Gary S Mintz

List of Publications by Year
in descending order

253 papers	29,395 citations	5896 81 h-index	4991 167 g-index
258 all docs	258 docs citations	258 times ranked	10937 citing authors

#	Article	IF	Citations
1	A Prospective Natural-History Study of Coronary Atherosclerosis. New England Journal of Medicine, 2011, 364, 226-235.	27.0	2,721
2	American College of Cardiology clinical expert consensus document on standards for acquisition, measurement and reporting of intravascular ultrasound studies (ivus)31When citing this document, the American College of Cardiology would appreciate the following citation format: Mintz GS, Nissen SE, Anderson WD, Bailey SR, Erbel R, Fitzgerald PJ, Pinto FJ, Rosenfield K, Siegel RJ, Tuzcu EM, Yock PG. ACC Clinical Expert Consensus Document on Standards for the acquisition, measurement and reporting of intravascul. Journal of the American College of Cardiology, 2001, 37, 1478-1492.	2.8	2,009
3	Consensus Standards for Acquisition, Measurement, and Reporting of Intravascular Optical Coherence Tomography Studies. Journal of the American College of Cardiology, 2012, 59, 1058-1072.	2.8	1,530
4	Angiographic Patterns of In-Stent Restenosis. Circulation, 1999, 100, 1872-1878.	1.6	1,151
5	Patterns and Mechanisms of In-Stent Restenosis. Circulation, 1996, 94, 1247-1254.	1.6	1,062
6	Stent underexpansion and residual reference segment stenosis are related to stent thrombosis after sirolimus-eluting stent implantation. Journal of the American College of Cardiology, 2005, 45, 995-998.	2.8	690
7	Atherosclerosis in angiographically â€œnormalâ€•coronary artery reference segments: An intravascular ultrasound study with clinical correlations. Journal of the American College of Cardiology, 1995, 25, 1479-1485.	2.8	553
8	Patterns of Calcification in Coronary Artery Disease. Circulation, 1995, 91, 1959-1965.	1.6	533
9	Optical coherence tomography compared with intravascular ultrasound and with angiography to guide coronary stent implantation (ILUMIEN III: OPTIMIZE PCI): a randomised controlled trial. Lancet, The, 2016, 388, 2618-2628.	13.7	473
10	Predictors of Subacute Stent Thrombosis. Circulation, 2003, 108, 43-47.	1.6	459
11	Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. European Heart Journal, 2018, 39, 3281-3300.	2.2	431
12	Sirolimus-eluting stent implantation for unprotected left main coronary artery stenosis. Journal of the American College of Cardiology, 2005, 45, 351-356.	2.8	388
13	Relationship Between Intravascular Ultrasound Guidance and Clinical Outcomes After Drug-Eluting Stents. Circulation, 2014, 129, 463-470.	1.6	350
14	Ischemic Outcomes After Coronary Intervention of Calcified Vessels in Acute Coronary Syndromes. Journal of the American College of Cardiology, 2014, 63, 1845-1854.	2.8	343
15	Morphologic and angiographic features of coronary plaque rupture detected by intravascular ultrasound. Journal of the American College of Cardiology, 2002, 40, 904-910.	2.8	333
16	Optical Coherence Tomographic Analysis of In-Stent Neoatherosclerosis After Drugâ€“Eluting Stent Implantation. Circulation, 2011, 123, 2954-2963.	1.6	326
17	Late Stent Malapposition After Drug-Eluting Stent Implantation. Circulation, 2006, 113, 414-419.	1.6	316
18	Intracoronary Î²-Radiation Therapy Inhibits Recurrence of In-Stent Restenosis. Circulation, 2000, 101, 1895-1898.	1.6	304

#	Article	IF	Citations
19	The Dynamic Nature of Coronary Artery Lesion Morphology Assessed by Serial Virtual Histology Intravascular Ultrasound Tissue Characterization. Journal of the American College of Cardiology, 2010, 55, 1590-1597.	2.8	302
20	Multicenter Core Laboratory Comparison of the Instantaneous Wave-Free Ratio and Resting P /P With Fractional Flow Reserve. Journal of the American College of Cardiology, 2014, 63, 1253-1261.	2.8	301
21	Comparison of Coronary Plaque Rupture Between Stable Angina and Acute Myocardial Infarction. Circulation, 2004, 110, 928-933.	1.6	293
22	Contribution of Inadequate Arterial Remodeling to the Development of Focal Coronary Artery Stenoses. Circulation, 1997, 95, 1791-1798.	1.6	273
23	Contribution of Stent Underexpansion to Recurrence After Sirolimus-Eluting Stent Implantation for In-Stent Restenosis. Circulation, 2004, 109, 1085-1088.	1.6	263
24	Visual-Functional Mismatch Between Coronary Angiography and Fractional Flow Reserve. JACC: Cardiovascular Interventions, 2012, 5, 1029-1036.	2.9	262
25	Atherosclerotic Plaque Burden and CK-MB Enzyme Elevation After Coronary Interventions. Circulation, 2000, 101, 604-610.	1.6	256
26	Clinical Impact of OCT Findings During PCI. JACC: Cardiovascular Imaging, 2015, 8, 1297-1305.	5.3	255
27	A new optical coherence tomography-based calcium scoring system to predict stent underexpansion. EuroIntervention, 2018, 13, 2182-2189.	3.2	255
28	Tissue characterisation using intravascular radiofrequency data analysis: recommendations for acquisition, analysis, interpretation and reporting. EuroIntervention, 2009, 5, 177-189.	3.2	252
29	Intravascular ultrasound predictors of angiographic restenosis after sirolimus-eluting stent implantation. European Heart Journal, 2006, 27, 1305-1310.	2.2	240
30	Gender and the Extent of Coronary Atherosclerosis, Plaque Composition, and Clinical Outcomes in Acute Coronary Syndromes. JACC: Cardiovascular Imaging, 2012, 5, S62-S72.	5.3	231
31	Determinants and Correlates of Target Lesion Calcium in Coronary Artery Disease: A Clinical, Angiographic and Intravascular Ultrasound Study. Journal of the American College of Cardiology, 1997, 29, 268-274.	2.8	230
32	Intravascular Ultrasound Assessment of Ulcerated Ruptured Plaques. Circulation, 2003, 108, 2473-2478.	1.6	219
33	Clinical Impact of Intravascular Ultrasoundâ€“Guided Chronic Total Occlusion Intervention With Zotarolimus-Eluting Versus Biolimus-Eluting Stent Implantation. Circulation: Cardiovascular Interventions, 2015, 8, e002592.	3.9	218
34	Creatine Kinase-MB Enzyme Elevation Following Successful Saphenous Vein Graft Intervention Is Associated With Late Mortality. Circulation, 1999, 100, 2400-2405.	1.6	217
35	Comprehensive Intravascular Ultrasound Assessment of Stent Area and Its Impact on Restenosis and Adverse Cardiac Events in 403 Patients With Unprotected Left Main Disease. Circulation: Cardiovascular Interventions, 2011, 4, 562-569.	3.9	213
36	Intravascular ultrasound assessment of spontaneous coronary artery dissection. American Journal of Cardiology, 2002, 89, 466-468.	1.6	197

#	Article	IF	Citations
37	Intravascular Ultrasound Findings of Early Stent Thrombosis After Primary Percutaneous Intervention in Acute Myocardial Infarction. Circulation: Cardiovascular Interventions, 2011, 4, 239-247.	3.9	196
38	Meta-Analysis of Outcomes After Intravascular Ultrasoundâ€“Guided Versus Angiography-Guided Drug-Eluting Stent Implantation in 26,503 Patients Enrolled in Three Randomized Trials and 14 Observational Studies. American Journal of Cardiology, 2014, 113, 1338-1347.	1.6	193
39	Clinical use of intracoronary imaging. Part 2: acute coronary syndromes, ambiguous coronary angiography findings, and guiding interventional decision-making: an expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. European Heart Journal, 2019, 40, 2566-2584.	2.2	189
40	Intravascular Ultrasound Classification of Plaque Distribution in Left Main Coronary Artery Bifurcations. Circulation: Cardiovascular Interventions, 2010, 3, 105-112.	3.9	185
41	Validation of Intravascular Ultrasoundâ€“Derived Parameters With Fractional Flow Reserve for Assessment of Coronary Stenosis Severity. Circulation: Cardiovascular Interventions, 2011, 4, 65-71.	3.9	180
42	Impact of Post-Intervention Minimal Stent Area on 9-Month Follow-Up Patency of Paclitaxel-Eluting Stents. JACC: Cardiovascular Interventions, 2009, 2, 1269-1275.	2.9	173
43	One-year follow-up after intravascular ultrasound assessment of moderate left main coronary artery disease in patients with ambiguous angiograms. Journal of the American College of Cardiology, 1999, 34, 707-715.	2.8	171
44	Insights Into Echo-Attenuated Plaques, Echolucent Plaques, and Plaques With Spotty Calcification. Journal of the American College of Cardiology, 2014, 63, 2220-2233.	2.8	170
45	Meta-Analysis of Randomized Studies Comparing Intravascular Ultrasound Versus Angiographic Guidance of Percutaneous Coronary Intervention in Preâ€“Drug-Eluting Stent Era. American Journal of Cardiology, 2011, 107, 374-382.	1.6	169
46	Detection by Near-Infrared Spectroscopy of Large Lipid Core Plaques at Culprit Sites in Patients With Acute ST-Segment Elevation Myocardial Infarction. JACC: Cardiovascular Interventions, 2013, 6, 838-846.	2.9	169
47	Prolonged Antiplatelet Therapy to Prevent Late Thrombosis After Intracoronary Î³-Radiation in Patients With In-Stent Restenosis. Circulation, 2001, 103, 2332-2335.	1.6	167
48	Mechanisms of In-Stent Restenosis After Drug-Eluting Stent Implantation. Circulation: Cardiovascular Interventions, 2011, 4, 9-14.	3.9	166
49	Intravascular Imaging of Coronary Calcification and Its Clinical Implications. JACC: Cardiovascular Imaging, 2015, 8, 461-471.	5.3	166
50	Incidence, Mechanisms, Predictors, and Clinical Impact of Acute and Late Stent Malapposition After Primary Intervention in Patients With Acute Myocardial Infarction. Circulation, 2010, 122, 1077-1084.	1.6	163
51	Arterial responses to balloon coronary angioplasty: An intravascular ultrasound study. Journal of the American College of Cardiology, 1992, 20, 942-951.	2.8	160
52	Sequential intravascular ultrasound of the mechanisms of rotational atherectomy and adjunct balloon angioplasty. Journal of the American College of Cardiology, 1993, 22, 1024-1032.	2.8	156
53	Strut Coverage and Late Malapposition With Paclitaxel-Eluting Stents Compared With Bare Metal Stents in Acute Myocardial Infarction. Circulation, 2011, 123, 274-281.	1.6	155
54	Intravascular Ultrasound Parameters Associated With Stent Thrombosis After Drug-Eluting Stent Deployment. American Journal of Cardiology, 2007, 100, 615-620.	1.6	154

#	Article	IF	Citations
55	Effect of Intravascular Ultrasoundâ€“Guided Drug-Eluting Stent Implantation. JACC: Cardiovascular Interventions, 2020, 13, 62-71.	2.9	151
56	Comparison of Stent Expansion Guided by Optical Coherence Tomography Versus Intravascular Ultrasound. JACC: Cardiovascular Interventions, 2015, 8, 1704-1714.	2.9	146
57	Clinical, intravascular ultrasound, and quantitative angiographic determinants of the coronary flow reserve before and after percutaneous transluminal coronary angioplasty. American Journal of Cardiology, 1998, 82, 423-428.	1.6	144
58	Relation Between Progression and Regression of Atherosclerotic Left Main Coronary Artery Disease and Serum Cholesterol Levels as Assessed With Serial Long-Term (â‰¥12 Months) Follow-Up Intravascular Ultrasound. Circulation, 2003, 108, 2757-2762.	1.6	140
59	Relationship Between Cardiovascular Risk as Predicted by Established Risk Scores Versus Plaque Progression as Measured by Serial Intravascular Ultrasound in Left Main Coronary Arteries. Circulation, 2004, 110, 1579-1585.	1.6	140
60	Intravascular Ultrasound in the Drug-Eluting Stent Era. Journal of the American College of Cardiology, 2006, 48, 421-429.	2.8	137
61	Incidence, Mechanism, Predictors, and Long-Term Prognosis of Late Stent Malapposition After Bare-Metal Stent Implantation. Circulation, 2004, 109, 881-886.	1.6	134
62	The Site of Plaque Rupture in Native Coronary Arteries. Journal of the American College of Cardiology, 2005, 46, 261-265.	2.8	133
63	Intravascular Ultrasound Findings in Patients With Very Late Stent Thrombosis After Either Drug-Eluting or Bare-Metal Stent Implantation. Journal of the American College of Cardiology, 2010, 55, 1936-1942.	2.8	132
64	In vivo characterization of coronary plaques: novel findings from comparing greyscale and virtual histology intravascular ultrasound and near-infrared spectroscopy. European Heart Journal, 2012, 33, 372-383.	2.2	126
65	Role of Low Endothelial Shear Stress and Plaque Characteristics in the Prediction of Nonculprit Major Adverse Cardiac Events. JACC: Cardiovascular Imaging, 2018, 11, 462-471.	5.3	124
66	Intravascular Ultrasound-Derived Predictors for Fractional Flow Reserve in Intermediate Left Main Disease. JACC: Cardiovascular Interventions, 2011, 4, 1168-1174.	2.9	123
67	Attenuated Plaque Detected by Intravascular Ultrasound. JACC: Cardiovascular Interventions, 2009, 2, 65-72.	2.9	117
68	Clinical Utility of Intravascular Imaging and Physiology in Coronary Artery Disease. Journal of the American College of Cardiology, 2014, 64, 207-222.	2.8	117
69	Prevalence, Distribution, Predictors, and Outcomes of Patients With Calcified Nodules in Native Coronary Arteries. Circulation, 2012, 126, 537-545.	1.6	115
70	Intravascular imaging in coronary artery disease. Lancet, The, 2017, 390, 793-809.	13.7	112
71	A Volumetric Intravascular Ultrasound Comparison of Early Drug-Eluting Stent Thrombosis Versus Restenosis. JACC: Cardiovascular Interventions, 2009, 2, 428-434.	2.9	109
72	Fractional Flow Reserve/InstantaneousÂWave-Free Ratio Discordance in Angiographically Intermediate CoronaryÂStenoses. JACC: Cardiovascular Interventions, 2017, 10, 2514-2524.	2.9	104

#	Article	IF	Citations
73	The Relationship Between Attenuated Plaque Identified by Intravascular Ultrasound and No-Reflow After Stenting in Acute Myocardial Infarction. JACC: Cardiovascular Interventions, 2011, 4, 495-502.	2.9	99
74	The contribution of â€œmechanicalâ€•problems to in-stent restenosis: An intravascular ultrasonographic analysis of 1090 consecutive in-stent restenosis lesions. American Heart Journal, 2001, 142, 970-974.	2.7	98
75	Mechanism of Lumen Enlargement During Intracoronary Stent Implantation. Circulation, 2000, 102, 7-10.	1.6	94
76	Coronary Plaque Composition, Morphology, and Outcomes in Patients With and Without Chronic Kidney Disease Presenting With Acute Coronary Syndromes. JACC: Cardiovascular Imaging, 2012, 5, S53-S61.	5.3	93
77	Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. EuroIntervention, 2018, 14, 656-677.	3.2	92
78	Incidence, Morphology, Angiographic Findings, and Outcomes of Intramural Hematomas After Percutaneous Coronary Interventions. Circulation, 2002, 105, 2037-2042.	1.6	90
79	A Three-Vessel Virtual Histology Intravascular Ultrasound Analysis of Frequency and Distribution of Thin-Cap Fibroatheromas in Patients With Acute Coronary Syndrome or Stable Angina Pectoris. American Journal of Cardiology, 2008, 101, 568-572.	1.6	88
80	Intracoronary Optical Coherence Tomography 2018. JACC: Cardiovascular Interventions, 2017, 10, 2473-2487.	2.9	88
81	Assessing intermediate left main coronary lesions using intravascular ultrasound. American Heart Journal, 2007, 154, 983-988.	2.7	83
82	Histopathologic Validation of the Intravascular Ultrasound Diagnosis of Calcified Coronary Artery Nodules. American Journal of Cardiology, 2011, 108, 1547-1551.	1.6	83
83	Effects of Intravascular Ultrasoundâ€“GuidedÂVersus Angiography-Guided New-Generation Drug-Eluting Stent Implantation. JACC: Cardiovascular Interventions, 2016, 9, 2232-2239.	2.9	82
84	Regional Remodeling as the Cause of Late Stent Malapposition. Circulation, 2003, 107, 2660-2663.	1.6	80
85	OCT Analysis in Patients With Very Late Stent Thrombosis. JACC: Cardiovascular Imaging, 2013, 6, 695-703.	5.3	80
86	Virtual Histology Intravascular Ultrasound Analysis of Non-Culprit Attenuated Plaques Detected by Grayscale Intravascular Ultrasound in Patients With Acute Coronary Syndromesâ€â€Conflicts of interest: Dr. Mintz is a member of the speakers bureau of, serves as a consultant for, and has received research and grant support from Volcano Corporation, Rancho Cordova, California. Dr. Stone serves as a consultant for Volcano Corporation. Dr. Leon serves as a consultant for Volcano Corporation. Dr. Kubo has received r. American Journal of Cardiology, 2010, 105, 48-53.	1.6	78
87	Mechanisms of Lumen Enlargement After Excimer Laser Coronary Angioplasty. Circulation, 1995, 92, 3408-3414.	1.6	78
88	Impact of Plaque Composition on Cardiac Troponin Elevation After Percutaneous Coronary Intervention. JACC: Cardiovascular Imaging, 2009, 2, 458-468.	5.3	76
89	Intravascular Ultrasound Study of Patterns of Calcium in Ruptured Coronary Plaques. American Journal of Cardiology, 2005, 96, 352-357.	1.6	73
90	Intravascular Ultrasound Predictors for Edge Restenosis After Newer Generation Drug-Eluting Stent Implantation. American Journal of Cardiology, 2013, 111, 1408-1414.	1.6	73

#	Article	IF	Citations
91	Long-Term Impact of Routinely Detected Early and Late Incomplete Stent Apposition. JACC: Cardiovascular Interventions, 2010, 3, 486-494.	2.9	72
92	Intravascular Ultrasound Assessment of the Incidence and Predictors of Edge Dissections After Drug-Eluting Stent Implantation. JACC: Cardiovascular Interventions, 2009, 2, 997-1004.	2.9	71
93	Two-year outcomes after percutaneous coronary intervention of calcified lesions with drug-eluting stents. International Journal of Cardiology, 2017, 231, 61-67.	1.7	71
94	Outcome After Acute Incomplete Sirolimus-Eluting Stent Apposition as Assessed by Serial Intravascular Ultrasound. American Journal of Cardiology, 2006, 98, 436-442.	1.6	70
95	An Integrated TAXUS IV, V, and VI Intravascular Ultrasound Analysis of the Predictors of Edge Restenosis After Bare Metal or Paclitaxel-Eluting Stents. American Journal of Cardiology, 2009, 103, 501-506.	1.6	69
96	Virtual Histology Evaluation of Atherosclerosis Regression During Atorvastatin and Ezetimibe Administration - HEAVEN Study -. Circulation Journal, 2012, 76, 176-183.	1.6	67
97	Longitudinal Distribution of Plaque Burden and Necrotic Coreâ€“Rich Plaques in Nonculprit Lesions of Patients Presenting With Acute Coronary Syndromes. JACC: Cardiovascular Imaging, 2012, 5, S10-S18.	5.3	67
98	Intravascular ultrasound findings of negative arterial remodeling at sites of focal coronary spasm in patients with vasospastic angina. American Heart Journal, 2000, 140, 395-401.	2.7	64
99	Increased Thin-Cap Neoatheroma and Periprocedural Myocardial Infarction in Drug-Eluting Stent Restenosis. Circulation: Cardiovascular Interventions, 2013, 6, 507-517.	3.9	63
100	Sex Differences in the Visual-Functional Mismatch Between Coronary Angiography or Intravascular Ultrasound Versus Fractional Flow Reserve. JACC: Cardiovascular Interventions, 2013, 6, 562-568.	2.9	62
101	Procedural Results and Late Clinical Outcomes After Placement of Three or More Stents in Single Coronary Lesions. Circulation, 1998, 97, 1355-1361.	1.6	61
102	Intravascular ultrasound in the evaluation and treatment of left main coronary artery disease: a consensus statement from the European Bifurcation Club. EuroIntervention, 2018, 14, e467-e474.	3.2	60
103	Volumetric intravascular ultrasound quantification of the amount of atherosclerosis and calcium in nonstenotic arterial segments. American Journal of Cardiology, 2002, 89, 757-760.	1.6	55
104	Procedural Implications of Intravascular Ultrasound Morphologic Features of Chronic Total Coronary Occlusions. American Journal of Cardiology, 2006, 97, 1455-1462.	1.6	55
105	Tissue Characterization of In-Stent Neointima Using Intravascular Ultrasound Radiofrequency Data Analysis. American Journal of Cardiology, 2010, 106, 1561-1565.	1.6	55
106	Optical coherence tomography derived cut-off value of uncovered stent struts to predict adverse clinical outcomes after drug-eluting stent implantation. International Journal of Cardiovascular Imaging, 2013, 29, 1255-1263.	1.5	55
107	Clinical Impact of Suboptimal Stenting and Residual Intrastent Plaque/Thrombus Protrusion in Patients With Acute Coronary Syndrome. Circulation: Cardiovascular Interventions, 2016, 9, .	3.9	55
108	Intracoronary optical coherence tomography: state of the art and future directions. EuroIntervention, 2021, 17, e105-e123.	3.2	55

#	Article	IF	Citations
109	Dynamic Nature of Nonculprit Coronary Artery Lesion Morphology in STEMI. JACC: Cardiovascular Imaging, 2013, 6, 86-95.	5.3	53
110	Prevalence, Features, and Prognostic Importance of Edge Dissection After Drug-Eluting Stent Implantation. Circulation: Cardiovascular Interventions, 2016, 9, e003553.	3.9	52
111	Joint consensus on the use of OCT in coronary bifurcation lesions by the European and Japanese bifurcation clubs. EuroIntervention, 2019, 14, e1568-e1577.	3.2	51
112	Intravascular Ultrasonic Assessment of Stent Diameters Derived from Manufacturerâ€™s Compliance Charts. American Journal of Cardiology, 2005, 96, 74-78.	1.6	50
113	Plaque Composition by Intravascular Ultrasound and Distal Embolization After Percutaneous Coronary Intervention. JACC: Cardiovascular Imaging, 2012, 5, S111-S118.	5.3	50
114	Predictors of Calcium Fracture Derived From Balloon Angioplasty and its Effect on Stent Expansion Assessed by Optical Coherence Tomography. JACC: Cardiovascular Interventions, 2018, 11, 1015-1017.	2.9	49
115	Intravascular Ultrasound Profile Analysis of Ruptured Coronary Plaques. American Journal of Cardiology, 2006, 98, 429-435.	1.6	47
116	Effect of the polymer-based, paclitaxel-eluting TAXUS Express stent on vascular tissue responses: a volumetric intravascular ultrasound integrated analysis from the TAXUS IV, V, and VI trials. European Heart Journal, 2007, 28, 1574-1582.	2.2	47
117	Clinical Outcome of Nonculprit Plaque Ruptures in Patients With Acute Coronary Syndrome in the PROSPECT Study. JACC: Cardiovascular Imaging, 2014, 7, 397-405.	5.3	47
118	Carotid Artery Stenting in Patients with High-Risk Anatomy for Carotid Endarterectomy. Journal of Endovascular Therapy, 2001, 8, 39-43.	1.5	46
119	Three-dimensional intravascular ultrasonography: Reconstruction of endovascular stents in vitro and in vivo. Journal of Clinical Ultrasound, 1993, 21, 609-615.	0.8	45
120	Serial Intravascular Ultrasound Assessment of the Efficacy of Intracoronary Î³-Radiation Therapy for Preventing Recurrence in Very Long, Diffuse, In-Stent Restenosis Lesions. Circulation, 2001, 104, 856-859.	1.6	45
121	Impact of Positive and Negative Lesion Site Remodeling on Clinical Outcomes. JACC: Cardiovascular Imaging, 2014, 7, 70-78.	5.3	45
122	Usefulness of Minimum Stent Cross Sectional Area as a Predictor of Angiographic Restenosis After Primary Percutaneous Coronary Intervention in Acute Myocardial Infarction (from the HORIZONS-AMI) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	44
123	Non-Fibroatheroma Lesion Phenotype and Long-Term Clinical Outcomes. JACC: Cardiovascular Imaging, 2013, 6, 908-916.	5.3	44
124	Outcomes of optical coherence tomography compared with intravascular ultrasound and with angiography to guide coronary stent implantation: one-year results from the ILUMIEN III: OPTIMIZE PCI trial. EuroIntervention, 2021, 16, 1085-1091.	3.2	44
125	Impact of Renal Function on Coronary Plaque Morphology and Morphometry in Patients With Chronic Renal Insufficiency as Determined by Intravascular Ultrasound Volumetric Analysis. American Journal of Cardiology, 2005, 96, 892-896.	1.6	43
126	Incidence, Location, Magnitude, and Clinical Correlates of Saphenous Vein Graft Calcification. Circulation, 2005, 111, 1148-1152.	1.6	43

#	Article	IF	Citations
127	Comparison of one-year clinical outcomes between intravascular ultrasound-guided versus angiography-guided implantation of drug-eluting stents for left main lesions: a single-center analysis of a 1,016-patient cohort. Patient Preference and Adherence, 2014, 8, 1299.	1.8	43
128	Variable underlying morphology of culprit plaques associated with ST-elevation myocardial infarction: an optical coherence tomography analysis from the SMART trial. European Heart Journal Cardiovascular Imaging, 2015, 16, 1381-1389.	1.2	43
129	Long-term Prognostic Value of Cardiac MRI Left Atrial Strain in ST-Segment Elevation Myocardial Infarction. Radiology, 2020, 296, 299-309.	7.3	43
130	Role of residual acute stent malapposition in percutaneous coronary interventions. Catheterization and Cardiovascular Interventions, 2017, 90, 566-575.	1.7	42
131	Meta-analysis and systematic review of intravascular ultrasound versus angiography-guided drug eluting stent implantation in left main coronary disease in 4592 patients. BMC Cardiovascular Disorders, 2018, 18, 115.	1.7	42
132	Impact of Late Drug-Eluting Stent Malapposition on 3-Year Clinical Events. Journal of the American College of Cardiology, 2007, 50, 1515-1516.	2.8	41
133	Impact of the Severity of Coronary Artery Calcification on Clinical Events in Patients Undergoing Coronary Artery Bypass Grafting (from the Acute Catheterization and Urgent Intervention Triage) Tj ETQq1 1 0.784314 rgBT /Overloc	3.1	40
134	What Have We Learned About Plaque Rupture in Acute Coronary Syndromes?. Current Cardiology Reports, 2010, 12, 338-343.	2.9	40
135	Residual Plaque Burden in Patients With Acute Coronary Syndromes After Successful Percutaneous Coronary Intervention. JACC: Cardiovascular Imaging, 2012, 5, S76-S85.	5.3	40
136	Intravascular ultrasound assessment of the stenoses location and morphology in the left main coronary artery in relation to anatomic left main length. American Journal of Cardiology, 2001, 88, 1-4.	1.6	39
137	Impact of Preinterventional Arterial Remodeling on Neointimal Hyperplasia After Implantation of (Nonâ€“Polymer-Encapsulated) Paclitaxel-Coated Stents. Circulation, 2003, 108, 1295-1298.	1.6	39
138	Serial intravascular ultrasound evidence of both plaque stabilization and lesion progression in patients with ruptured coronary plaques: Effects of statin therapy on ruptured coronary plaque. Atherosclerosis, 2007, 191, 107-114.	0.8	39
139	Improved 3-Year Cardiac Survival After IVUSâ€“Guided Long DES Implantation. JACC: Cardiovascular Interventions, 2022, 15, 208-216.	2.9	38
140	Coronary artery lumen volume measurement using three-dimensional intravascular ultrasound: Validation of a new technique. Catheterization and Cardiovascular Diagnosis, 1994, 33, 214-220.	0.3	37
141	Frequency and Severity of Plaque Prolapse Within Cypher and Taxus Stents as Determined by Sequential Intravascular Ultrasound Analysis. American Journal of Cardiology, 2006, 98, 1206-1211.	1.6	37
142	Patient Selection for Elective Revascularization to Reduce Myocardial Infarction and Mortality. Circulation: Cardiovascular Imaging, 2015, 8, .	2.6	37
143	In-stent restenosis characteristics and repeat stenting underexpansion: insights from optical coherence tomography. EuroIntervention, 2020, 16, e335-e343.	3.2	36
144	1-Year Outcomes of Blinded Physiological Assessment of ResidualÂIschemia After Successful PCI. JACC: Cardiovascular Interventions, 2022, 15, 52-61.	2.9	35

#	Article	IF	Citations
145	Spectrum of remodeling behavior observed with serial Long-Term (â‰¥12 months) Follow-Up intravascular ultrasound studies in left main coronary arteries. American Journal of Cardiology, 2004, 93, 1107-1113.	1.6	33
146	Multi-laboratory inter-institute reproducibility study of IVOCT and IVUS assessments using published consensus document definitions. European Heart Journal Cardiovascular Imaging, 2016, 17, 756-764.	1.2	33
147	Quantify patient-specific coronary material property and its impact on stress/strain calculations using in vivo IVUS data and 3D FSI models: a pilot study. Biomechanics and Modeling in Mechanobiology, 2017, 16, 333-344.	2.8	33
148	Multiple versus single coronary plaque ruptures detected by intravascular ultrasound in stable and unstable angina pectoris and in acute myocardial infarction. American Journal of Cardiology, 2003, 91, 1333-1335.	1.6	32
149	Predictors and Longâ€Term Clinical Impact of Acute Stent Malapposition: An Assessment of Dual Antiplatelet Therapy With Drugâ€Eluting Stents (ADAPTâ€DES) Intravascular Ultrasound Substudy. Journal of the American Heart Association, 2016, 5, .	3.7	32
150	Is Accurate Intravascular Ultrasound Evaluation of the Left Circumflex Ostium from a Left Anterior Descending to Left Main Pullback Possible?. American Journal of Cardiology, 2010, 105, 948-954.	1.6	30
151	Validation of Minimal Luminal Area Measured by Intravascular Ultrasound for Assessment of Functionally Significant Coronary Stenosis. JACC: Cardiovascular Interventions, 2011, 4, 665-671.	2.9	30
152	Intravascular Ultrasound-Guidance Is Associated With Lower Cardiovascular Mortality and Myocardial Infarction for Drug-Eluting Stent Implantationã€€â€• Insights From an Updated Meta-Analysis of Randomized Trials â€•. Circulation Journal, 2019, 83, 1410-1413.	1.6	30
153	Serial Intravascular Ultrasound Analysis of the Impact of Lesion Length on the Efficacy of Intracoronary Î³-Irradiation for Preventing Recurrent In-Stent Restenosis. Circulation, 2001, 103, 188-191.	1.6	29
154	Intravascular Ultrasoundâ€"Guided Renal Artery Stenting. Journal of Endovascular Therapy, 2001, 8, 238-247.	1.5	28
155	mpact of Intravascular Ultrasound on utcomes Following rcutaneous Coronary Interventio in Complex Lesions (iOPEN Complex). American Heart Journal, 2020, 221, 74-83.	2.7	28
156	Morphological and Stress Vulnerability Indices for Human Coronary Plaques and Their Correlations with Cap Thickness and Lipid Percent: An IVUS-Based Fluid-Structure Interaction Multi-patient Study. PLoS Computational Biology, 2015, 11, e1004652.	3.2	28
157	Predictors of non-stenting strategy for acute coronary syndrome caused by plaque erosion: four-year outcomes of the EROSION study. EuroIntervention, 2021, 17, 497-505.	3.2	27
158	Intravascular ultrasound identification of calcified intraluminal lesions misdiagnosed as thrombi by coronary angiography. American Heart Journal, 1996, 132, 687-689.	2.7	26
159	Effect of Culprit-Lesion Remodeling Versus Plaque Rupture on Three-Year Outcome in Patients With Acute Coronary Syndrome. American Journal of Cardiology, 2009, 103, 791-795.	1.6	26
160	Combining IVUS and Optical Coherence Tomography for More Accurate Coronary Cap Thickness Quantification and Stress/Strain Calculations: A Patient-Specific Three-Dimensional Fluid-Structure Interaction Modeling Approach. Journal of Biomechanical Engineering, 2018, 140, .	1.3	26
161	Intravascular ultrasound and outcomes after drug-eluting stent implantation. Coronary Artery Disease, 2017, 28, 346-352.	0.7	25
162	The IMPact on Revascularization Outcomes of intraVascular ultrasound-guided treatment of complex lesions and Economic impact (IMPROVE) trial: Study design and rationale. American Heart Journal, 2020, 228, 65-71.	2.7	25

#	Article	IF	Citations
163	EROSION III. JACC: Cardiovascular Interventions, 2022, 15, 846-856.	2.9	25
164	Safety of Intracoronary Î³-Radiation on Uninjured Reference Segments During the First 6 Months After Treatment of In-Stent Restenosis. Circulation, 2000, 101, 2227-2230.	1.6	24
165	Adverse Cardiovascular Events Arising From Atherosclerotic Lesions With and Without Angiographic Disease Progression. JACC: Cardiovascular Imaging, 2012, 5, S95-S105.	5.3	24
166	Characteristics and Clinical Significance of Angiographically Mild Lesions in Acute Coronary Syndromes. JACC: Cardiovascular Imaging, 2012, 5, S86-S94.	5.3	23
167	Intravascular Ultrasound Guidance Improves the Long-term Prognosis in Patients with Unprotected Left Main Coronary Artery Disease Undergoing Percutaneous Coronary Intervention. Scientific Reports, 2017, 7, 2377.	3.3	23
168	Serial Intravascular Ultrasound Assessment of Atherosclerosis Progression and Regression State-of-the-Art and Limitations. Circulation Journal, 2009, 73, 1557-1560.	1.6	22
169	Relation Between Coronary Calcium and Major Bleeding After Percutaneous Coronary Intervention in Acute Coronary Syndromes (from the Acute Catheterization and Urgent Intervention Triage Strategy) Tj ETQq1 1 0.784314 rgBT /Ove American Journal of Cardiology, 2014, 113, 930-935.	1.6	22
170	Impact of moderate lesion calcium on mechanisms of coronary stenting as assessed with three-dimensional intravascular ultrasound in vivo. American Journal of Cardiology, 2003, 92, 5-10.	1.6	21
171	Intracoronary and Noninvasive Imaging for Prediction of Distal Embolization and Periprocedural Myocardial Infarction During Native Coronary Artery Percutaneous Intervention. Circulation: Cardiovascular Imaging, 2013, 6, 1102-1114.	2.6	20
172	Treatment of ST-Segment Elevation Myocardial Infarction During COVID-19 Pandemic. Cardiovascular Revascularization Medicine, 2020, 21, 1024-1029.	0.8	20
173	The Virtual Histology Intravascular Ultrasound Appearance of Newly Placed Drug-Eluting Stents. American Journal of Cardiology, 2008, 102, 1182-1186.	1.6	19
174	Relation Between Individual Plaque Components and Overall Plaque Burden in the Prospective, Multicenter Virtual Histology Intravascular Ultrasound Registry. American Journal of Cardiology, 2009, 104, 501-506.	1.6	19
175	Serial Gray Scale Intravascular Ultrasound Findings in Late Drug-Eluting Stent Restenosis. American Journal of Cardiology, 2013, 111, 695-699.	1.6	18
176	Effect of Obesity on Coronary Atherosclerosis and Outcomes of Percutaneous Coronary Intervention. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	18
177	IVUS-Based FSI Models for Human Coronary Plaque Progression Study: Components, Correlation and Predictive Analysis. Annals of Biomedical Engineering, 2015, 43, 107-121.	2.5	18
178	Plaque burden can be assessed using intravascular optical coherence tomography and a dedicated automated processing algorithm: a comparison study with intravascular ultrasound. European Heart Journal Cardiovascular Imaging, 2020, 21, 640-652.	1.2	18
179	Long-Term Follow-Up of Attenuated Plaques in Patients With Acute Myocardial Infarction. Circulation: Cardiovascular Interventions, 2012, 5, 185-192.	3.9	17
180	Comparison of plaque morphology between peripheral and coronary artery disease (from the CLARITY) Tj ETQq0 0 0 rgBT /Overlock 10 T	0.7	17

#	Article	IF	Citations
181	Intravascular ultrasound assessment of the effects of rotational atherectomy in calcified coronary artery lesions. International Journal of Cardiovascular Imaging, 2018, 34, 1365-1371.	1.5	17
182	Interrelation of Coronary Angiographic Reference Lumen Size and Intravascular Ultrasound Target Lesion Calcium. American Journal of Cardiology, 1998, 81, 387-391.	1.6	16
183	Intravascular Ultrasound Assessment of Ruptured Atherosclerotic Plaques in Left Main Coronary Arteries. American Journal of Cardiology, 2005, 96, 794-798.	1.6	16
184	Serial Intravascular Ultrasound Analysis of Peri-Stent Remodeling and Proximal and Distal Edge Effects After Sirolimus-Eluting or Paclitaxel-Eluting Stent Implantation in Patients With Diabetes Mellitus. American Journal of Cardiology, 2009, 103, 1083-1088.	1.6	16
185	Usefulness of Coronary Atheroma Burden to Predict Cardiovascular Events in Patients Presenting With Acute Coronary Syndromes (from the PROSPECT Study). American Journal of Cardiology, 2015, 116, 1672-1677.	1.6	16
186	Etiology, Frequency, and Clinical Outcomes of Myocardial Infarction After Successful Drug-Eluting Stent Implantation. Circulation: Cardiovascular Interventions, 2015, 8, e002447.	3.9	15
187	A Machine Learning-Based Method for Intracoronary OCT Segmentation and Vulnerable Coronary Plaque Cap Thickness Quantification. International Journal of Computational Methods, 2019, 16, 1842008.	1.3	15
188	DICOM-based intravascular ultrasound signal intensity analysis. Coronary Artery Disease, 2014, 25, 236-241.	0.7	14
189	Iterative Image Reconstruction Improves the Accuracy of Automated Plaque Burden Assessment in Coronary CT Angiography: A Comparison With Intravascular Ultrasound. American Journal of Roentgenology, 2017, 208, 777-784.	2.2	14
190	Utility of intracoronary imaging in the cardiac catheterization laboratory: comprehensive evaluation with intravascular ultrasound and optical coherence tomography. British Medical Bulletin, 2018, 125, 79-90.	6.9	12
191	Impact of intravascular ultrasound on Outcomes following PErcutaneous coronary interventioN for In-stent Restenosis (iOPEN-ISR study). International Journal of Cardiology, 2021, 340, 17-21.	1.7	12
192	Mechanical properties and imaging characteristics of remanufactured intravascular ultrasound catheters. International Journal of Cardiovascular Imaging, 2000, 16, 23-27.	0.6	11
193	Waksman In-Stent Restenosis Classification: A Mechanism-Based Approach to the Treatment of Restenosis. Cardiovascular Revascularization Medicine, 2021, 33, 62-67.	0.8	11
194	Intravascular ultrasound findings after excimer laser coronary angioplasty. , 1996, 37, 113-118.		10
195	Bypass to the left coronary artery system may accelerate left main coronary artery negative remodeling and calcification. Clinical Research in Cardiology, 2013, 102, 831-835.	3.3	10
196	Use of intracoronary imaging to guide optimal percutaneous coronary intervention procedures and outcomes. Heart, 2021, 107, 755-764.	2.9	10
197	Meta-Analysis of Intravascular Ultrasound-Guided Drug-Eluting Stent Implantation for Left Main Coronary Disease. American Journal of Cardiology, 2020, 128, 92-93.	1.6	10
198	Is Routine Postdilation During Angiography-Guided Stent Implantation as Good as Intravascular Ultrasound Guidance?: An Analysis Using Data From IVUS-XPL and ULTIMATE. Circulation: Cardiovascular Interventions, 2022, 15, e011366.	3.9	10

#	Article	IF	Citations
199	Chronic Arterial Responses to Overlapping Paclitaxel-Eluting Stents. JACC: Cardiovascular Interventions, 2008, 1, 161-167.	2.9	9
200	Why are we so concerned with acute incomplete stent apposition?. European Heart Journal Cardiovascular Imaging, 2015, 16, 110-111.	1.2	9
201	Multimodality imaging of attenuated plaque using grayscale and virtual histology intravascular ultrasound and optical coherent tomography. Catheterization and Cardiovascular Interventions, 2016, 88, E1-E11.	1.7	9
202	Intravascular Imaging, StentÂImplantation, and the Elephant in the Room. JACC: Cardiovascular Interventions, 2017, 10, 2499-2501.	2.9	9
203	Multi-factor decision-making strategy for better coronary plaque burden increase prediction: a patient-specific 3D FSI study using IVUS follow-up data. Biomechanics and Modeling in Mechanobiology, 2019, 18, 1269-1280.	2.8	9
204	Influence of Ezetimibe on Plaque Morphology in Patients with ST Elevation Myocardial Infarction Assessed by Optical Coherence Tomography: An OCTIVUS Sub-Study. Cardiovascular Revascularization Medicine, 2020, 21, 1417-1424.	0.8	9
205	Procedural Outcomes of Patients Undergoing Percutaneous Coronary Intervention for De Novo Lesions in the Ostial and Proximal Left Circumflex Coronary Artery. American Journal of Cardiology, 2020, 135, 62-67.	1.6	9
206	Prospective Comparison Between Saline and Radiocontrast for Intracoronary Imaging With Optical Coherence Tomography. JACC: Cardiovascular Imaging, 2020, 13, 2060-2062.	5.3	9
207	Virtual histology intravascular ultrasound comparison of coronary chronic total occlusions versus non-occlusive lesions. International Journal of Cardiovascular Imaging, 2013, 29, 1249-1254.	1.5	8
208	Imaging-guided pre-dilatation, stenting, post-dilatation: a protocolized approach highlighting the importance of intravascular imaging for implantation of bioresorbable scaffolds. Expert Review of Cardiovascular Therapy, 2018, 16, 431-440.	1.5	8
209	Intravascular ultrasound guidance in the evaluation and treatment of left main coronary artery disease. International Journal of Cardiology, 2021, 325, 168-175.	1.7	8
210	A dual-purpose angioplasty-drug infusion catheter for the treatment of intragraft thrombus. Catheterization and Cardiovascular Diagnosis, 1994, 32, 193-195.	0.3	7
211	Edge Stenosis After Intracoronary Radiotherapy. Circulation, 2001, 103, 2219-2220.	1.6	7
212	Vulnerable Plaque Detection: When OCT Is Not Enough. JACC: Cardiovascular Imaging, 2016, 9, 173-175.	5.3	7
213	Clinical outcomes of suboptimal stent deployment as assessed by optical coherence tomography: long-term results of the CLI-OPCI registry. EuroIntervention, 2022, 18, e150-e157.	3.2	7
214	Optical Coherence Tomography and Virtual-Histology Intravascular Ultrasound. Circulation: Cardiovascular Imaging, 2015, 8, e004045.	2.6	6
215	The â€œOculoâ€Appositional Reflexâ€ Should Optical Coherence Tomographyâ€“Detected Stent Malapposition Be Corrected?. Journal of the American Heart Association, 2019, 8, e012262.	3.7	6
216	Ten-Year Clinical Outcomes of Late-Acquired Stent Malapposition After Coronary Stent Implantation. Arteriosclerosis, Thrombosis, and Vascular Biology, 2020, 40, 288-295.	2.4	6

#	Article	IF	Citations
217	A prediction tool for plaque progression based on patient-specific multi-physical modeling. PLoS Computational Biology, 2021, 17, e1008344.	3.2	6
218	Image-based biomechanical modeling for coronary atherosclerotic plaque progression and vulnerability prediction. International Journal of Cardiology, 2022, 352, 1-8.	1.7	6
219	Lesion-to-lesion relationship of the restenosis process after placement of coronary stents. Catheterization and Cardiovascular Interventions, 2000, 51, 266-272.	1.7	5
220	Predicting the Vulnerable Patient UsingÂIntravascular Imaging âˆ—. Journal of the American College of Cardiology, 2017, 69, 2514-2516.	2.8	5
221	Value of intravascular ultrasound in guiding coronary interventions. Echocardiography, 2018, 35, 520-533.	0.9	5
222	Clinical Experience with Stent Implantation in the Treatment of Saphenous Vein Graft Lesions. Journal of Interventional Cardiology, 1994, 7, 565-573.	1.2	4
223	Simultaneous Assessment of Coronary Flow Reserve and Fractional Flow Reserve with a Novel Pressure-Based Method. Journal of Interventional Cardiology, 2000, 13, 323-330.	1.2	4
224	Understanding Why and When Optical Coherence Tomography Does Not Detect Vulnerable Plaques. Circulation: Cardiovascular Interventions, 2016, 9, .	3.9	4
225	Tissue characteristics of culprit lesion and myocardial tissue-level perfusion in non-ST-segment elevation acute coronary syndromes: The EARLY-MYO-ACS study. International Journal of Cardiology, 2019, 287, 32-38.	1.7	4
226	Long-term Clinical Outcomes of Drug-Eluting Stent Malapposition. Korean Circulation Journal, 2020, 50, 880.	1.9	4
227	Positive Remodeling, Regression of In-Stent Neointimal Hyperplasia, and Late Stent Malapposition in the Absence of Brachytherapy. Circulation, 2000, 102, E111.	1.6	3
228	IVUS- Versus OCT-Guided Coronary Stent Implantation: a Comparison of Intravascular Imaging for Stent Optimization. Current Cardiovascular Imaging Reports, 2018, 11, 1.	0.6	3
229	Supporting evidence from optical coherence tomography for shortening dual antiplatelet therapy after drug-eluting stents implantation. Expert Review of Cardiovascular Therapy, 2020, 18, 261-267.	1.5	3
230	One-Year Outcomes After Treatment of Ostial In-Stent Restenosis in Left Circumflex Versus Left Anterior Descending or Right Coronary Artery. American Journal of Cardiology, 2021, 151, 45-50.	1.6	3
231	Lipid-rich plaques detected by near-infrared spectroscopy predict coronary events irrespective of age: A Lipid Rich Plaque sub-study. Atherosclerosis, 2021, 334, 17-22.	0.8	3
232	Non-Culprit MACE Rate in LRP: The Influence of Optimal Medical Therapy Using DAPT and Statins. Cardiovascular Revascularization Medicine, 2022, 37, 92-96.	0.8	2
233	Predicting future left anterior descending artery events from non-culprit lesions: insights from the Lipid-Rich Plaque study. European Heart Journal Cardiovascular Imaging, 2022, 23, 1365-1372.	1.2	2
234	Lipid-rich plaque density and low-density lipoprotein cholesterol in statin-treated versus statin-naïve patients: a post hoc analysis of the LRP study. EuroIntervention, 2022, 18, 91-93.	3.2	2

#	Article	IF	Citations
235	Applications of grayscale and radiofrequency intravascular ultrasound to image atherosclerotic plaque. Journal of Nuclear Cardiology, 2010, 17, 913-927.	2.1	1
236	Intravascular Imaging in Patients with Acute Coronary Syndromes and Unstable Coronary Plaques. Current Cardiovascular Imaging Reports, 2011, 4, 269-275.	0.6	1
237	Erratum. Expert Review of Cardiovascular Therapy, 2013, 11, 520-520.	1.5	1
238	â€œThe scaffolding must be removed once the house is builtâ€â€”spontaneous coronary artery dissection and the potential of bioresorbable scaffolds. Journal of Thoracic Disease, 2016, 8, E1398-E1403.	1.4	1
239	The Curious Incident of Spotty Calcium in Unstable Atherosclerotic Plaque. Canadian Journal of Cardiology, 2017, 33, 956-958.	1.7	1
240	How Cox models react to a study-specific confounder in a patient-level pooled dataset: random effects better cope with an imbalanced covariate across trials unless baseline hazards differ. Journal of Applied Statistics, 2019, 46, 1903-1916.	1.3	1
241	Morphology and phenotype characteristics of atherosclerotic plaque in patients with acute coronary syndrome: contemporary optical coherence tomography findings. Coronary Artery Disease, 2021, 32, 698-705.	0.7	1
242	Frequency of Lipid-Rich Coronary Plaques in Stable Angina Pectoris versus Acute Coronary Syndrome (from the Lipid Rich Plaque Study). American Journal of Cardiology, 2021, 158, 1-5.	1.6	1
243	Greater plaque burden and cholesterol content may explain an increased incidence of non-culprit events in diabetic patients: a Lipid-Rich Plaque substudy. European Heart Journal Cardiovascular Imaging, 2021, , .	1.2	1
244	From Coronary Angiography to 3-Vessel Intravascular Imaging. JACC: Cardiovascular Imaging, 2022, 15, 682-684.	5.3	1
245	When coronary imaging and physiology are discordant, how best to manage coronary lesions? An appraisal of the clinical evidence. Catheterization and Cardiovascular Interventions, 2022, , .	1.7	1
246	Impact of baseline imaging of non-culprit coronary lesions and adverse events: Insight from LRP study. Cardiovascular Revascularization Medicine, 2021, , .	0.8	1
247	Editorial comment: Transseptal approach to aortography and carotid artery stenting in pulseless disease. Catheterization and Cardiovascular Diagnosis, 1997, 40, 421-421.	0.3	0
248	Guiding Coronary Artery Intervention: One Technology to Rule Them All and in the Darkness Bind Them. Canadian Journal of Cardiology, 2013, 29, 1017-1020.	1.7	0
249	Prediction of the coronary plaque growth and vulnerability change by using patient-specific 3D fluidâ€“structure interaction models based on intravascular ultrasound and optical coherence tomography follow-up data. , 2021, , 315-333.		0
250	Usefulness of Antiplatelet Therapy After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2021, 149, 57-63.	1.6	0
251	Intravascular Ultrasonic Comparison of the Arterial Remodeling after Directional Coronary Atherectomy and Mechanical Rotational Atherectomy. Journal of the Korean Society of Echocardiography, 1994, 2, 23.	0.0	0
252	Perspectives on the rational integration of intravascular imaging and physiology into the current cath lab environment. Chinese Medical Journal, 2013, 126, 1013-8.	2.3	0

#	Article	IF	Citations
253	Near-infrared spectroscopy predicts events in men and women: Results from the Lipid Rich Plaque study. IJC Heart and Vasculature, 2022, 39, 100985.	1.1	0