

Jiro Aoki

List of Publications by Year in descending order

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74
papers

6,254
citations

126907

33
h-index

76900

74
g-index

76
all docs

76
docs citations

76
times ranked

4679
citing authors

#	ARTICLE	IF	CITATIONS
1	Catheter-based renal denervation in patients with uncontrolled hypertension in the absence of antihypertensive medications (SPYRAL HTN-OFF MED): a randomised, sham-controlled, proof-of-concept trial. <i>Lancet, The</i> , 2017, 390, 2160-2170.	13.7	597
2	Effect of renal denervation on blood pressure in the presence of antihypertensive drugs: 6-month efficacy and safety results from the SPYRAL HTN-ON MED proof-of-concept randomised trial. <i>Lancet, The</i> , 2018, 391, 2346-2355.	13.7	597
3	Endothelial Progenitor Cell Capture by Stents Coated With Antibody Against CD34. <i>Journal of the American College of Cardiology</i> , 2005, 45, 1574-1579.	2.8	510
4	Thirty-day incidence and six-month clinical outcome of thrombotic stent occlusion after bare-metal, sirolimus, or paclitaxel stent implantation. <i>Journal of the American College of Cardiology</i> , 2005, 45, 947-953.	2.8	413
5	Efficacy of catheter-based renal denervation in the absence of antihypertensive medications (SPYRAL) Tj ETQq1 1 0.784314 rgBT /Overle 1444-1451.	13.7	351
6	Short- and Long-Term Clinical Outcome After Drug-Eluting Stent Implantation for the Percutaneous Treatment of Left Main Coronary Artery Disease. <i>Circulation</i> , 2005, 111, 1383-1389.	1.6	305
7	Long-Term Outcomes After Stenting of Bifurcation Lesions With the "Crush" Technique. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1949-1958.	2.8	228
8	The unrestricted use of paclitaxel- versus sirolimus-eluting stents for coronary artery disease in an unselected population. <i>Journal of the American College of Cardiology</i> , 2005, 45, 1135-1141.	2.8	204
9	Noncardiac Findings in Cardiac Imaging With Multidetector Computed Tomography. <i>Journal of the American College of Cardiology</i> , 2006, 48, 402-406.	2.8	201
10	Significant reduction in restenosis after the use of sirolimus-eluting stents in the treatment of chronic total occlusions. <i>Journal of the American College of Cardiology</i> , 2004, 43, 1954-1958.	2.8	194
11	Incidence and clinical impact of coronary stent fracture after sirolimus-eluting stent implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2007, 69, 380-386.	1.7	179
12	Coronary Artery Aneurysms After Drug-Eluting Stent Implantation. <i>JACC: Cardiovascular Interventions</i> , 2008, 1, 14-21.	2.9	175
13	Early Stent Thrombosis in Patients With Acute Coronary Syndromes Treated With Drug-Eluting and Bare Metal Stents. <i>Circulation</i> , 2009, 119, 687-698.	1.6	172
14	Clinical Outcomes After Heterogeneous Overlap Stenting With Drug-Eluting Stents and Bare-Metal Stents for de Novo Coronary Artery Narrowings. <i>American Journal of Cardiology</i> , 2008, 101, 58-62.	1.6	162
15	5-Year Clinical Outcomes After Sirolimus-Eluting Stent Implantation. <i>Journal of the American College of Cardiology</i> , 2009, 54, 894-902.	2.8	142
16	Restenosis rates following bifurcation stenting with sirolimus-eluting stents for de novo narrowings. <i>American Journal of Cardiology</i> , 2004, 94, 115-118.	1.6	124
17	Sirolimus-Eluting Versus Paclitaxel-Eluting Stent Implantation for the Percutaneous Treatment of Left Main Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2006, 47, 507-514.	2.8	100
18	Persistent Remodeling and Neointimal Suppression 2 Years After Polymer-Based, Paclitaxel-Eluting Stent Implantation. <i>Circulation</i> , 2005, 112, 3876-3883.	1.6	96

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19	Classification and Potential Mechanisms of Intravascular Ultrasound Patterns of Stent Fracture. American Journal of Cardiology, 2009, 103, 818-823.	1.6	90
20	Evaluation of Four-Year Coronary Artery Response After Sirolimus-Eluting Stent Implantation Using Serial Quantitative Intravascular Ultrasound and Computer-Assisted Grayscale Value Analysis for Plaque Composition in Event-Free Patients. Journal of the American College of Cardiology, 2005, 46, 1670-1676.	2.8	87
21	The impact of metallic allergy on stent implantation. International Journal of Cardiology, 2005, 104, 319-325.	1.7	77
22	Efficacy of culprit plaque assessment by 64-slice multidetector computed tomography to predict transient no-reflow phenomenon during percutaneous coronary intervention. American Heart Journal, 2008, 155, 1150-1157.	2.7	75
23	â€œFull metal jacketâ€•(stented length â‰¥64 mm) using drug-eluting stents for de novo coronary artery lesions. American Heart Journal, 2005, 150, 994-999.	2.7	74
24	Impact of renal insufficiency on clinical and angiographic outcomes following percutaneous coronary intervention with sirolimus-eluting stents. Catheterization and Cardiovascular Interventions, 2007, 69, 808-814.	1.7	66
25	Five year clinical effect of coronary stenting and coronary artery bypass grafting in renal insufficient patients with multivessel coronary artery disease: insights from ARTS trial. European Heart Journal, 2005, 26, 1488-1493.	2.2	63
26	Clinical expert consensus document on quantitative coronary angiography from the Japanese Association of Cardiovascular Intervention and Therapeutics. Cardiovascular Intervention and Therapeutics, 2020, 35, 105-116.	2.3	63
27	CVIT expert consensus document on primary percutaneous coronary intervention (PCI) for acute myocardial infarction (AMI) update 2022. Cardiovascular Intervention and Therapeutics, 2022, 37, 1-34.	2.3	62
28	Effectiveness of Drug-Eluting Stent Implantation for Patients With Unprotected Left Main Coronary Artery Stenosis. American Journal of Cardiology, 2008, 101, 801-806.	1.6	59
29	Comparison of Short- (One Month) and Long- (Twelve Months) Term Outcomes of Sirolimus- Versus Paclitaxel-Eluting Stents in 293 Consecutive Patients With Diabetes Mellitus (from the RESEARCH and) Tj ETQq1 1 0784314agBT /Over	1.6	59
30	Renal Denervation in Asia. Hypertension, 2020, 75, 590-602.	2.7	50
31	Mechanisms of drug-eluting stent restenosis. Cardiovascular Intervention and Therapeutics, 2021, 36, 23-29.	2.3	44
32	Clinical and Angiographic Outcomes of Sirolimus-Eluting Stents Implantation in Japanese Patients in Daily Practice. Circulation Journal, 2006, 70, 1367-1371.	1.6	41
33	Clinical and Angiographic Outcomes Following Percutaneous Coronary Intervention With Sirolimus-Eluting Stents Versus Bare-Metal Stents in Hemodialysis Patients. American Journal of Kidney Diseases, 2009, 54, 299-306.	1.9	40
34	Renal denervation: basic and clinical evidence. Hypertension Research, 2022, 45, 198-209.	2.7	35
35	Percutaneous therapy of bifurcation lesions with drugâ€•eluting stent implantation: the Culotte technique revisited. International Journal of Cardiovascular Interventions, 2005, 7, 36-40.	0.5	32
36	Evaluation of objective nutritional indexes as predictors of one-year outcomes after transcatheter aortic valve implantation. Journal of Cardiology, 2019, 74, 34-39.	1.9	32

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37	Three-Year Clinical Outcomes of Everolimus-Eluting Stents From the Post-Marketing Surveillance Study of Cobalt-Chromium Everolimus-Eluting Stent (XIENCE V/PROMUS) in Japan. <i>Circulation Journal</i> , 2016, 80, 906-912.	1.6	31
38	Impact of Culprit Plaque Composition on the No-Reflow Phenomenon in Patients With Acute Coronary Syndrome An Intravascular Ultrasound Radiofrequency Analysis. <i>Circulation Journal</i> , 2008, 72, 1235-1241.	1.6	30
39	Cardiovascular Disease in Patients with End-Stage Renal Disease on Hemodialysis. <i>Annals of Vascular Diseases</i> , 2017, 10, 327-337.	0.5	29
40	Clinical Outcome of Percutaneous Transluminal Coronary Rotational Atherectomy in Patients With End-Stage Renal Disease. <i>Circulation Journal</i> , 2003, 67, 617-621.	1.6	27
41	Angiographic findings of everolimus-eluting as compared to sirolimus-eluting stents: angiographic sub-study from the Randomized Evaluation of Sirolimus-eluting versus Everolimus-eluting stent Trial (RESET). <i>Cardiovascular Intervention and Therapeutics</i> , 2013, 28, 344-351.	2.3	24
42	Impact of abdominal fat distribution, visceral fat, and subcutaneous fat on coronary plaque scores assessed by 320-row computed tomography coronary angiography. <i>Atherosclerosis</i> , 2019, 287, 155-161.	0.8	23
43	Geometrical validation of intravascular ultrasound radiofrequency data analysis (Virtual Histology) acquired with a 30 MHz boston scientific corporation imaging catheter. <i>Catheterization and Cardiovascular Interventions</i> , 2005, 66, 514-518.	1.7	21
44	Sirolimus-Eluting Stents Suppress Neointimal Formation Irrespective of Metallic Allergy. <i>Circulation Journal</i> , 2008, 72, 893-896.	1.6	20
45	Relationship Between Coronary Artery Remodeling and Plaque Composition in Culprit Lesions An Intravascular Ultrasound Radiofrequency Analysis. <i>Circulation Journal</i> , 2007, 71, 654-660.	1.6	19
46	Impact of Coronary Calcium on Outcome Following Sirolimus-Eluting Stent Implantation. <i>American Journal of Cardiology</i> , 2011, 108, 514-517.	1.6	18
47	Five-year clinical outcomes of everolimus-eluting stents from the post marketing study of CoCr-EES (XIENCE V/PROMUS) in Japan. <i>Cardiovascular Intervention and Therapeutics</i> , 2019, 34, 40-46.	2.3	17
48	Proximal optimisation technique versus final kissing balloon inflation in coronary bifurcation lesions: the randomised, multicentre PROPOT trial. <i>EuroIntervention</i> , 2021, 17, 747-756.	3.2	16
49	One-year clinical outcome of various doses and pharmacokinetic release formulations of paclitaxel eluted from an erodable polymer - Insight in the Paclitaxel In-Stent Controlled Elution Study (PISCES). <i>EuroIntervention</i> , 2005, 1, 165-72.	3.2	14
50	Coronary Revascularization Improves Long-Term Prognosis in Diabetic and Nondiabetic End-Stage Renal Disease.. <i>Circulation Journal</i> , 2002, 66, 595-599.	1.6	12
51	The impact of coronary calcification on angiographic and 3-year clinical outcomes of everolimus-eluting stents: results of a XIENCE V/PROMUS post-marketing surveillance study. <i>Cardiovascular Intervention and Therapeutics</i> , 2018, 33, 313-320.	2.3	12
52	Hemodynamic correlates of nutritional indexes in heart failure. <i>Journal of Cardiology</i> , 2018, 71, 557-563.	1.9	12
53	Comparison of three-year outcomes after coronary stenting versus coronary artery bypass grafting in patients with multivessel coronary disease, including involvement of the left anterior descending coronary artery proximally (a subanalysis of the arterial revascularization therapies study trial). <i>American Journal of Cardiology</i> , 2004, 94, 627-631.	1.6	11
54	Prognostic Impact of Computed Tomography-Derived Abdominal Fat Area on Transcatheter Aortic Valve Implantation. <i>Circulation Journal</i> , 2018, 82, 3082-3089.	1.6	11

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55	Initial characterization of Ikari Guide catheter for transradial coronary intervention. <i>Journal of Invasive Cardiology</i> , 2004, 16, 65-8.	0.4	11
56	Incidence and Predictors for Late Target Lesion Revascularization After Sirolimus-Eluting Stent Implantation. <i>Circulation Journal</i> , 2013, 77, 988-994.	1.6	10
57	Chronic Arterial Responses to Overlapping Paclitaxel-Eluting Stents. <i>JACC: Cardiovascular Interventions</i> , 2008, 1, 161-167.	2.9	9
58	Effect of combination of non-slip element balloon and drug-coating balloon for in-stent restenosis lesions (ELEGANT study). <i>Journal of Cardiology</i> , 2019, 74, 436-442.	1.9	9
59	Treatment of coronary artery disease in dialysis patients with sirolimus-eluting stents: 1-year clinical follow-up of a consecutive series of cases. <i>Journal of Invasive Cardiology</i> , 2004, 16, 685-7.	0.4	9
60	Impact of stent type and prolonged dual antiplatelet therapy on long-term clinical outcomes in hemodialysis patients with coronary artery disease. <i>Cardiovascular Intervention and Therapeutics</i> , 2018, 33, 84-94.	2.3	8
61	Sirolimus-Eluting Stent Implantation for Chronic Total Occlusion of the Left Main Coronary Artery. <i>Journal of Interventional Cardiology</i> , 2005, 18, 65-69.	1.2	7
62	Intravascular ultrasound-guided chronic total occlusion wiring technique using 6 Fr catheters via bilateral transradial approach. <i>Cardiovascular Intervention and Therapeutics</i> , 2015, 30, 68-71.	2.3	7
63	Association of Dyslipidemia and Sex With Coronary Artery Calcium Assessed by Coronary Computed Tomography Angiography. <i>International Heart Journal</i> , 2017, 58, 695-703.	1.0	7
64	Prognostic impact of arterial stiffness following transcatheter aortic valve replacement. <i>Journal of Cardiology</i> , 2021, 78, 37-43.	1.9	7
65	Association of onset-season with characteristics and long-term outcomes in acute myocardial infarction patients: results from the Japanese registry of acute myocardial infarction diagnosed by universal definition (J-MINUET) substudy. <i>Heart and Vessels</i> , 2019, 34, 1899-1908.	1.2	6
66	Relative atherosclerotic plaque volume by CT coronary angiography trumps conventional stenosis assessment for identifying flow-limiting lesions. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1847-1855.	1.5	5
67	Impact of Residual Stenosis on the Angiographic Edge Restenosis of a Second-Generation Drug-Eluting Stent. <i>International Heart Journal</i> , 2019, 60, 1050-1060.	1.0	4
68	Impact of Mild or Moderate Renal Insufficiency on the Intravascular Ultrasonic Analysis of Chronic Vascular Response to Paclitaxel-Eluting and Bare-Metal Stents (from the TAXUS IV, V, and VI Trials). <i>American Journal of Cardiology</i> , 2008, 102, 1009-1016.	1.6	3
69	Impact of Serum Phosphorus Levels on Outcomes After Implantation of Drug-Eluting Stents in Patients on Hemodialysis. <i>Circulation Journal</i> , 2018, 82, 388-395.	1.6	3
70	Impact of hemodialysis on clinical and angiographic outcomes in in-stent restenotic lesions following optical coherence tomography-guided drug-coated balloon treatment. <i>Cardiovascular Intervention and Therapeutics</i> , 2021, 36, 429-435.	2.3	3
71	Malnutrition, hemodynamics and inflammation in heart failure with reduced, mildly reduced and preserved ejection fraction. <i>Heart and Vessels</i> , 2022, , .	1.2	3
72	Clinical Predictors of Coronary Artery Plaque Progression by Quantitative Serial Assessment Using 320-Row Computed Tomography Coronary Angiography in Asymptomatic Patients with Type 2 Diabetes Mellitus. <i>Journal of Cardiology</i> , 2020, 76, 378-384.	1.9	2

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73	The efficacy of sirolimus-eluting stents versus bare metal stents for diabetic patients undergoing elective percutaneous coronary intervention. <i>Journal of Invasive Cardiology</i> , 2005, 17, 344-8.	0.4	1
74	Signet ring-like appearance: specific feature of vulnerable plaques detected by 320-slice multidetector computed tomography. <i>EuroIntervention</i> , 2014, 9, 1248-1248.	3.2	0