

# Yoshiki Matsuo

## List of Publications by Year in descending order

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Version: 2024-02-01

54  
papers

1,290  
citations

361413

20  
h-index

377865

34  
g-index

56  
all docs

56  
docs citations

56  
times ranked

1969  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Atorvastatin Therapy on Fibrous Cap Thickness in Coronary Atherosclerotic Plaque as Assessed by Optical Coherence Tomography. <i>Journal of the American College of Cardiology</i> , 2014, 64, 2207-2217.	2.8	219
2	Coronary atherosclerosis with vulnerable plaque and complicated lesions in transplant recipients: new insight into cardiac allograft vasculopathy by optical coherence tomography. <i>European Heart Journal</i> , 2013, 34, 2610-2617.	2.2	99
3	In vivo optical coherence tomography imaging and histopathology of healed coronary plaques. <i>Atherosclerosis</i> , 2018, 275, 35-42.	0.8	93
4	Vasa Vasorum Restructuring in Human Atherosclerotic Plaque Vulnerability. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2469-2477.	2.8	89
5	Comparison of cardiac MRI and 18F-FDG positron emission tomography manifestations and regional response to corticosteroid therapy in newly diagnosed cardiac sarcoidosis with complete heart block. <i>Heart Rhythm</i> , 2015, 12, 2477-2485.	0.7	70
6	Optical Coherence Tomography Predictors for Edge Restenosis After Everolimus-Eluting Stent Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	3.9	67
7	Diagnostic Accuracy of Quantitative Flow Ratio for Assessing Myocardial Ischemia in Prior Myocardial Infarction. <i>Circulation Journal</i> , 2018, 82, 807-814.	1.6	36
8	QFR Versus FFR Derived From Computed Tomography for Functional Assessment of Coronary Artery Stenosis. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2050-2059.	2.9	35
9	Impact of functional focal versus diffuse coronary artery disease on bypass graft patency. <i>International Journal of Cardiology</i> , 2016, 222, 16-21.	1.7	31
10	The Effect of Senescence of Endothelial Progenitor Cells on In-stent Restenosis in Patients Undergoing Coronary Stenting. <i>Internal Medicine</i> , 2006, 45, 581-587.	0.7	29
11	Effects of Plasma Adiponectin Levels on the Number and Function of Endothelial Progenitor Cells in Patients With Coronary Artery Disease. <i>Circulation Journal</i> , 2007, 71, 1376-1382.	1.6	29
12	Osteogenic monocytes within the coronary circulation and their association with plaque vulnerability in patients with early atherosclerosis. <i>International Journal of Cardiology</i> , 2015, 181, 57-64.	1.7	28
13	Impact of Plaque Rupture Detected by Optical Coherence Tomography on Transmural Extent of Infarction After Successful Stenting in ST-Segment Elevation Acute Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1025-1033.	2.9	27
14	Feasibility and Clinical Significance of In Vivo Cholesterol Crystal Detection Using Optical Coherence Tomography. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 220-229.	2.4	27
15	Repeated episodes of thrombosis as a potential mechanism of plaque progression in cardiac allograft vasculopathy. <i>European Heart Journal</i> , 2013, 34, 2905-2915.	2.2	26
16	The Effect of Endothelial Progenitor Cells on the Development of Collateral Formation in Patients with Coronary Artery Disease. <i>Internal Medicine</i> , 2008, 47, 127-134.	0.7	24
17	Effect of Early Pitavastatin Therapy on Coronary Fibrous-Cap Thickness Assessed by Optical Coherence Tomography in Patients With Acute Coronary Syndrome. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 829-838.	5.3	23
18	NIRS-IVUS for Differentiating Coronary Plaque Rupture, Erosion, and Calcified Nodule in Acute Myocardial Infarction. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1440-1450.	5.3	23

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19	Local Matrix Metalloproteinase 9 Level Determines Early Clinical Presentation of ST-Segmentâ€“Elevation Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2460-2467.	2.4	22
20	Association between hyperglycemia at admission and microvascular obstruction in patients with ST-segment elevation myocardial infarction. <i>Journal of Cardiology</i> , 2015, 65, 272-277.	1.9	21
21	Association of Toll-Like Receptor 4 on Human Monocyte Subsets and Vulnerability Characteristics of Coronary Plaque as Assessed by 64-Slice Multidetector Computed Tomography. <i>Circulation Journal</i> , 2017, 81, 837-845.	1.6	21
22	Difference of ruptured plaque morphology between asymptomatic coronary artery disease and non-ST elevation acute coronary syndrome patients: An optical coherence tomography study. <i>Atherosclerosis</i> , 2014, 235, 532-537.	0.8	20
23	Optical Coherence Tomography Comparison of Percutaneous Coronary Intervention Among Plaque Rupture, Erosion, and Calcified Nodule in Acute Myocardial Infarction. <i>Circulation Journal</i> , 2020, 84, 911-916.	1.6	19
24	Retrospective Comparison of Long-Term Clinical Outcomes Between Percutaneous Coronary Intervention and Medical Therapy in Stable Coronary Artery Disease With Gray Zone Fractional Flow Reserveâ€“COMFORTABLE Retrospective Study. <i>Circulation Journal</i> , 2018, 82, 3044-3051.	1.6	17
25	Three Dimensional Quantitative Coronary Angiography Can Detect Reliably Ischemic Coronary Lesions Based on Fractional Flow Reserve. <i>Journal of Korean Medical Science</i> , 2015, 30, 716.	2.5	15
26	Successful Stenting With Optical Frequency Domain Imaging Guidance For Spontaneous Coronary Artery Dissection. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, e83-e85.	2.9	15
27	Comparison of vascular response between everolimus-eluting stent and bare metal stent implantation in ST-segment elevation myocardial infarction assessed by optical coherence tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 513-520.	1.2	14
28	Prognosis of spontaneous coronary artery dissection treated by percutaneous coronary intervention with optical coherence tomography. <i>Journal of Cardiology</i> , 2017, 70, 524-529.	1.9	14
29	Lesion characteristics and prognosis of acute coronary syndrome without angiographically significant coronary artery stenosis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 21, 202-209.	1.2	12
30	Assessment of decreased left ventricular longitudinal deformation in asymptomatic patients with organic mitral regurgitation and preserved ejection fraction using tissueâ€“tracking mitral annular displacement by speckleâ€“tracking echocardiography. <i>Echocardiography</i> , 2019, 36, 678-686.	0.9	11
31	Optimal threshold of postintervention minimum stent area to predict inâ€“stent restenosis in small coronary arteries: An optical coherence tomography analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, E9-E14.	1.7	10
32	Reduction of in-stent thrombus immediately after percutaneous coronary intervention by pretreatment with prasugrel compared with clopidogrel: An optical coherence tomography study. <i>Journal of Cardiology</i> , 2017, 69, 436-441.	1.9	10
33	Imaging assessment and accuracy in coronary artery autopsy: comparison of frequency-domain optical coherence tomography with intravascular ultrasound and histology. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1785-1790.	1.5	10
34	Association of Hemodynamic Severity With Plaque Vulnerability and Complexity of Coronary Artery Stenosis. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 1103-1105.	5.3	9
35	The inter-study reproducibility of instantaneous wave-free ratio and angiography coregistration. <i>Journal of Cardiology</i> , 2020, 75, 507-512.	1.9	9
36	Clinical Utility of Combined Optical Coherence Tomography and Near-Infrared Spectroscopy for Assessing the Mechanism of Very Late Stent Thrombosis. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 772-775.	5.3	8

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37	Global longitudinal strain evaluated by speckle-tracking echocardiography as a surrogate marker for predicting replacement fibrosis detected by magnetic resonance late gadolinium enhancement in patients with nonischemic cardiomyopathy. <i>Journal of Clinical Ultrasound</i> , 2021, 49, 479-487.	0.8	8
38	The relationship between timing of prasugrel pretreatment and in-stent thrombus immediately after percutaneous coronary intervention for acute coronary syndrome: an optical coherence tomography study. <i>Heart and Vessels</i> , 2018, 33, 1159-1167.	1.2	7
39	Value of tissue-tracking tricuspid annular plane by speckle-tracking echocardiography for the assessment of right ventricular systolic dysfunction. <i>Echocardiography</i> , 2019, 36, 110-118.	0.9	7
40	Effects of intravenous bolus injection of nicorandil on renal artery flow velocity assessed by color Doppler ultrasound. <i>Journal of Cardiology</i> , 2017, 69, 364-368.	1.9	5
41	High-density lipoprotein cholesterol as a therapeutic target for residual risk in patients with acute coronary syndrome. <i>PLoS ONE</i> , 2018, 13, e0200383.	2.5	5
42	Impact of instantaneous wave-free ratio on graft failure after coronary artery bypass graft surgery. <i>International Journal of Cardiology</i> , 2021, 324, 23-29.	1.7	4
43	The use of optical coherence tomography in acute coronary syndrome. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 649-657.	1.5	3
44	Noninvasive assessment of left ventricular end-diastolic pressure by deceleration time of early diastolic mitral annular velocity in patients with heart failure. <i>Echocardiography</i> , 2017, 34, 1292-1298.	0.9	3
45	Preoperative left atrial minimum volume as a surrogate marker of postoperative symptoms in senile patients with aortic stenosis who underwent surgical aortic valve replacement. <i>Journal of Cardiology</i> , 2019, 74, 366-371.	1.9	3
46	Stabilization of High Risk Coronary Plaque on Optical Coherence Tomography and Near-Infrared Spectroscopy by Intensive Lipid-Lowering Therapy With Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) Inhibitor. <i>Circulation Journal</i> , 2019, 83, 1765.	1.6	3
47	Intracoronary pressure increase due to contrast injection for optical coherence tomography imaging. <i>Journal of Cardiology</i> , 2020, 75, 296-301.	1.9	3
48	Automated lipid-rich plaque detection with short wavelength infra-red OCT system. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1174-1178.	1.2	2
49	Current Clinical Applications of Intravascular Optical Coherence Tomography in Coronary Artery Disease. <i>Annals of Nuclear Cardiology</i> , 2018, 4, 127-131.	0.2	2
50	Expression of Cyclophilin A in Coronary Artery Plaque with Intraplaque Hemorrhage Is More Frequent in Deceased Patients Who Had Impaired Kidney Function. <i>International Heart Journal</i> , 2020, 61, 1129-1134.	1.0	2
51	Assessment of myocardial damage after acute myocardial infarction by diastolic deceleration time of coronary flow velocity using echocardiography and contrast-enhanced magnetic resonance imaging. <i>Echocardiography</i> , 2020, 37, 1981-1988.	0.9	1
52	Very late-phase vascular response after everolimus-eluting stent implantation assessed by optical coherence tomography. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1627-1635.	1.5	0
53	Extent of the difference between microcatheter and pressure wire-derived fractional flow reserve and its relation to optical coherence tomography-derived parameters. <i>IJC Heart and Vasculature</i> , 2020, 27, 100500.	1.1	0
54	Current status and future perspectives of optical coherence tomography in percutaneous coronary intervention. <i>Journal of the Japanese Coronary Association</i> , 2016, 22, 1-8.	0.0	0