

# Tatsuya Maruhashi

## List of Publications by Year in descending order

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Version: 2024-02-01

99  
papers

2,189  
citations

257101

24  
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264894

42  
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docs citations

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times ranked

3076  
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#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Isolated diastolic hypertension is not associated with endothelial dysfunction. <i>Hypertension Research</i> , 2022, 45, 698-707.	1.5	1
4	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
5	Implantation of Hypoxia-Induced Mesenchymal Stem Cell Advances Therapeutic Angiogenesis. <i>Stem Cells International</i> , 2022, 2022, 1-14.	1.2	4
6	Clinical implication of impaired skin microvascular function in patients with hypertension. <i>Hypertension Research</i> , 2022, 45, 535-537.	1.5	1
7	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
8	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
9	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
10	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
11	Association of Body Mass Index with Endothelial Function in Asian Men. <i>International Journal of Cardiology</i> , 2021, 324, 186-192.	0.8	6
12	Smoking status and endothelial function in Japanese men. <i>Scientific Reports</i> , 2021, 11, 95.	1.6	14
13	Bach1 plays an important role in angiogenesis through regulation of oxidative stress. <i>Microvascular Research</i> , 2021, 134, 104126.	1.1	15
14	Regenerative medicine for radiation emergencies. <i>Journal of Radiation Research</i> , 2021, 62, i21-i29.	0.8	1
15	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
16	Pathophysiological Association of Endothelial Dysfunction with Fatal Outcome in COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5131.	1.8	29
17	Lower triglyceride levels are associated with better endothelial function. <i>Journal of Clinical Lipidology</i> , 2021, 15, 500-511.	0.6	10
18	Stair climbing activity and vascular function in patients with hypertension. <i>Hypertension Research</i> , 2021, 44, 1274-1282.	1.5	13

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19	Low-intensity pulsed ultrasound decreases major amputation in patients with critical limb ischemia: 5-year follow-up study. PLoS ONE, 2021, 16, e0256504.	1.1	2
20	Upstroke time as a marker of atherosclerosis in patients with diabetes mellitus who have a normal ankle-brachial index. Journal of Diabetes and Its Complications, 2021, 35, 108044.	1.2	3
21	Pathophysiological Association between Diabetes Mellitus and Endothelial Dysfunction. Antioxidants, 2021, 10, 1306.	2.2	59
22	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
23	A body shape index is associated with endothelial dysfunction in both men and women. Scientific Reports, 2021, 11, 17873.	1.6	7
24	Vascular Damage in the Aorta of Wild-Type Mice Exposed to Ionizing Radiation: Sparing and Enhancing Effects of Dose Protraction. Cancers, 2021, 13, 5344.	1.7	8
25	Short stature is associated with low flow-mediated vasodilation in Japanese men. Hypertension Research, 2021, , .	1.5	4
26	Falsely normalized ankle-brachial index despite the presence of lower-extremity peripheral artery disease: two case reports. Journal of Medical Case Reports, 2021, 15, 622.	0.4	5
27	Vascular Dysfunction Predicts Future Deterioration of Left Ventricular Ejection Fraction in Patients with Heart Failure with Mildly Reduced Ejection Fraction. Journal of Clinical Medicine, 2021, 10, 5980.	1.0	4
28	Isolated cardiac metastases of hepatocellular carcinoma after resection: a case report. Clinical Journal of Gastroenterology, 2020, 13, 421-427.	0.4	2
29	Ionizing Irradiation Induces Vascular Damage in the Aorta of Wild-Type Mice. Cancers, 2020, 12, 3030.	1.7	12
30	Endothelial Function and Oxidative Stress in X-Linked, gp91phox Deficiency, Chronic Granulomatous Disease. JACC: Case Reports, 2020, 2, 1480-1483.	0.3	1
31	Aneurysm involving distal fibular artery in a patient with Behçet's disease. European Heart Journal - Case Reports, 2020, 4, 1-2.	0.3	0
32	Low Levels of Low-Density Lipoprotein Cholesterol and Endothelial Function in Subjects without Lipid-Lowering Therapy. Journal of Clinical Medicine, 2020, 9, 3796.	1.0	4
33	Hematocrit, hemoglobin and red blood cells are associated with vascular function and vascular structure in men. Scientific Reports, 2020, 10, 11467.	1.6	28
34	Daily Low-intensity Pulsed Ultrasound Ameliorates Renal Fibrosis and Inflammation in Experimental Hypertensive and Diabetic Nephropathy. Hypertension, 2020, 76, 1906-1914.	1.3	12
35	Antithrombotic therapy for stroke prevention in patients with atrial fibrillation in Japan. Expert Opinion on Pharmacotherapy, 2020, 21, 2115-2124.	0.9	5
36	Pre-impaired fasting glucose state is a risk factor for endothelial dysfunction: Flow-mediated Dilation Japan (FMD-J) study. BMJ Open Diabetes Research and Care, 2020, 8, e001610.	1.2	7

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37	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
38	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
39	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
40	Perspectives on the management of hypertension in Japan. <i>Expert Opinion on Pharmacotherapy</i> , 2020, 21, 1179-1187.	0.9	3
41	Vascular function is further impaired in subjects aged 80 years or older. <i>Hypertension Research</i> , 2020, 43, 914-921.	1.5	10
42	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
43	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
44	Non-Invasive Central Venous Pressure Measurement Using Enclosed-Zone Central Venous Pressure (ezCVP <sup>TM</sup> ). <i>Circulation Journal</i> , 2020, 84, 1112-1117.	0.7	1
45	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
46	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
47	Bilirubin and Endothelial Function. <i>Journal of Atherosclerosis and Thrombosis</i> , 2019, 26, 688-696.	0.9	51
48	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
49	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
50	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
51	Relationships Between Calcium Channel Blockers and Vascular Function Tests. <i>American Journal of Hypertension</i> , 2019, 32, 640-648.	1.0	2
52	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
53	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
54	Target of Triglycerides as Residual Risk for Cardiovascular Events in Patients With Coronary Artery Disease—Post Hoc Analysis of the FMD-J Study A. <i>Circulation Journal</i> , 2019, 83, 1064-1071.	0.7	17

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55	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
56	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
57	Giant multiple xanthomas in familial hypercholesterolaemia. <i>European Heart Journal</i> , 2019, 40, 2831-2831.	1.0	3
58	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
59	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
60	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
61	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
62	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
63	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
64	Brachial artery diameter as a marker for cardiovascular risk assessment: FMD-J study. <i>Atherosclerosis</i> , 2018, 268, 92-98.	0.4	26
65	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
66	Vascular Digit Injury in a College Baseball Player. <i>Circulation Journal</i> , 2018, 82, 2377.	0.7	0
67	Physiological Diagnostic Criteria for Vascular Failure. <i>Hypertension</i> , 2018, 72, 1060-1071.	1.3	174
68	Hyperuricemia and endothelial function: From molecular background to clinical perspectives. <i>Atherosclerosis</i> , 2018, 278, 226-231.	0.4	140
69	Microvascular endothelial function is impaired in patients with idiopathic hyperaldosteronism. <i>Hypertension Research</i> , 2018, 41, 932-938.	1.5	13
70	Assessment of Lower-limb Vascular Endothelial Function Based on Enclosed Zone Flow-mediated Dilation. <i>Scientific Reports</i> , 2018, 8, 9263.	1.6	2
71	Endothelial Dysfunction, Increased Arterial Stiffness, and Cardiovascular Risk Prediction in Patients With Coronary Artery Disease: FMD-J (Flow-Mediated Dilation Japan) Study A. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	84
72	Dec1 and CLOCK Regulate Na <sup>+</sup> /K <sup>+</sup> -ATPase $\alpha$ 1 Subunit Expression and Blood Pressure. <i>Hypertension</i> , 2018, 72, 746-754.	1.3	32

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73	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
74	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
75	Relation of the Bilateral Earlobe Crease to Endothelial Dysfunction. <i>American Journal of Cardiology</i> , 2017, 119, 1983-1988.	0.7	14
76	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
77	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
78	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
79	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
80	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
81	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
82	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
83	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
84	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
85	Relationship between serum triglyceride levels and endothelial function in a large community-based study. <i>Atherosclerosis</i> , 2016, 249, 70-75.	0.4	36
86	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
87	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
88	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
89	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
90	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

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91	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
92	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
93	Oxidative stress and endothelial dysfunction: Clinical evidence and therapeutic implications. <i>Trends in Cardiovascular Medicine</i> , 2014, 24, 165-169.	2.3	136
94	Relationship between nitroglycerine-induced vasodilation and clinical severity of peripheral artery disease. <i>Atherosclerosis</i> , 2014, 235, 65-70.	0.4	25
95	Critical Role of Exogenous Nitric Oxide in ROCK Activity in Vascular Smooth Muscle Cells. <i>PLoS ONE</i> , 2014, 9, e109017.	1.1	21
96	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
97	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
98	Nitroglycerine-Induced Vasodilation for Assessment of Vascular Function. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013, 33, 1401-1408.	1.1	117
99	Hyperbilirubinemia, Augmentation of Endothelial Function, and Decrease in Oxidative Stress in Gilbert Syndrome. <i>Circulation</i> , 2012, 126, 598-603.	1.6	99