

Tsutomu Yamazaki

List of Publications by Year in descending order

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94
papers

4,916
citations

87723

38
h-index

91712

69
g-index

101
all docs

101
docs citations

101
times ranked

5002
citing authors

#	ARTICLE	IF	CITATIONS
1	Endothelin-1 Is Involved in Mechanical Stress-induced Cardiomyocyte Hypertrophy. Journal of Biological Chemistry, 1996, 271, 3221-3228.	1.6	315
2	Low-Dose Aspirin for Primary Prevention of Cardiovascular Events in Japanese Patients 60 Years or Older With Atherosclerotic Risk Factors. JAMA - Journal of the American Medical Association, 2014, 312, 2510.	3.8	257
3	Angiotensin II Partly Mediates Mechanical Stress-Induced Cardiac Hypertrophy. Circulation Research, 1995, 77, 258-265.	2.0	244
4	Mechanical stretch activates the stress-activated protein kinase in cardiac myocytes. FASEB Journal, 1996, 10, 631-636.	0.2	226
5	Optimal Treatment Strategy for Patients With Paroxysmal Atrial Fibrillation J-RHYTHM Study. Circulation Journal, 2009, 73, 242-248.	0.7	198
6	Protein Kinase C, but Not Tyrosine Kinases or Ras, Plays a Critical Role in Angiotensin II-induced Activation of Raf-1 Kinase and Extracellular Signal-regulated Protein Kinases in Cardiac Myocytes. Journal of Biological Chemistry, 1996, 271, 33592-33597.	1.6	196
7	Rho Family Small G Proteins Play Critical Roles in Mechanical Stress-Induced Hypertrophic Responses in Cardiac Myocytes. Circulation Research, 1999, 84, 458-466.	2.0	178
8	Elevated B-type natriuretic peptide levels after anthracycline administration. American Heart Journal, 1998, 136, 362-363.	1.2	157
9	Role of Ion Channels and Exchangers in Mechanical Stretch-Induced Cardiomyocyte Hypertrophy. Circulation Research, 1998, 82, 430-437.	2.0	154
10	Cell Type-Specific Angiotensin II-Evoked Signal Transduction Pathways. Circulation Research, 1998, 82, 337-345.	2.0	147
11	Both Gs and Gi Proteins Are Critically Involved in Isoproterenol-induced Cardiomyocyte Hypertrophy. Journal of Biological Chemistry, 1999, 274, 9760-9770.	1.6	139
12	Angiotensin II Stimulates c-Jun NH ₂ -Terminal Kinase in Cultured Cardiac Myocytes of Neonatal Rats. Circulation Research, 1997, 80, 139-146.	2.0	135
13	Randomized trial of angiotensin II-receptor blocker vs. dihydropyridine calcium channel blocker in the treatment of paroxysmal atrial fibrillation with hypertension (J-RHYTHM II Study). Europace, 2011, 13, 473-479.	0.7	115
14	Norepinephrine Induces the Raf-1 Kinase/Mitogen-Activated Protein Kinase Cascade Through Both α_1 - and β_2 -Adrenoceptors. Circulation, 1997, 95, 1260-1268.	1.6	114
15	Context-dependent Transcriptional Cooperation Mediated by Cardiac Transcription Factors Csx/Nkx-2.5 and GATA-4. Journal of Biological Chemistry, 1999, 274, 8231-8239.	1.6	111
16	Signalling Pathways for Cardiac Hypertrophy. Cellular Signalling, 1998, 10, 693-698.	1.7	87
17	Endothelial Dysfunction, Increased Arterial Stiffness, and Cardiovascular Risk Prediction in Patients With Coronary Artery Disease: FMD (Flow-Mediated Dilation Japan) Study A. Journal of the American Heart Association, 2018, 7, .	1.6	84
18	Role of the renin-angiotensin system in cardiac hypertrophy. American Journal of Cardiology, 1999, 83, 53-57.	0.7	83

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19	Prevalence, Awareness and Treatment of Cardiovascular Risk Factors in Patients at High Risk of Atherothrombosis in Japan Results From Domestic Baseline Data of the REduction of Atherothrombosis for Continued Health (REACH) Registry. <i>Circulation Journal</i> , 2007, 71, 995-1003.	0.7	82
20	Preoperative disinfection of the conjunctival sac with antibiotics and iodine compounds: A prospective randomized multicenter study. <i>Japanese Journal of Ophthalmology</i> , 2008, 52, 151-161.	0.9	82
21	Renoprotective Effect of Losartan in Comparison to Amlodipine in Patients with Chronic Kidney Disease and Hypertension-a Report of the Japanese Losartan Therapy Intended for the Global Renal Protection Hypertensive Patients (JLIGHT) Study. <i>Hypertension Research</i> , 2004, 27, 21-30.	1.5	69
22	Urotensin II induces hypertrophic responses in cultured cardiomyocytes from neonatal rats. <i>FEBS Letters</i> , 2001, 508, 57-60.	1.3	68
23	Diagnostic Criteria of Flow-Mediated Vasodilation for Normal Endothelial Function and Nitroglycerin-Induced 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
24	Molecular Cloning and Characterization of Human Cardiac Homeobox Gene <i>CSX1</i> . <i>Circulation Research</i> , 1996, 79, 920-929.	2.0	66
25	Atrial natriuretic peptide inhibits cardiomyocyte hypertrophy through mitogen-activated protein kinase phosphatase-1. <i>Biochemical and Biophysical Research Communications</i> , 2004, 322, 310-319.	1.0	64
26	Elevated Serum Uric Acid is an Independent Predictor for Cardiovascular Events in Patients With Severe Coronary Artery Stenosis Subanalysis of the Japanese Coronary Artery Disease (JCAD) Study. <i>Circulation Journal</i> , 2009, 73, 885-891.	0.7	62
27	Effects of Nicorandil on Cardiovascular Events in Patients With Coronary Artery Disease in the Japanese Coronary Artery Disease (JCAD) Study. <i>Circulation Journal</i> , 2010, 74, 503-509.	0.7	60
28	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
29	Investigation of the Optimal Treatment Strategy for Atrial Fibrillation in Japan-The J-RHYTHM (Japanese) Trial. <i>Journal of Intensive Care Medicine</i> , 2017, 32, 107-114.	0.7	56
30	Cardiovascular event rates in patients with cerebrovascular disease and atherothrombosis at other vascular locations: Results from 1-year outcomes in the Japanese REACH Registry. <i>Journal of the Neurological Sciences</i> , 2009, 287, 45-51.	0.3	53
31	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
32	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
33	A common Ile 823 Met variant of ATP-binding cassette transporter A1 gene (ABCA1) alters high density lipoprotein cholesterol level in Japanese population. <i>Atherosclerosis</i> , 2003, 169, 105-112.	0.4	48
34	Activation of p70 S6 protein kinase is necessary for angiotensin II-induced hypertrophy in neonatal rat cardiac myocytes. <i>FEBS Letters</i> , 1996, 379, 255-259.	1.3	47
35	Intensive Treat-to-Target Statin Therapy in High-Risk Japanese Patients With Hypercholesterolemia and Diabetic Retinopathy: Report of a Randomized Study. <i>Diabetes Care</i> , 2018, 41, 1275-1284.	4.3	43
36	Protein Kinase A and Protein Kinase C Synergistically Activate the Raf-1 Kinase/Mitogen-activated Protein Kinase Cascade in Neonatal Rat Cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 1997, 29, 2491-2501.	0.9	42

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37	The Molecular Mechanism of Cardiac Hypertrophy and Failure. <i>Annals of the New York Academy of Sciences</i> , 1999, 874, 38-48.	1.8	41
38	Continuous Blockade of L-Type Ca ²⁺ Channels Suppresses Activation of Calcineurin and Development of Cardiac Hypertrophy in Spontaneously Hypertensive Rats. <i>Hypertension Research</i> , 2002, 25, 117-124.	1.5	38
39	Assessment of Acute Myocardial Infarction in Japan by the Japanese Coronary Intervention Study (JCIS) Group. <i>Circulation Journal</i> , 2004, 68, 515-519.	0.7	38
40	Association measures of claims-based algorithms for common chronic conditions were assessed using regularly collected data in Japan. <i>Journal of Clinical Epidemiology</i> , 2018, 99, 84-95.	2.4	33
41	Efficient Inhibition of the Development of Cardiac Remodeling by a Long-Acting Calcium Antagonist Amlodipine. <i>Hypertension</i> , 1998, 31, 32-38.	1.3	30
42	Effects of Medication on Cardiovascular Events in the Japanese Coronary Artery Disease (JCAD) Study. <i>Circulation Journal</i> , 2007, 71, 1835-1840.	0.7	29
43	Elevated Serum C-Reactive Protein Levels Predict Cardiovascular Events in the Japanese Coronary Artery Disease (JCAD) Study. <i>Circulation Journal</i> , 2009, 73, 78-85.	0.7	27
44	Aspirin for Stroke Prevention in Elderly Patients With Vascular Risk Factors. <i>Stroke</i> , 2016, 47, 1605-1611.	1.0	27
45	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
46	Brachial artery diameter as a marker for cardiovascular risk assessment: FMD-J study. <i>Atherosclerosis</i> , 2018, 268, 92-98.	0.4	26
47	Screening for Cardiac Dysfunction in Asymptomatic Patients by Measuring B-type Natriuretic Peptide Levels. <i>International Heart Journal</i> , 2000, 41, 205-214.	0.6	24
48	Dual effects of the homeobox transcription factor Csx/Nkx2-5 on cardiomyocytes. <i>Biochemical and Biophysical Research Communications</i> , 2002, 298, 493-500.	1.0	24
49	Body Size and Atrial Fibrillation in Japanese Outpatients. <i>Circulation Journal</i> , 2010, 74, 66-70.	0.7	24
50	Japan Prevention Trial of Diabetes by Pitavastatin in Patients with Impaired Glucose Tolerance (the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 International, 2011, 2, 134-140.	0.7	24
51	Molecular aspects of mechanical stress-induced cardiac hypertrophy. <i>Molecular and Cellular Biochemistry</i> , 1996, 163-164, 197-201.	1.4	23
52	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
53	Interim evidence of the renoprotective effect of the angiotensin II receptor antagonist losartan versus the calcium channel blocker amlodipine in patients with chronic kidney disease and hypertension: a report of the Japanese Losartan Therapy Intended for Global Renal Protection in Hypertensive Patients (ILIGHT) Study. <i>Clinical and Experimental Nephrology</i> , 2003, 7, 221-230.	0.7	22
54	Rationale and Design of the Standard Versus Intensive Statin Therapy for Hypercholesterolemic Patients with Diabetic Retinopathy (EMPATHY) Study: a Randomized Controlled Trial. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016, 23, 976-990.	0.9	22

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55	Hypertrophic Responses of Cardiomyocytes Induced by Endothelin-1 through the Protein Kinase C-Dependent but Src and Ras-Independent Pathways.. Hypertension Research, 1999, 22, 113-119.	1.5	22
56	Echocardiographic predictors of frequency of paroxysmal atrial fibrillation (AF) and its progression to persistent AF in hypertensive patients with paroxysmal AF: Results from the Japanese Rhythm Management Trial II for Atrial Fibrillation (J-RHYTHM II Study). Heart Rhythm, 2011, 8, 1831-1836.	0.3	21
57	Pancreatic cysts in general population on ultrasonography: Prevalence and development of risk score. Journal of Gastroenterology, 2016, 51, 1133-1140.	2.3	20
58	Patient-generated health data collection using a wearable activity tracker in cancer patientsâ€”a feasibility study. Supportive Care in Cancer, 2020, 28, 5953-5961.	1.0	20
59	Rationale, design, and baseline data of the Japanese Primary Prevention Project (JPPP)â€”A randomized, open-label, controlled trial of aspirin versus no aspirin in patients with multiple risk factors for vascular events. American Heart Journal, 2010, 159, 361-369.e4.	1.2	19
60	Evaluation of human nonmercaptalbumin as a marker for oxidative stress and its association with various parameters in blood. Journal of Clinical Biochemistry and Nutrition, 2017, 61, 79-84.	0.6	18
61	Treatment strategy and clinical outcome in Japanese patients with atrial fibrillation. Heart and Vessels, 2009, 24, 287-293.	0.5	17
62	Target of Triglycerides as Residual Risk for Cardiovascular Events in Patients With Coronary Artery Diseaseâ€” Post Hoc Analysis of the FMD-J Study A â€”. Circulation Journal, 2019, 83, 1064-1071.	0.7	17
63	Randomized Study of Angiotensin II Type 1 Receptor Blocker vs Dihydropyridine Calcium Antagonist for the Treatment of Paroxysmal Atrial Fibrillation in Patients With Hypertension The J-RHYTHM II Study Design for the Investigation of Upstream Therapy for Atrial Fibrillation. Circulation Journal, 2006, 70, 1318-1321.	0.7	16
64	Left Cervical Aortic Arch With Aortic Coarctation and Saccular Aneurysm. Japanese Circulation Journal, 2000, 64, 544-546.	1.0	15
65	Beta-Blocker Prescription Among Japanese Cardiologists and Its Effect on Various Outcomes. Circulation Journal, 2010, 74, 962-969.	0.7	15
66	Achieving LDL cholesterol target levels <1.81 mmol/L may provide extra cardiovascular protection in patients at high risk: Exploratory analysis of the Standard Versus Intensive Statin Therapy for Patients with Hypercholesterolaemia and Diabetic Retinopathy study. Diabetes, Obesity and Metabolism, 2019, 21, 791-800.	2.2	15
67	Long-term safety and efficacy of alogliptin, a DPP-4 inhibitor, in patients with type 2 diabetes: a 3-year prospective, controlled, observational study (J-BRAND Registry). BMJ Open Diabetes Research and Care, 2021, 9, e001787.	1.2	15
68	Reversing Congestive Heart Failure With Endothelin Receptor Antagonists. Circulation, 1997, 95, 1752-1754.	1.6	15
69	Effects of daily aspirin on cancer incidence and mortality in the elderly Japanese. Research and Practice in Thrombosis and Haemostasis, 2018, 2, 274-281.	1.0	13
70	Low-Dose Aspirin for Primary Prevention of Cardiovascular Events in Elderly Japanese Patients with Atherosclerotic Risk Factors: Subanalysis of a Randomized Clinical Trial (JPPP-70). American Journal of Cardiovascular Drugs, 2019, 19, 299-311.	1.0	13
71	Prognosis of Myocardial Infarction With Left Ventricular Dysfunction in the Coronary Revascularization Era. Circulation Journal, 2014, 78, 2483-2491.	0.7	12
72	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. Hypertension Research, 2020, 43, 781-790.	1.5	12

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73	Comparison of Antiarrhythmics Used in Patients With Paroxysmal Atrial Fibrillation: Circulation Journal, 2010, 74, 71-76.	0.7	11
74	A Randomized Controlled Study to Compare the Effects of Rosuvastatin 5mg and Atorvastatin 10mg on the Plasma Lipid Profile in Japanese Patients with Hypercholesterolemia (ASTRO-2). Annals of Vascular Diseases, 2009, 2, 159-173.	0.2	9
75	Demographics and Changes in Medical/Interventional Treatment of Coronary Artery Disease Patients Over a 3.5-Year Period in Japan The Japanese Coronary Artery Disease Study: Trend Examination. Circulation Journal, 2008, 72, 1397-1402.	0.7	8
76	Gender Differences in Patients With Coronary Artery Disease in Japan. Circulation Journal, 2009, 73, 912-917.	0.7	8
77	Impact of Drug Alteration to Maintain Rhythm Control in Paroxysmal Atrial Fibrillation - Subanalysis From J-RHYTHM Study -. Circulation Journal, 2010, 74, 870-875.	0.7	8
78	Influence of blood pressure on the effects of low-dose aspirin in elderly patients with multiple atherosclerotic risks. Journal of Hypertension, 2019, 37, 1301-1307.	0.3	8
79	Endothelin-1 regulates normal cardiovascular development and cardiac cellular hypertrophy. Journal of Cardiac Failure, 1996, 2, S7-S12.	0.7	7
80	Usefulness of the SAGE score to predict elevated values of brachial-ankle pulse wave velocity in Japanese subjects with hypertension. Hypertension Research, 2020, 43, 1284-1292.	1.5	6
81	Evaluation of preferable insertion routes for esophagogastroduodenoscopy using ultrathin endoscopes. World Journal of Gastroenterology, 2014, 20, 5045.	1.4	6
82	A Randomized Controlled Study to Compare the Effects of Rosuvastatin 5 mg and Atorvastatin 10 mg on the Plasma Lipid Profile in Japanese Patients with Hypercholesterolemia (ASTRO-2). Annals of Vascular Diseases, 2009, 2, 159-73.	0.2	5
83	Changes in serum cholesterol levels determine future risk of cardiovascular events in patients with acute coronary syndrome in the Japanese Coronary Artery Disease (JCAD) Study. Journal of Cardiology, 2013, 61, 387-392.	0.8	4
84	Protocol for a large-scale prospective observational study with alogliptin in patients with type 2 diabetes: J-BRAND Registry. BMJ Open, 2014, 4, e004760-e004760.	0.8	4
85	Association between the quality of life and asymptomatic episodes of paroxysmal atrial fibrillation in the J-RHYTHM II study. Journal of Cardiology, 2014, 64, 64-69.	0.8	4
86	Association Between Waist-to-Height Ratio and Endothelial Dysfunction in Patients With Morbidity A Report From the FMD-J Study. Circulation Journal, 2017, 81, 1911-1918.	0.7	4
87	Exploring the Competencies of Japanese Expert Nurse Practitioners: A Thematic Analysis. Healthcare (Switzerland), 2021, 9, 1674.	1.0	4
88	Molecular Aspects of the Control of Myocardial Relaxation. , 1994, , 25-32.		3
89	Proposed New Score to Rate the Strength of Evidence and Its Application to Large-Scale Clinical Trials of Angiotensin-Receptor Blockers. Circulation Journal, 2006, 70, 1155-1158.	0.7	3
90	Eicosapentaenoic Acid (EPA) in Reducing Secondary Cardiovascular Events in Hypercholesterolemic Japanese Patients. Circulation Journal, 2009, 73, 1197-1198.	0.7	3

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91	A Randomized Controlled Study to Compare the Effects of Rosuvastatin 2.5mg and Pravastatin 10mg on the Plasma Lipid Profile in Japanese Patients with Hypercholesterolemia (ASTRO-1). <i>Annals of Vascular Diseases</i> , 2009, 2, 148-158.	0.2	1
92	SYSTEMATIZATION OF CRITICAL INFORMATION AND APPLICATION OF ADVANCED INFORMATION TECHNOLOGY TO MEDICAL SAFETY. <i>Sociotechnica</i> , 2003, 1, 383-390.	0.4	1
93	Experimental Studies on the Mechanism of Sound Conduction of the Ossicular Chain. <i>Audiology</i> , 1967, 10, 5-15.	0.0	0
94	A Randomized Controlled Study to Compare the Effects of Rosuvastatin 2.5 mg and Pravastatin 10 mg on the Plasma Lipid Profile in Japanese Patients with Hypercholesterolemia (ASTRO-1). <i>Annals of Vascular Diseases</i> , 2009, 2, 148-58.	0.2	0