

Masakazu Yamagishi

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

69 papers	5,921 citations	35 h-index	71 g-index
71 ext. papers	6,477 ext. citations	5.1 avg, IF	4.71 L-index

#	Paper	IF	Citations
69	Transplantation of mesenchymal stem cells improves cardiac function in a rat model of dilated cardiomyopathy. <i>Circulation</i> , 2005 , 112, 1128-35	16.7	549
68	New method for evaluating left ventricular wall motion by color-coded tissue Doppler imaging: in vitro and in vivo studies. <i>Journal of the American College of Cardiology</i> , 1995 , 25, 717-24	15.1	437
67	Hemodynamic and hormonal effects of human ghrelin in healthy volunteers. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2001 , 280, R1483-7	3.2	385
66	Elevated circulating level of ghrelin in cachexia associated with chronic heart failure: relationships between ghrelin and anabolic/catabolic factors. <i>Circulation</i> , 2001 , 104, 2034-8	16.7	374
65	Morphology of vulnerable coronary plaque: insights from follow-up of patients examined by intravascular ultrasound before an acute coronary syndrome. <i>Journal of the American College of Cardiology</i> , 2000 , 35, 106-11	15.1	348
64	Patternable solution-crystallized organic transistors with high charge carrier mobility. <i>Advanced Materials</i> , 2011 , 23, 1626-9	24	303
63	Effect of intensive statin therapy on regression of coronary atherosclerosis in patients with acute coronary syndrome: a multicenter randomized trial evaluated by volumetric intravascular ultrasound using pitavastatin versus atorvastatin (JAPAN-ACS [Japan assessment of pitavastatin and atorvastatin in coronary atherosclerosis]). <i>Journal of the American College of Cardiology</i> , 2011 , 57, 100-10	15.1	272
62	Myocardial velocity gradient as a new indicator of regional left ventricular contraction: detection by a two-dimensional tissue Doppler imaging technique. <i>Journal of the American College of Cardiology</i> , 1995 , 26, 217-23	15.1	272
61	Linear- and angular-shaped naphthodithiophenes: selective synthesis, properties, and application to organic field-effect transistors. <i>Journal of the American Chemical Society</i> , 2011 , 133, 5024-35	16.4	258
60	JCS 2017/JHFS 2017 Guideline on Diagnosis and Treatment of Acute and Chronic Heart Failure - Digest Version. <i>Circulation Journal</i> , 2019 , 83, 2084-2184	2.9	228
59	Intravascular ultrasound detection of atherosclerosis at the site of focal vasospasm in angiographically normal or minimally narrowed coronary segments. <i>Journal of the American College of Cardiology</i> , 1994 , 23, 352-7	15.1	176
58	Effect of rosuvastatin on coronary atheroma in stable coronary artery disease: multicenter coronary atherosclerosis study measuring effects of rosuvastatin using intravascular ultrasound in Japanese subjects (COSMOS). <i>Circulation Journal</i> , 2009 , 73, 2110-7	2.9	158
57	Two genetic variants of CD38 in subjects with autism spectrum disorder and controls. <i>Neuroscience Research</i> , 2010 , 67, 181-91	2.9	151
56	Acute hyperglycemia is associated with adverse outcome after acute myocardial infarction in the coronary intervention era. <i>American Heart Journal</i> , 2005 , 150, 814-20	4.9	138
55	The genetics underlying acquired long QT syndrome: impact for genetic screening. <i>European Heart Journal</i> , 2016 , 37, 1456-64	9.5	108
54	Activation of cardiac progenitor cells through paracrine effects of mesenchymal stem cells. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 374, 11-6	3.4	107
53	Elevated plasma ghrelin level in underweight patients with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 879-82	10.2	103

52	Impact of anti-apoptotic and anti-oxidative effects of bone marrow mesenchymal stem cells with transient overexpression of heme oxygenase-1 on myocardial ischemia. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010 , 298, H1320-9	5.2	88
51	Inch-Size Solution-Processed Single-Crystalline Films of High-Mobility Organic Semiconductors. <i>Applied Physics Express</i> , 2013 , 6, 076503	2.4	86
50	Analysis of Ventricular Wall Motion Using Color-Coded Tissue Doppler Imaging System. <i>Japanese Journal of Applied Physics</i> , 1994 , 33, 3141-3146	1.4	85
49	Gene and protein expression analysis of mesenchymal stem cells derived from rat adipose tissue and bone marrow. <i>Circulation Journal</i> , 2011 , 75, 2260-8	2.9	79
48	Peak negative myocardial velocity gradient in early diastole as a noninvasive indicator of left ventricular diastolic function: comparison with transmitral flow velocity indices. <i>Journal of the American College of Cardiology</i> , 1998 , 32, 1418-25	15.1	78
47	Diabetes mellitus is a major negative determinant of coronary plaque regression during statin therapy in patients with acute coronary syndrome--serial intravascular ultrasound observations from the Japan Assessment of Pitavastatin and Atorvastatin in Acute Coronary Syndrome Trial (the JAPAN-ACS Trial). <i>Circulation Journal</i> , 2013 , 77, 1115-74	2.9	74
46	Comparative usefulness of myocardial velocity gradient in detecting ischemic myocardium by a dobutamine challenge. <i>Journal of the American College of Cardiology</i> , 1998 , 31, 89-93	15.1	72
45	Assessment of coronary artery distensibility by intravascular ultrasound. Application of simultaneous measurements of luminal area and pressure. <i>Circulation</i> , 1995 , 91, 2904-10	16.7	71
44	Usefulness of myocardial velocity gradient derived from two-dimensional tissue Doppler imaging as an indicator of regional myocardial contraction independent of translational motion assessed in atrial septal defect. <i>American Journal of Cardiology</i> , 1997 , 79, 237-41	3	69
43	Bent-Shaped -Type Small-Molecule Organic Semiconductors: A Molecular Design Strategy for Next-Generation Practical Applications. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9083-9096	16.4	54
42	Relationship between advanced glycation end products and plaque progression in patients with acute coronary syndrome: the JAPAN-ACS sub-study. <i>Cardiovascular Diabetology</i> , 2013 , 12, 5	8.7	47
41	Comparison of blood glucose values on admission for acute myocardial infarction in patients with versus without diabetes mellitus. <i>American Journal of Cardiology</i> , 2009 , 104, 769-74	3	43
40	Altered expression balance of matrix metalloproteinases and their inhibitors in human carotid plaque disruption: results of quantitative tissue analysis using real-time RT-PCR method. <i>Atherosclerosis</i> , 2006 , 185, 165-72	3.1	42
39	Current perspectives in genetic cardiovascular disorders: from basic to clinical aspects. <i>Heart and Vessels</i> , 2014 , 29, 129-41	2.1	40
38	Plaque morphology at coronary sites with focal spasm in variant angina: study using intravascular ultrasound. <i>Circulation Journal</i> , 2003 , 67, 1041-5	2.9	40
37	More intensive lipid lowering is associated with regression of coronary atherosclerosis in diabetic patients with acute coronary syndrome--sub-analysis of JAPAN-ACS study. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010 , 17, 1096-107	4	38
36	Lesion severity and hypercholesterolemia determine long-term prognosis of vasospastic angina treated with calcium channel antagonists. <i>Circulation Journal</i> , 2003 , 67, 1029-35	2.9	38
35	Comparison of vessel wall morphologic appearance at sites of focal and diffuse coronary vasospasm by intravascular ultrasound. <i>American Heart Journal</i> , 1995 , 130, 440-5	4.9	38

34	Intravascular ultrasonic evidence for importance of plaque distribution (eccentric vs circumferential) in determining distensibility of the left anterior descending artery. <i>American Journal of Cardiology</i> , 1997 , 79, 1596-600	3	33
33	Japan assessment of pitavastatin and atorvastatin in acute coronary syndrome (JAPAN-ACS): rationale and design. <i>Circulation Journal</i> , 2006 , 70, 1624-8	2.9	32
32	Application of tissue Doppler imaging technique in evaluating early ventricular contraction associated with accessory atrioventricular pathways in Wolff-Parkinson-White syndrome. <i>American Heart Journal</i> , 1998 , 135, 99-106	4.9	31
31	Zigzag-Elongated Fused π -Electronic Core: A Molecular Design Strategy to Maximize Charge-Carrier Mobility. <i>Advanced Science</i> , 2018 , 5, 1700317	13.6	31
30	Non-synonymous single-nucleotide variations of the human oxytocin receptor gene and autism spectrum disorders: a case-control study in a Japanese population and functional analysis. <i>Molecular Autism</i> , 2013 , 4, 22	6.5	28
29	Rationale and design for a study using intravascular ultrasound to evaluate effects of rosuvastatin on coronary artery atheroma in Japanese subjects: COSMOS study (Coronary Atherosclerosis Study Measuring Effects of Rosuvastatin Using Intravascular Ultrasound in Japanese Subjects). <i>Circulation</i> , 2007 , 115, 2741-5	2.9	23
28	Usefulness of combined white blood cell count and plasma glucose for predicting in-hospital outcomes after acute myocardial infarction. <i>American Journal of Cardiology</i> , 2006 , 97, 1558-63	3	22
27	High HbA1c levels correlate with reduced plaque regression during statin treatment in patients with stable coronary artery disease: results of the coronary atherosclerosis study measuring effects of rosuvastatin using intravascular ultrasound in Japanese subjects (COSMOS). <i>Cardiovascular Diabetology</i> , 2012 , 11, 87	8.7	21
26	High performance solution-crystallized thin-film transistors based on V-shaped thieno[3,2-f:4,5-f']bis[1]benzothiophene semiconductors. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 1903-1909	7.1	19
25	Association Study between the CD157/BST1 Gene and Autism Spectrum Disorders in a Japanese Population. <i>Brain Sciences</i> , 2015 , 5, 188-200	3.4	19
24	Correlation between circulating adiponectin levels and coronary plaque regression during aggressive lipid-lowering therapy in patients with acute coronary syndrome: subgroup analysis of JAPAN-ACS study. <i>Atherosclerosis</i> , 2010 , 212, 237-42	3.1	19
23	Clinically evident polyvascular disease and regression of coronary atherosclerosis after intensive statin therapy in patients with acute coronary syndrome: serial intravascular ultrasound from the Japanese assessment of pitavastatin and atorvastatin in acute coronary syndrome (JAPAN-ACS) study. <i>Atherosclerosis</i> , 2014 , 242, 748-9	3.1	16
22	Effects of preinfarction angina pectoris on infarct size and in-hospital mortality after coronary intervention for acute myocardial infarction. <i>American Journal of Cardiology</i> , 2003 , 92, 840-3	3	15
21	Usefulness of the subendocardial myocardial velocity gradient in low-dose dobutamine stress echocardiography. <i>Heart and Vessels</i> , 2000 , 15, 11-7	2.1	15
20	Rapid changes in plaque composition and morphology after intensive lipid lowering therapy: study with serial coronary CT angiography. <i>American Journal of Cardiovascular Disease</i> , 2012 , 2, 84-8	0.9	14
19	Intravascular ultrasound evidence of angiographically undetected left main coronary artery disease and associated trauma during interventional procedures. <i>Heart and Vessels</i> , 1996 , 11, 262-8	2.1	13
18	Combined prognostic utility of white blood cell count, plasma glucose, and glomerular filtration rate in patients undergoing primary stent placement for acute myocardial infarction. <i>American Journal of Cardiology</i> , 2009 , 103, 322-7	3	12
17	Alkyl-Substituted Selenium-Bridged V-Shaped Organic Semiconductors Exhibiting High Hole Mobility and Unusual Aggregation Behavior. <i>Journal of the American Chemical Society</i> , 2020 , 142, 14974-14984	16.4	12

16	Impact of thin-cap fibroatheroma on predicting deteriorated coronary flow during interventional procedures in acute as well as stable coronary syndromes: insights from optical coherence tomography analysis. <i>Heart and Vessels</i> , 2015 , 30, 719-27	2.1	11
15	Impact of combined lipid lowering with blood pressure control on coronary plaque regression: rationale and design of MILLION study. <i>Heart and Vessels</i> , 2015 , 30, 580-6	2.1	10
14	Quantitative Assessment of Wall Motion Using Myocardial Strain. <i>Journal of Echocardiography</i> , 2003 , 1, 23-28	1.6	9
13	Myocardial velocity gradient reflects the severity of myocardial damage regardless of the presence or absence of mitral regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2003 , 16, 246-53	5.8	8
12	A Study of Single Nucleotide Polymorphisms of the SLC19A1/RFC1 Gene in Subjects with Autism Spectrum Disorder. <i>International Journal of Molecular Sciences</i> , 2016 , 17,	6.3	8
11	Soluble 2,6-Bis(4-pentylphenylethynyl)anthracene as a High Hole Mobility Semiconductor for Organic Field-effect Transistors. <i>Chemistry Letters</i> , 2016 , 45, 1403-1405	1.7	7
10	Clustering of metabolic syndrome components attenuates coronary plaque regression during intensive statin therapy in patients with acute coronary syndrome: the JAPAN-ACS subanalysis study. <i>Circulation Journal</i> , 2012 , 76, 2840-7	2.9	7
9	Impact of out-stent plaque volume on in-stent intimal hyperplasia: results from serial volumetric analysis with high-gain intravascular ultrasound. <i>International Journal of Cardiology</i> , 2012 , 158, 235-9	3.2	6
8	Impact of Total Risk Management on Coronary Plaque Regression in Diabetic Patients with Acute Coronary Syndrome. <i>Journal of Atherosclerosis and Thrombosis</i> , 2016 , 23, 922-31	4	6
7	Association between circulating matrix metalloproteinase levels and coronary plaque regression after acute coronary syndrome--subanalysis of the JAPAN-ACS study. <i>Atherosclerosis</i> , 2013 , 226, 275-80	3.1	5
6	Impact of intensive lipid lowering on lipid profiles over time and tolerability in stable coronary artery disease: insights from a subanalysis of the coronary atherosclerosis study measuring effects of rosuvastatin using intravascular ultrasound in Japanese subjects (COSMOS). <i>Cardiovascular Therapeutics</i> , 2013 , 31, 335-43	3.3	5
5	Effect of disease eccentricity on compensatory remodeling of coronary arteries: evidence from intravascular ultrasound before interventions. <i>International Journal of Cardiology</i> , 2002 , 86, 99-105	3.2	5
4	Oxygen- and Sulfur-bridged L-shaped EConjugated Molecules: Synthesis, Aggregated Structures, and Charge Transporting Behavior. <i>Asian Journal of Organic Chemistry</i> , 2018 , 7, 2309-2314	3	4
3	Effect of Reverse Vessel Remodeling on Regression of Coronary Atherosclerosis in Patients Treated With Aggressive Lipid- and Blood Pressure-Lowering Therapy - Insight From MILLION Study. <i>Circulation Journal</i> , 2017 , 81, 1490-1495	2.9	3
2	Impact of combined lipid lowering and blood pressure control on coronary plaque: myocardial ischemia treated by percutaneous coronary intervention and plaque regression by lipid lowering and blood pressure controlling assessed by intravascular ultrasonography (MILLION) study. <i>Heart and Vessels</i> , 2017 , 32, 539-548	2.1	2
1	Effect of Electronically Distinct Aromatic Substituents on the Molecular Assembly and Hole Transport of V-Shaped Organic Semiconductors. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 17503-17511	3.8	1