Reports</i> , 2022, 12, 8201.	1.6	3
85	Effects of Cerebral Blood Flow and Vessel Conditions on Speech Recognition in Patients With Postlingual Adult Cochlear Implant: Predictable Factors for the Efficacy of Cochlear Implant. <i>Ear and Hearing</i> , 2018, 39, 540-547.	1.0	2
86	Assessment of Lower-limb Vascular Endothelial Function Based on Enclosed Zone Flow-mediated Dilatation. <i>Scientific Reports</i> , 2018, 8, 9263.	1.6	2
87	Relationships Between Calcium Channel Blockers and Vascular Function Tests. <i>American Journal of Hypertension</i> , 2019, 32, 640-648.	1.0	2
88	Isolated cardiac metastases of hepatocellular carcinoma after resection: a case report. <i>Clinical Journal of Gastroenterology</i> , 2020, 13, 421-427.	0.4	2
89	Low-intensity pulsed ultrasound decreases major amputation in patients with critical limb ischemia: 5-year follow-up study. <i>PLoS ONE</i> , 2021, 16, e0256504.	1.1	2
90	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

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91	Endothelial Function and Oxidative Stress in X-Linked, gp91phox Deficiency, Chronic Granulomatous Disease. JACC: Case Reports, 2020, 2, 1480-1483.	0.3	1
92	Relationship between cell number and clinical outcomes of autologous bone-marrow mononuclear cell implantation in critical limb ischemia. Scientific Reports, 2020, 10, 19891.	1.6	1
93	Regenerative medicine for radiation emergencies. Journal of Radiation Research, 2021, 62, i21-i29.	0.8	1
94	Volume Elastic Modulus, Vascular Function, and Vascular Structure in Patients with Cardiovascular Risk Factors. Journal of Atherosclerosis and Thrombosis, 2021, 28, 963-973.	0.9	1
95	Non-Invasive Central Venous Pressure Measurement Using Enclosed-Zone Central Venous Pressure (ezCVP TM). Circulation Journal, 2020, 84, 1112-1117.	0.7	1
96	Isolated diastolic hypertension is not associated with endothelial dysfunction. Hypertension Research, 2022, 45, 698-707.	1.5	1
97	Clinical implication of impaired skin microvascular function in patients with hypertension. Hypertension Research, 2022, 45, 535-537.	1.5	1
98	Vascular Digit Injury in a College Baseball Player. Circulation Journal, 2018, 82, 2377.	0.7	0
99	Aneurysm involving distal fibular artery in a patient with Behçet's disease. European Heart Journal - Case Reports, 2020, 4, 1-2.	0.3	0