

Yasuhiro Honda

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181
papers

6,493
citations

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76
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275
ext. papers

7,275
ext. citations

4.8
avg, IF

5.03
L-index

#	Paper	IF	Citations
181	Consensus standards for acquisition, measurement, and reporting of intravascular optical coherence tomography studies: a report from the International Working Group for Intravascular Optical Coherence Tomography Standardization and Validation. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1058-72	15.1	1216
180	Transient left ventricular dysfunction under severe stress: brain-heart relationship revisited. <i>American Journal of Medicine</i> , 2006 , 119, 10-7	2.4	396
179	Impact of final stent dimensions on long-term results following sirolimus-eluting stent implantation: serial intravascular ultrasound analysis from the sirius trial. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 1959-63	15.1	362
178	Predictors and outcomes of stent thrombosis: an intravascular ultrasound registry. <i>European Heart Journal</i> , 2002 , 23, 124-32	9.5	201
177	Comparisons of baseline demographics, clinical presentation, and long-term outcome among patients with early, late, and very late stent thrombosis of sirolimus-eluting stents: Observations from the Registry of Stent Thrombosis for Review and Reevaluation (RESTART). <i>Circulation</i> , 2010 , 122, 52-61	16.7	197
176	Late incomplete stent apposition after sirolimus-eluting stent implantation: a serial intravascular ultrasound analysis. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 1002-5	15.1	196
175	Six- and twelve-month results from first human experience using everolimus-eluting stents with bioabsorbable polymer. <i>Circulation</i> , 2004 , 109, 2168-71	16.7	164
174	Troglitazone reduces neointimal tissue proliferation after coronary stent implantation in patients with non-insulin dependent diabetes mellitus: a serial intravascular ultrasound study. <i>Journal of the American College of Cardiology</i> , 2000 , 36, 1529-35	15.1	161
173	Anatomic and functional evaluation of bifurcation lesions undergoing percutaneous coronary intervention. <i>Circulation: Cardiovascular Interventions</i> , 2010 , 3, 113-9	6	125
172	Local determinants of thrombus formation following sirolimus-eluting stent implantation assessed by optical coherence tomography. <i>JACC: Cardiovascular Interventions</i> , 2009 , 2, 459-66	5	110
171	A Y-shaped bifurcation-dedicated stent for the treatment of de novo coronary bifurcation lesions: an IVUS analysis from the BRANCH trial. <i>EuroIntervention</i> , 2015 , 10, e1-8	3.1	107
170	Stent thrombosis: an issue revisited in a changing world. <i>Circulation</i> , 2003 , 108, 2-5	16.7	104
169	Predictors of edge stenosis following sirolimus-eluting stent deployment (a quantitative intravascular ultrasound analysis from the SIRIUS trial). <i>American Journal of Cardiology</i> , 2005 , 96, 1251-3 ³		104
168	Predictors of adverse clinical outcomes after successful infrapopliteal intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2012 , 80, 861-71	2.7	99
167	Sirolimus (rapamycin) halts and reverses progression of allograft vascular disease in non-human primates. <i>Transplantation</i> , 2000 , 70, 969-75	1.8	95
166	7-hexanoyltaxol-eluting stent for prevention of neointimal growth: an intravascular ultrasound analysis from the Study to COmpare REstenosis rate between QueST and QuaDS-QP2 (SCORE). <i>Circulation</i> , 2002 , 106, 1788-93	16.7	85
165	Novel drug-delivery stent: intravascular ultrasound observations from the first human experience with the QP2-eluting polymer stent system. <i>Circulation</i> , 2001 , 104, 380-3	16.7	80

164	Comparison of vascular response to zotarolimus-eluting stent versus sirolimus-eluting stent: intravascular ultrasound results from ENDEAVOR III. <i>American Heart Journal</i> , 2008 , 155, 108-13	4.9	73
163	Frontiers in intravascular imaging technologies. <i>Circulation</i> , 2008 , 117, 2024-37	16.7	73
162	Effect of Sex Differences on Invasive Measures of Coronary Microvascular Dysfunction in Patients With Angina in the Absence of Obstructive Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1433-1441	5	70
161	Design criteria for the ideal drug-eluting stent. <i>American Journal of Cardiology</i> , 2007 , 100, 3M-9M	3	64
160	Long-term vessel response to a self-expanding coronary stent: a serial volumetric intravascular ultrasound analysis from the ASSURE Trial.A Stent vs. Stent Ultrasound Remodeling Evaluation. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 1329-34	15.1	62
159	Association between blood glucose variability and coronary plaque instability in patients with acute coronary syndromes. <i>Cardiovascular Diabetology</i> , 2015 , 14, 111	8.7	60
158	Hyperinsulinemia during oral glucose tolerance test is associated with increased neointimal tissue proliferation after coronary stent implantation in nondiabetic patients: a serial intravascular ultrasound study. <i>Journal of the American College of Cardiology</i> , 2000 , 36, 731-8	15.1	49
157	An optimal diagnostic threshold for minimal stent area to predict target lesion revascularization following stent implantation in native coronary lesions. <i>American Journal of Cardiology</i> , 2001 , 88, 301-3	3	46
156	Evaluation of the peri-strut low intensity area following sirolimus- and paclitaxel-eluting stents implantation: insights from an optical coherence tomography study in humans. <i>International Journal of Cardiology</i> , 2012 , 157, 38-42	3.2	45
155	A prospective, multicenter, randomized trial to assess efficacy of pioglitazone on in-stent neointimal suppression in type 2 diabetes: POPPS (Prevention of In-Stent Neointimal Proliferation by Pioglitazone Study). <i>JACC: Cardiovascular Interventions</i> , 2009 , 2, 524-31	5	45
154	Invasive Assessment of Coronary Physiology Predicts Late Mortality After Heart Transplantation. <i>Circulation</i> , 2016 , 133, 1945-50	16.7	45
153	Drug delivery via nano-, micro and macroporous coronary stent surfaces. <i>Expert Opinion on Drug Delivery</i> , 2007 , 4, 287-95	8	44
152	Intraoperative fluorescence imaging system for on-site assessment of off-pump coronary artery bypass graft. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 604-12	8.4	43
151	Impact of peri-stent remodeling on restenosis: a volumetric intravascular ultrasound study. <i>Circulation</i> , 2001 , 103, 2130-2	16.7	43
150	Drug-eluting stents. Insights from invasive imaging technologies. <i>Circulation Journal</i> , 2009 , 73, 1371-80	2.9	42
149	Detailed intravascular ultrasound analysis of Zotarolimus-eluting phosphorylcholine-coated cobalt-chromium alloy stent in de novo coronary lesions (results from the ENDEAVOR II trial). <i>American Journal of Cardiology</i> , 2007 , 100, 818-23	3	41
148	Optical Coherence Tomography for Patient-specific 3D Artery Reconstruction and Evaluation of Wall Shear Stress in a Left Circumflex Coronary Artery. <i>Cardiovascular Engineering and Technology</i> , 2011 , 2, 212	2.2	40
147	Changes in coronary anatomy and physiology after heart transplantation. <i>American Journal of Cardiology</i> , 2007 , 99, 1603-7	3	40

146	Intravascular ultrasound results from the ENDEAVOR IV trial: randomized comparison between zotarolimus- and paclitaxel-eluting stents in patients with coronary artery disease. <i>JACC: Cardiovascular Interventions</i> , 2009 , 2, 779-84	5	37
145	Functional Versus Anatomic Assessment of Myocardial Bridging by Intravascular Ultrasound: Impact of Arterial Compression on Proximal Atherosclerotic Plaque. <i>Journal of the American Heart Association</i> , 2016 , 5, e001735	6	37
144	Angiotensin-Converting Enzyme Inhibition Early After Heart Transplantation. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 2832-2841	15.1	34
143	Impact of insulin resistance on neointimal tissue proliferation after coronary stent implantation. Intravascular ultrasound studies. <i>Journal of Diabetes and Its Complications</i> , 2002 , 16, 50-5	3.2	34
142	Feasibility of in vivo intravascular ultrasound tissue characterization in the detection of early vascular transplant rejection. <i>Circulation</i> , 1999 , 100, 2127-30	16.7	33
141	Current clinical use of intravascular ultrasound imaging to guide percutaneous coronary interventions. <i>Cardiovascular Intervention and Therapeutics</i> , 2020 , 35, 30-36	2.5	33
140	Longitudinal plaque redistribution during stent expansion. <i>American Journal of Cardiology</i> , 2000 , 86, 1069-72	3	32
139	SPIRIT III JAPAN versus SPIRIT III USA: a comparative intravascular ultrasound analysis of the everolimus-eluting stent. <i>American Journal of Cardiology</i> , 2010 , 106, 13-7	3	30
138	Serial angiographic and intravascular ultrasound analysis of late stent strut fracture of sirolimus-eluting stents in native coronary arteries. <i>International Journal of Cardiology</i> , 2008 , 130, 255-9	3.2	30
137	Intravascular ultrasonic analysis of atherosclerotic vessel remodeling and plaque distribution of stenotic left anterior descending coronary arterial bifurcation lesions upstream and downstream of the side branch. <i>American Journal of Cardiology</i> , 2006 , 98, 193-6	3	30
136	Images in cardiovascular medicine. "Arteries within the artery" after Kawasaki disease: a lotus root appearance by intravascular ultrasound. <i>Circulation</i> , 2002 , 106, 887	16.7	30
135	Analysis of left main coronary artery bifurcation lesions treated with biolimus-eluting DEVAX AXXESS plus nitinol self-expanding stent: intravascular ultrasound results of the AXXENT trial. <i>Catheterization and Cardiovascular Interventions</i> , 2009 , 73, 34-41	2.7	29
134	Stent-assisted below-the-ankle angioplasty for limb salvage. <i>Journal of Endovascular Therapy</i> , 2011 , 18, 32-42	2.5	29
133	Late incomplete stent apposition and focal vessel expansion after bare metal stenting. <i>American Journal of Cardiology</i> , 2003 , 92, 1217-9	3	28
132	Assessment of macro- and microcirculation in contemporary critical limb ischemia. <i>Catheterization and Cardiovascular Interventions</i> , 2011 , 78, 1051-8	2.7	25
131	Absence of ubiquitinated inclusions in hypocretin neurons of patients with narcolepsy. <i>Neurology</i> , 2009 , 73, 511-7	6.5	25
130	Impact of Stent Size Selection on Acute and Long-Term Outcomes After Drug-Eluting Stent Implantation in De Novo Coronary Lesions. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	24
129	Achievement of ultralow emittance beam in the accelerator test facility damping ring. <i>Physical Review Letters</i> , 2004 , 92, 054802	7.4	24

128	Polymorphism located in TCRA locus confers susceptibility to essential hypersomnia with HLA-DRB1*1501-DQB1*0602 haplotype. <i>Journal of Human Genetics</i> , 2010 , 55, 63-5	4.3	23
127	Analysis of bifurcation lesions treated with novel drug-eluting dedicated bifurcation stent system: intravascular ultrasound results of the AXCESS PLUS trial. <i>Catheterization and Cardiovascular Interventions</i> , 2007 , 70, 952-7	2.7	23
126	Use of intravascular ultrasound for in vivo assessment of changes in intimal thickness of angiographically normal saphenous vein grafts one year after aortocoronary bypass surgery. <i>Heart</i> , 1996 , 76, 317-20	5.1	23
125	Duplex criteria for in-stent restenosis in the superficial femoral artery. <i>Catheterization and Cardiovascular Interventions</i> , 2013 , 81, E199-205	2.7	22
124	Impact of different definitions on the interpretation of coronary remodeling determined by intravascular ultrasound. <i>Catheterization and Cardiovascular Interventions</i> , 2005 , 65, 233-9	2.7	22
123	Impact of diabetes mellitus on vessel response in the drug-eluting stent era: pooled volumetric intravascular ultrasound analyses. <i>Circulation: Cardiovascular Interventions</i> , 2012 , 5, 763-71	6	21
122	Mechanisms of lumen narrowing of saphenous vein bypass grafts 12 months after implantation: an intravascular ultrasound study. <i>American Heart Journal</i> , 2006 , 151, 726-9	4.9	21
121	Tako-tsubo-like left ventricular dysfunction. <i>Circulation</i> , 2003 , 108, e158; author reply e158	16.7	21
120	Intravascular ultrasound findings in ENDEAVOR II and ENDEAVOR III. <i>American Journal of Cardiology</i> , 2007 , 100, 71M-76M	3	20
119	Influence of plaque calcium on neointimal hyperplasia following bare metal and drug-eluting stent implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2006 , 67, 866-9	2.7	20
118	Impact of polymer formulations on neointimal proliferation after zotarolimus-eluting stent with different polymers: insights from the RESOLUTE trial. <i>Circulation: Cardiovascular Interventions</i> , 2011 , 4, 248-55	6	19
117	Delivered dose and vascular response after beta-radiation for in-stent restenosis: retrospective dosimetry and volumetric intravascular ultrasound analysis. <i>Circulation</i> , 2002 , 106, 2334-9	16.7	19
116	Coronary vasodilation by noninvasive transcutaneous ultrasound: an in vivo canine study. <i>Journal of the American College of Cardiology</i> , 2003 , 41, 1623-7	15.1	19
115	Late-acquired incomplete stent apposition: morphologic characterization. <i>Cardiovascular Revascularization Medicine</i> , 2009 , 10, 236-46	1.6	17
114	Validation of a thermographic guidewire for endoluminal mapping of atherosclerotic disease: an in vitro study. <i>Catheterization and Cardiovascular Interventions</i> , 2004 , 62, 221-9	2.7	17
113	Efficacies of sirolimus (rapamycin) and cyclosporine in allograft vascular disease in non-human primates: trough levels of sirolimus correlate with inhibition of progression of arterial intimal thickening. <i>Transplant International</i> , 2000 , 13, S314-S320	3	17
112	Coronary Endothelial Dysfunction and the Index of Microcirculatory Resistance as a Marker of Subsequent Development of Cardiac Allograft Vasculopathy. <i>Circulation</i> , 2017 , 135, 1093-1095	16.7	16
111	Impact of donor-transmitted atherosclerosis on early cardiac allograft vasculopathy: new findings by three-dimensional intravascular ultrasound analysis. <i>Transplantation</i> , 2011 , 91, 1406-11	1.8	16

110	Incidence of diffuse and focal chronic stent recoil after implantation of current generation bare-metal and drug-eluting stents. <i>International Journal of Cardiology</i> , 2010 , 144, 132-4	3.2	16
109	Short- and mid-term intravascular ultrasound analysis of the new zotarolimus-eluting stent with durable polymer [results from the RESOLUTE trial] <i>Circulation Journal</i> , 2010 , 74, 2097-102	2.9	16
108	Intravascular ultrasound and quantitative coronary angiography. <i>Catheterization and Cardiovascular Interventions</i> , 2002 , 55, 118-28	2.7	16
107	Efficacy of postdeployment balloon dilatation for current generation stents as assessed by intravascular ultrasound. <i>American Journal of Cardiology</i> , 2001 , 88, 1114-9	3	16
106	Intravascular Ultrasound-Derived Stent Dimensions as Predictors of Angiographic Restenosis Following Nitinol Stent Implantation in the Superficial Femoral Artery. <i>Journal of Endovascular Therapy</i> , 2016 , 23, 424-32	2.5	16
105	Sex differences in neointimal hyperplasia following endeavor zotarolimus-eluting stent implantation. <i>American Journal of Cardiology</i> , 2011 , 108, 912-7	3	15
104	Comparison of the efficacy of direct coronary stenting with sirolimus-eluting stents versus stenting with predilation by intravascular ultrasound imaging (from the DIRECT trial). <i>American Journal of Cardiology</i> , 2006 , 98, 1464-7	3	15
103	Impact of residual plaque burden on clinical outcomes of coronary interventions. <i>Catheterization and Cardiovascular Interventions</i> , 1999 , 46, 265-76	2.7	15
102	Paradoxical Vessel Remodeling of the Proximal Segment of the Left Anterior Descending Artery Predicts Long-Term Mortality After Heart Transplantation. <i>JACC: Heart Failure</i> , 2015 , 3, 942-52	7.9	14
101	Awareness of anatomical variations for infrapopliteal intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2010 , 76, 888-94	2.7	14
100	Discrepancy in the assessment of jailed side branch lesions by visual estimation and quantitative coronary angiographic analysis: comparison with fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , 2011 , 78, 720-6	2.7	13
99	Intravascular ultrasound results from the NEVO ResElution-I trial: a randomized, blinded comparison of sirolimus-eluting NEVO stents with paclitaxel-eluting TAXUS Liberté stents in de novo native coronary artery lesions. <i>Circulation: Cardiovascular Interventions</i> , 2011 , 4, 146-54	6	13
98	Attenuated-Signal Plaque Progression Predicts Long-Term Mortality After Heart Transplantation: IVUS Assessment of Cardiac Allograft Vasculopathy. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 382-92	15.1	13
97	Contemporary Infrapopliteal Intervention for Limb Salvage and Wound Healing. <i>Circulation Journal</i> , 2014 , 78, 1540-1549	2.9	12
96	New catheter-based technology for the treatment of restenosis. <i>Journal of Interventional Cardiology</i> , 2002 , 15, 371-9	1.8	12
95	Impact of deep vessel wall injury on acute response and remodeling of coronary artery segments after cutting balloon angioplasty. <i>American Journal of Cardiology</i> , 2003 , 91, 6-11	3	12
94	Late incomplete apposition with excessive remodeling of the stented coronary artery following intravascular brachytherapy. <i>American Journal of Cardiology</i> , 2003 , 92, 587-90	3	12
93	Impact of asymmetric stent expansion on neointimal hyperplasia following sirolimus-eluting stent implantation. <i>American Journal of Cardiology</i> , 2005 , 96, 1404-7	3	12

92	Randomized Comparison Between Everolimus-Eluting Bioresorbable Scaffold and Metallic Stent: Multimodality Imaging Through 3 Years. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 116-127	5	12
91	Assessment of bioresorbable scaffold with a novel high-definition 60 MHz IVUS imaging system: Comparison with 40-MHz IVUS referenced to optical coherence tomography. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 91, 874-883	2.7	11
90	Histological characteristics of myocardial bridge with an ultrasonic echolucent band. Comparison between intravascular ultrasound and histology. <i>Circulation Journal</i> , 2014 , 78, 502-4	2.9	11
89	Comparison of vascular response to zotarolimus-eluting stent vs paclitaxel-eluting stent implantation: pooled IVUS results from the ZoMaxx I and II trials. <i>Circulation Journal</i> , 2010 , 74, 2334-9	2.9	11
88	Neointimal progression and luminal narrowing in sirolimus-eluting stent treatment for bare metal in-stent restenosis: a quantitative intravascular ultrasound analysis. <i>American Heart Journal</i> , 2007 , 154, 361-5	4.9	11
87	Noninvasive transcutaneous ultrasound augments thrombolysis in the left circumflex coronary artery--an in vivo canine study. <i>Thrombosis Research</i> , 2003 , 110, 149-58	8.2	11
86	Impact of intravascular ultrasound lesion characteristics on neointimal hyperplasia following sirolimus-eluting stent implantation. <i>American Journal of Cardiology</i> , 2005 , 96, 1237-41	3	11
85	Late vascular response to repeat stenting for in-stent restenosis with and without radiation: an intravascular ultrasound volumetric analysis. <i>Circulation</i> , 2002 , 105, 2465-8	16.7	11
84	Comparison of everolimus- versus paclitaxel-eluting stents implanted in patients with diabetes mellitus as evaluated by three-dimensional intravascular ultrasound analysis. <i>American Journal of Cardiology</i> , 2010 , 106, 492-7	3	10
83	Efficacy of reduced-dose sirolimus-eluting stents in the human coronary artery: serial IVUS analysis of neointimal hyperplasia and luminal dimension. <i>Catheterization and Cardiovascular Interventions</i> , 2007 , 70, 946-51	2.7	10
82	Drug-eluting stent thrombosis: current and future perspectives. <i>Cardiovascular Intervention and Therapeutics</i> , 2021 , 36, 158-168	2.5	10
81	Variability in quantitative and qualitative analysis of intravascular ultrasound and frequency domain optical coherence tomography. <i>Catheterization and Cardiovascular Interventions</i> , 2013 , 82, E192-9	2.7	9
80	Study design and rationale of "Synergistic effect of combination therapy with cilostazol and ProbUcol on plaque stabilization and lesion REgression (SECURE)" study: a double-blind randomised controlled multicenter clinical trial. <i>Trials</i> , 2011 , 12, 10	2.8	9
79	Peri-stent contrast staining and very late stent thrombosis after sirolimus-eluting stent implantation: an observation from the RESTART (REgistry of Stent Thrombosis for review And Re-evaluaTion) angiographic substudy. <i>EuroIntervention</i> , 2013 , 9, 831-40	3.1	9
78	Baseline and 9 months IVUS analysis of the bifurcation-dedicated biolimus A9-eluting Axxess stent system: the DIVERGE IVUS substudy. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 84, 1062-70	2.7	8
77	Mechanism of lumen gain with a novel rotational aspiration atherectomy system for peripheral arterial disease: examination by intravascular ultrasound. <i>Cardiovascular Revascularization Medicine</i> , 2010 , 11, 155-8	1.6	8
76	Quantitative and spatial relation of baseline atherosclerotic plaque burden and subsequent in-stent neointimal proliferation as determined by intravascular ultrasound. <i>American Journal of Cardiology</i> , 2002 , 90, 1164-7	3	8
75	Association of periarterial neovascularization with progression of cardiac allograft vasculopathy and long-term clinical outcomes in heart transplant recipients. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 752-9	5.8	8

74	Invasive assessment of myocardial bridging in patients with angina and no obstructive coronary artery disease. <i>EuroIntervention</i> , 2021 , 16, 1070-1078	3.1	8
73	Quantitative precision of optical frequency domain imaging: direct comparison with frequency domain optical coherence tomography and intravascular ultrasound. <i>Cardiovascular Intervention and Therapeutics</i> , 2016 , 31, 79-88	2.5	7
72	Coronary risk factors and coronary atheroma burden at severely narrowing segments. <i>International Journal of Cardiology</i> , 2008 , 124, 124-6	3.2	7
71	Heterogeneity of neointimal distribution of in-stent restenosis in patients with diabetes mellitus. <i>American Journal of Cardiology</i> , 2006 , 97, 340-2	3	7
70	Acute stent recoil and optimal balloon inflation strategy: an experimental study using real-time optical coherence tomography. <i>EuroIntervention</i> , 2016 , 12, e190-8	3.1	7
69	Comparison of vascular response to the everolimus-eluting stent versus the paclitaxel-eluting stent: intravascular ultrasound results from the SPIRIT III trial. <i>EuroIntervention</i> , 2012 , 8, 724-31	3.1	7
68	Impact of stent diameter on vascular response after self-expanding paclitaxel-eluting stent implantation in the superficial femoral artery. <i>Journal of Cardiology</i> , 2017 , 70, 346-352	3	6
67	Association of Endothelin-1 With Accelerated Cardiac Allograft Vasculopathy and Late Mortality Following Heart Transplantation. <i>Journal of Cardiac Failure</i> , 2019 , 25, 97-104	3.3	6
66	Bioresorbable Scaffold for Treatment of Coronary Artery Lesions: Intravascular Ultrasound Results From the ABSORB Japan Trial. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 648-661	5	6
65	Vascular response to overlapping everolimus-eluting stents. - Comparison with paclitaxel-eluting stents -. <i>Circulation Journal</i> , 2010 , 74, 1023-5	2.9	6
64	Impact of curve distortion errors on intravascular ultrasound measurements and three-dimensional reconstructions. <i>American Journal of Cardiology</i> , 1997 , 79, 384-7	3	6
63	Impact of gender on neointimal hyperplasia following coronary artery stenting. <i>American Journal of Cardiology</i> , 2007 , 99, 491-3	3	6
62	Conditions associated with ST-segment elevation. <i>New England Journal of Medicine</i> , 2004 , 350, 1152-5; author reply 1152-5	59.2	6
61	Comparison between instantaneous wave-free ratio versus morphometric assessments by intracoronary imaging. <i>Heart and Vessels</i> , 2019 , 34, 926-935	2.1	6
60	Off-Pump Minithoracotomy Versus Sternotomy for Left Anterior Descending Myocardial Bridge Unroofing. <i>Annals of Thoracic Surgery</i> , 2021 , 112, 1474-1482	2.7	5
59	Sirolimus-eluting stent implantation in small coronary arteries: a three dimensional intravascular ultrasound study from the SIRIUS trial. <i>International Journal of Cardiology</i> , 2010 , 138, 126-30	3.2	5
58	Novel guidewire-based stent delivery system: Examination by intravascular ultrasound. <i>Catheterization and Cardiovascular Interventions</i> , 2008 , 72, 47-51	2.7	5
57	Effect of lumen narrowing within sirolimus-eluting stents on proximal and distal vessel segments. <i>Circulation Journal</i> , 2008 , 72, 534-7	2.9	5

56	Transient left ventricular apical ballooning. <i>Annals of Internal Medicine</i> , 2005 , 142, 678; author reply 678-9		5
55	Comparing the vascular response in implantation of self-expanding, bare metal nitinol stents or paclitaxel-eluting nitinol stents in superficial femoral artery lesions: a serial optical frequency domain imaging study. <i>EuroIntervention</i> , 2016 , 12, 1551-1558	3.1	5
54	Multidimensional assessment of graft vascular disease (GVD) in aortic grafts by serial intravascular ultrasound in rhesus monkeys. <i>Transplantation</i> , 2000 , 70, 420-9	1.8	5
53	Comparison of nonuniform strut distribution between two drug-eluting stent platforms. <i>Journal of Invasive Cardiology</i> , 2007 , 19, 244-6	0.7	5
52	Cardiac function response to stenting in atherosclerotic renal artery disease with and without heart failure: results from the Carmel study. <i>ESC Heart Failure</i> , 2019 , 6, 319-327	3.7	4
51	Early invasive assessment of the coronary microcirculation predicts subsequent acute rejection after heart transplantation. <i>International Journal of Cardiology</i> , 2019 , 290, 27-32	3.2	4
50	Intravascular ultrasound analysis of small vessel lesions treated with the Sparrow coronary stent system: results of the CARE II trial. <i>Catheterization and Cardiovascular Interventions</i> , 2014 , 83, 19-24	2.7	4
49	Effect of lumen narrowing within coronary stents on proximal and distal vessel segments following bare metal stent implantation. <i>American Journal of Cardiology</i> , 2005 , 96, 376-8	3	4
48	Current status of hybrid intravascular ultrasound and optical coherence tomography catheter for coronary imaging and percutaneous coronary intervention. <i>Journal of Cardiology</i> , 2021 , 77, 435-443	3	4
47	Impact of analysis interval size on the quality of optical frequency domain imaging assessments of stent implantation for lesions of the superficial femoral artery. <i>Catheterization and Cardiovascular Interventions</i> , 2017 , 89, 735-745	2.7	3
46	A new large-animal model for research of graft vascular disease. <i>Transplantation Proceedings</i> , 1998 , 30, 4023	1.1	3
45	Development of models of graft vascular disease in nonhuman primates: evaluation of GVD by intravascular ultrasound in a new cynomolgus model with arterial allograft exchange. <i>Transplantation Proceedings</i> , 1999 , 31, 687	1.1	3
44	Association between abdominal fat distribution and coronary plaque instability in patients with acute coronary syndrome. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 1169-1178	4.5	3
43	Deep learning-based intravascular ultrasound segmentation for the assessment of coronary artery disease. <i>International Journal of Cardiology</i> , 2021 , 333, 55-59	3.2	3
42	Two-year intravascular ultrasound observations in diabetic patients treated with single and double dose sirolimus-eluting stents: results of the double dose diabetes (3D) study. <i>Journal of Invasive Cardiology</i> , 2008 , 20, 411-6	0.7	3
41	Safety and efficacy of low-dose paclitaxel utilizing the cobra-P drug-eluting stent system with a novel biodegradable coating in de novo coronary lesions: the PLUS-ONE first-in-man study. <i>Cardiovascular Revascularization Medicine</i> , 2014 , 15, 18-22	1.6	2
40	TCT-352 Validation of High Speed Pullback of a Novel High-Definition Intravascular Ultrasound System. <i>Journal of the American College of Cardiology</i> , 2014 , 64, B102	15.1	2
39	Neointimal hyperplasia in a thin-strut cobalt-chromium stent: insights from detailed 3-D intravascular ultrasound analysis. <i>International Journal of Cardiology</i> , 2010 , 145, 125-6	3.2	2

38	Serial intravascular ultrasonic study of outcomes of coronary culprit lesions with plaque rupture following bare metal stent implantation in patients with angina pectoris. <i>American Journal of Cardiology</i> , 2007 , 99, 1394-8	3	2
37	Determinants of lumen loss between years 1 and 2 after cardiac transplantation. <i>Transplantation</i> , 2007 , 84, 1097-102	1.8	2
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