

Gary S Mintz

List of Publications by Year in descending order

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253
papers

29,395
citations

6840

81
h-index

5739

167
g-index

258
all docs

258
docs citations

258
times ranked

11748
citing authors

#	ARTICLE	IF	CITATIONS
1	A Prospective Natural-History Study of Coronary Atherosclerosis. <i>New England Journal of Medicine</i> , 2011, 364, 226-235.	13.9	2,721
2	American College of Cardiology clinical expert consensus document on standards for acquisition, measurement and reporting of intravascular ultrasound studies (ivus) ³¹ When 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 intravascular ultrasound studies. <i>Journal of the American College of Cardiology</i> , 2001, 37, 1478-1492.	1.2	2,009
3	Consensus Standards for Acquisition, Measurement, and Reporting of Intravascular Optical Coherence Tomography Studies. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1058-1072.	1.2	1,530
4	Angiographic Patterns of In-Stent Restenosis. <i>Circulation</i> , 1999, 100, 1872-1878.	1.6	1,151
5	Patterns and Mechanisms of In-Stent Restenosis. <i>Circulation</i> , 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. <i>Journal of the American College of Cardiology</i> , 2005, 45, 995-998.	1.2	690
7	Atherosclerosis in angiographically "normal" coronary artery reference segments: An intravascular ultrasound study with clinical correlations. <i>Journal of the American College of Cardiology</i> , 1995, 25, 1479-1485.	1.2	553
8	Patterns of Calcification in Coronary Artery Disease. <i>Circulation</i> , 1995, 91, 1959-1965.	1.6	533
9	Optical coherence tomography compared with intravascular ultrasound and with angiography to guide coronary stent implantation (ILLUMIEN III: OPTIMIZE PCI): a randomised controlled trial. <i>Lancet</i> , 2016, 388, 2618-2628.	6.3	473
10	Predictors of Subacute Stent Thrombosis. <i>Circulation</i> , 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. <i>European Heart Journal</i> , 2018, 39, 3281-3300.	1.0	431
12	Sirolimus-eluting stent implantation for unprotected left main coronary artery stenosis. <i>Journal of the American College of Cardiology</i> , 2005, 45, 351-356.	1.2	388
13	Relationship Between Intravascular Ultrasound Guidance and Clinical Outcomes After Drug-Eluting Stents. <i>Circulation</i> , 2014, 129, 463-470.	1.6	350
14	Ischemic Outcomes After Coronary Intervention of Calcified Vessels in Acute Coronary Syndromes. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1845-1854.	1.2	343
15	Morphologic and angiographic features of coronary plaque rupture detected by intravascular ultrasound. <i>Journal of the American College of Cardiology</i> , 2002, 40, 904-910.	1.2	333
16	Optical Coherence Tomographic Analysis of In-Stent Neointimal Hyperplasia After Drug-Eluting Stent Implantation. <i>Circulation</i> , 2011, 123, 2954-2963.	1.6	326
17	Late Stent Malapposition After Drug-Eluting Stent Implantation. <i>Circulation</i> , 2006, 113, 414-419.	1.6	316
18	Intracoronary β -Radiation Therapy Inhibits Recurrence of In-Stent Restenosis. <i>Circulation</i> , 2000, 101, 1895-1898.	1.6	304

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19	The Dynamic Nature of Coronary Artery Lesion Morphology Assessed by Serial Virtual Histology Intravascular Ultrasound Tissue Characterization. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1590-1597.	1.2	302
20	Multicenter Core Laboratory Comparison of the Instantaneous Wave-Free Ratio and Resting P ₁ /P ₂ With Fractional Flow Reserve. <i>Journal of the American College of Cardiology</i> , 2014, 63, 1253-1261.	1.2	301
21	Comparison of Coronary Plaque Rupture Between Stable Angina and Acute Myocardial Infarction. <i>Circulation</i> , 2004, 110, 928-933.	1.6	293
22	Contribution of Inadequate Arterial Remodeling to the Development of Focal Coronary Artery Stenoses. <i>Circulation</i> , 1997, 95, 1791-1798.	1.6	273
23	Contribution of Stent Underexpansion to Recurrence After Sirolimus-Eluting Stent Implantation for In-Stent Restenosis. <i>Circulation</i> , 2004, 109, 1085-1088.	1.6	263
24	Visual-Functional Mismatch Between Coronary Angiography and Fractional Flow Reserve. <i>JACC: Cardiovascular Interventions</i> , 2012, 5, 1029-1036.	1.1	262
25	Atherosclerotic Plaque Burden and CK-MB Enzyme Elevation After Coronary Interventions. <i>Circulation</i> , 2000, 101, 604-610.	1.6	256
26	Clinical Impact of OCT Findings During PCI. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1297-1305.	2.3	255
27	A new optical coherence tomography-based calcium scoring system to predict stent underexpansion. <i>EuroIntervention</i> , 2018, 13, 2182-2189.	1.4	255
28	Tissue characterisation using intravascular radiofrequency data analysis: recommendations for acquisition, analysis, interpretation and reporting. <i>EuroIntervention</i> , 2009, 5, 177-189.	1.4	252
29	Intravascular ultrasound predictors of angiographic restenosis after sirolimus-eluting stent implantation. <i>European Heart Journal</i> , 2006, 27, 1305-1310.	1.0	240
30	Gender and the Extent of Coronary Atherosclerosis, Plaque Composition, and Clinical Outcomes in Acute Coronary Syndromes. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, S62-S72.	2.3	231
31	Determinants and Correlates of Target Lesion Calcium in Coronary Artery Disease: A Clinical, Angiographic and Intravascular Ultrasound Study. <i>Journal of the American College of Cardiology</i> , 1997, 29, 268-274.	1.2	230
32	Intravascular Ultrasound Assessment of Ulcerated Ruptured Plaques. <i>Circulation</i> , 2003, 108, 2473-2478.	1.6	219
33	Clinical Impact of Intravascular Ultrasound-Guided Chronic Total Occlusion Intervention With Zotarolimus-Eluting Versus Biolimus-Eluting Stent Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002592.	1.4	218
34	Creatine Kinase-MB Enzyme Elevation Following Successful Saphenous Vein Graft Intervention Is Associated With Late Mortality. <i>Circulation</i> , 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. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 562-569.	1.4	213
36	Intravascular ultrasound assessment of spontaneous coronary artery dissection. <i>American Journal of Cardiology</i> , 2002, 89, 466-468.	0.7	197

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37	Intravascular Ultrasound Findings of Early Stent Thrombosis After Primary Percutaneous Intervention in Acute Myocardial Infarction. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 239-247.	1.4	196
38	Meta-Analysis of Outcomes After Intravascular Ultrasound-Guided Versus Angiography-Guided Drug-Eluting Stent Implantation in 26,503 Patients Enrolled in Three Randomized Trials and 14 Observational Studies. <i>American Journal of Cardiology</i> , 2014, 113, 1338-1347.	0.7	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. <i>European Heart Journal</i> , 2019, 40, 2566-2584.	1.0	189
40	Intravascular Ultrasound Classification of Plaque Distribution in Left Main Coronary Artery Bifurcations. <i>Circulation: Cardiovascular Interventions</i> , 2010, 3, 105-112.	1.4	185
41	Validation of Intravascular Ultrasound-Derived Parameters With Fractional Flow Reserve for Assessment of Coronary Stenosis Severity. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 65-71.	1.4	180
42	Impact of Post-Intervention Minimal Stent Area on 9-Month Follow-Up Patency of Paclitaxel-Eluting Stents. <i>JACC: Cardiovascular Interventions</i> , 2009, 2, 1269-1275.	1.1	173
43	One-year follow-up after intravascular ultrasound assessment of moderate left main coronary artery disease in patients with ambiguous angiograms. <i>Journal of the American College of Cardiology</i> , 1999, 34, 707-715.	1.2	171
44	Insights Into Echo-Attenuated Plaques, Echolucent Plaques, and Plaques With Spotty Calcification. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2220-2233.	1.2	170
45	Meta-Analysis of Randomized Studies Comparing Intravascular Ultrasound Versus Angiographic Guidance of Percutaneous Coronary Intervention in Pre-Drug-Eluting Stent Era. <i>American Journal of Cardiology</i> , 2011, 107, 374-382.	0.7	169
46	Detection by Near-Infrared Spectroscopy of Large Lipid Core Plaques at Culprit Sites in Patients With Acute ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2013, 6, 838-846.	1.1	169
47	Prolonged Antiplatelet Therapy to Prevent Late Thrombosis After Intracoronary I^{131} -Radiation in Patients With In-Stent Restenosis. <i>Circulation</i> , 2001, 103, 2332-2335.	1.6	167
48	Mechanisms of In-Stent Restenosis After Drug-Eluting Stent Implantation. <i>Circulation: Cardiovascular Interventions</i> , 2011, 4, 9-14.	1.4	166
49	Intravascular Imaging of Coronary Calcification and Its Clinical Implications. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 461-471.	2.3	166
50	Incidence, Mechanisms, Predictors, and Clinical Impact of Acute and Late Stent Malapposition After Primary Intervention in Patients With Acute Myocardial Infarction. <i>Circulation</i> , 2010, 122, 1077-1084.	1.6	163
51	Arterial responses to balloon coronary angioplasty: An intravascular ultrasound study. <i>Journal of the American College of Cardiology</i> , 1992, 20, 942-951.	1.2	160
52	Sequential intravascular ultrasound of the mechanisms of rotational atherectomy and adjunct balloon angioplasty. <i>Journal of the American College of Cardiology</i> , 1993, 22, 1024-1032.	1.2	156
53	Strut Coverage and Late Malapposition With Paclitaxel-Eluting Stents Compared With Bare Metal Stents in Acute Myocardial Infarction. <i>Circulation</i> , 2011, 123, 274-281.	1.6	155
54	Intravascular Ultrasound Parameters Associated With Stent Thrombosis After Drug-Eluting Stent Deployment. <i>American Journal of Cardiology</i> , 2007, 100, 615-620.	0.7	154

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55	Effect of Intravascular Ultrasound-Guided Drug-Eluting Stent Implantation. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 62-71.	1.1	151
56	Comparison of Stent Expansion Guided by Optical Coherence Tomography Versus Intravascular Ultrasound. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1704-1714.	1.1	146
57	Clinical, intravascular ultrasound, and quantitative angiographic determinants of the coronary flow reserve before and after percutaneous transluminal coronary angioplasty. <i>American Journal of Cardiology</i> , 1998, 82, 423-428.	0.7	144
58	Relation Between Progression and Regression of Atherosclerotic Left Main Coronary Artery Disease and Serum Cholesterol Levels as Assessed With Serial Long-Term (≈12 Months) Follow-Up Intravascular Ultrasound. <i>Circulation</i> , 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. <i>Circulation</i> , 2004, 110, 1579-1585.	1.6	140
60	Intravascular Ultrasound in the Drug-Eluting Stent Era. <i>Journal of the American College of Cardiology</i> , 2006, 48, 421-429.	1.2	137
61	Incidence, Mechanism, Predictors, and Long-Term Prognosis of Late Stent Malapposition After Bare-Metal Stent Implantation. <i>Circulation</i> , 2004, 109, 881-886.	1.6	134
62	The Site of Plaque Rupture in Native Coronary Arteries. <i>Journal of the American College of Cardiology</i> , 2005, 46, 261-265.	1.2	133
63	Intravascular Ultrasound Findings in Patients With Very Late Stent Thrombosis After Either Drug-Eluting or Bare-Metal Stent Implantation. <i>Journal of the American College of Cardiology</i> , 2010, 55, 1936-1942.	1.2	132
64	In vivo characterization of coronary plaques: novel findings from comparing greyscale and virtual histology intravascular ultrasound and near-infrared spectroscopy. <i>European Heart Journal</i> , 2012, 33, 372-383.	1.0	126
65	Role of Low Endothelial Shear Stress and Plaque Characteristics in the Prediction of Nonculprit Major Adverse Cardiac Events. <i>JACC: Cardiovascular Imaging</i> , 2018, 11, 462-471.	2.3	124
66	Intravascular Ultrasound-Derived Predictors for Fractional Flow Reserve in Intermediate Left Main Disease. <i>JACC: Cardiovascular Interventions</i> , 2011, 4, 1168-1174.	1.1	123
67	Attenuated Plaque Detected by Intravascular Ultrasound. <i>JACC: Cardiovascular Interventions</i> , 2009, 2, 65-72.	1.1	117
68	Clinical Utility of Intravascular Imaging and Physiology in Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2014, 64, 207-222.	1.2	117
69	Prevalence, Distribution, Predictors, and Outcomes of Patients With Calcified Nodules in Native Coronary Arteries. <i>Circulation</i> , 2012, 126, 537-545.	1.6	115
70	Intravascular imaging in coronary artery disease. <i>Lancet, The</i> , 2017, 390, 793-809.	6.3	112
71	A Volumetric Intravascular Ultrasound Comparison of Early Drug-Eluting Stent Thrombosis Versus Restenosis. <i>JACC: Cardiovascular Interventions</i> , 2009, 2, 428-434.	1.1	109
72	Fractional Flow Reserve/Instantaneous-Wave-Free Ratio Discordance in Angiographically Intermediate Coronary Stenoses. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2514-2524.	1.1	104

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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.	1.1	99
74	The contribution of "mechanical" problems to in-stent restenosis: An intravascular ultrasonographic analysis of 1090 consecutive in-stent restenosis lesions. American Heart Journal, 2001, 142, 970-974.	1.2	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.	2.3	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.	1.4	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.	0.7	88
80	Intracoronary Optical Coherence Tomography 2018. JACC: Cardiovascular Interventions, 2017, 10, 2473-2487.	1.1	88
81	Assessing intermediate left main coronary lesions using intravascular ultrasound. American Heart Journal, 2007, 154, 983-988.	1.2	83
82	Histopathologic Validation of the Intravascular Ultrasound Diagnosis of Calcified Coronary Artery Nodules. American Journal of Cardiology, 2011, 108, 1547-1551.	0.7	83
83	Effects of Intravascular Ultrasound "Guided" Versus Angiography-Guided New-Generation Drug-Eluting Stent Implantation. JACC: Cardiovascular Interventions, 2016, 9, 2232-2239.	1.1	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.	2.3	80
86	Virtual Histology Intravascular Ultrasound Analysis of Non-Culprit Attenuated Plaques Detected by Grayscale Intravascular Ultrasound in Patients With Acute Coronary Syndromes "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.	0.7	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.	2.3	76
89	Intravascular Ultrasound Study of Patterns of Calcium in Ruptured Coronary Plaques. American Journal of Cardiology, 2005, 96, 352-357.	0.7	73
90	Intravascular Ultrasound Predictors for Edge Restenosis After Newer Generation Drug-Eluting Stent Implantation. American Journal of Cardiology, 2013, 111, 1408-1414.	0.7	73

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91	Long-Term Impact of Routinely Detected Early and Late Incomplete Stent Apposition. JACC: Cardiovascular Interventions, 2010, 3, 486-494.	1.1	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.	1.1	71
93	Two-year outcomes after percutaneous coronary intervention of calcified lesions with drug-eluting stents. International Journal of Cardiology, 2017, 231, 61-67.	0.8	71
94	Outcome After Acute Incomplete Sirolimus-Eluting Stent Apposition as Assessed by Serial Intravascular Ultrasound. American Journal of Cardiology, 2006, 98, 436-442.	0.7	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.	0.7	69
96	Virtual Histology Evaluation of Atherosclerosis Regression During Atorvastatin and Ezetimibe Administration - HEAVEN Study -. Circulation Journal, 2012, 76, 176-183.	0.7	67
97	Longitudinal Distribution of Plaque Burden and Necrotic Core in "Rich Plaques in Nonculprit Lesions of Patients Presenting With Acute Coronary Syndromes. JACC: Cardiovascular Imaging, 2012, 5, S10-S18.	2.3	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.	1.2	64
99	Increased Thin-Cap Neoatheroma and Periprocedural Myocardial Infarction in Drug-Eluting Stent Restenosis. Circulation: Cardiovascular Interventions, 2013, 6, 507-517.	1.4	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.	1.1	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.	1.4	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.	0.7	55
104	Procedural Implications of Intravascular Ultrasound Morphologic Features of Chronic Total Coronary Occlusions. American Journal of Cardiology, 2006, 97, 1455-1462.	0.7	55
105	Tissue Characterization of In-Stent Neointima Using Intravascular Ultrasound Radiofrequency Data Analysis. American Journal of Cardiology, 2010, 106, 1561-1565.	0.7	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.	0.7	55
107	Clinical Impact of Suboptimal Stenting and Residual Intrastent Plaque/Thrombus Protrusion in Patients With Acute Coronary Syndrome. Circulation: Cardiovascular Interventions, 2016, 9, .	1.4	55
108	Intracoronary optical coherence tomography: state of the art and future directions. EuroIntervention, 2021, 17, e105-e123.	1.4	55

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109	Dynamic Nature of Nonculprit Coronary Artery Lesion Morphology in STEMI. JACC: Cardiovascular Imaging, 2013, 6, 86-95.	2.3	53
110	Prevalence, Features, and Prognostic Importance of Edge Dissection After Drug-Eluting Stent Implantation. Circulation: Cardiovascular Interventions, 2016, 9, e003553.	1.4	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.	1.4	51
112	Intravascular Ultrasonic Assessment of Stent Diameters Derived from Manufacturer's Compliance Charts. American Journal of Cardiology, 2005, 96, 74-78.	0.7	50
113	Plaque Composition by Intravascular Ultrasound and Distal Embolization After Percutaneous Coronary Intervention. JACC: Cardiovascular Imaging, 2012, 5, S111-S118.	2.3	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.	1.1	49
115	Intravascular Ultrasound Profile Analysis of Ruptured Coronary Plaques. American Journal of Cardiology, 2006, 98, 429-435.	0.7	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.	1.0	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.	2.3	47
118	Carotid Artery Stenting in Patients with High-Risk Anatomy for Carotid Endarterectomy. Journal of Endovascular Therapy, 2001, 8, 39-43.	0.8	46
119	Three-dimensional intravascular ultrasonography: Reconstruction of endovascular stents in vitro and in vivo. Journal of Clinical Ultrasound, 1993, 21, 609-615.	0.4	45
120	Serial Intravascular Ultrasound Assessment of the Efficacy of Intracoronary β -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.	2.3	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 BT /Overlock 10 T		
123	Non-Fibroatheroma Lesion Phenotype and Long-Term Clinical Outcomes. JACC: Cardiovascular Imaging, 2013, 6, 908-916.	2.3	44
124	Outcomes of optical coherence tomography compared with intravascular ultrasound and with angiography to guide coronary stent implantation: one-year results from the ILLUMIEN III: OPTIMIZE PCI trial. EuroIntervention, 2021, 16, 1085-1091.	1.4	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.	0.7	43
126	Incidence, Location, Magnitude, and Clinical Correlates of Saphenous Vein Graft Calcification. Circulation, 2005, 111, 1148-1152.	1.6	43

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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. <i>Patient Preference and Adherence</i> , 2014, 8, 1299.	0.8	43
128	Variable underlying morphology of culprit plaques associated with ST-elevation myocardial infarction: an optical coherence tomography analysis from the SMART trial. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 1381-1389.	0.5	43
129	Long-term Prognostic Value of Cardiac MRI Left Atrial Strain in ST-Segment Elevation Myocardial Infarction. <i>Radiology</i> , 2020, 296, 299-309.	3.6	43
130	Role of residual acute stent malapposition in percutaneous coronary interventions. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 566-575.	0.7	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. <i>BMC Cardiovascular Disorders</i> , 2018, 18, 115.	0.7	42
132	Impact of Late Drug-Eluting Stent Malapposition on 3-Year Clinical Events. <i>Journal of the American College of Cardiology</i> , 2007, 50, 1515-1516.	1.2	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) <i>Tj ETQq1 1 0.784314 rgBT 40verloc</i>	1.0	40
134	What Have We Learned About Plaque Rupture in Acute Coronary Syndromes?. <i>Current Cardiology Reports</i> , 2010, 12, 338-343.	1.3	40
135	Residual Plaque Burden in Patients With Acute Coronary Syndromes After Successful Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Imaging</i> , 2012, 5, S76-S85.	2.3	40
136	Intravascular ultrasound assessment of the stenoses location and morphology in the left main coronary artery in relation to anatomic left main length. <i>American Journal of Cardiology</i> , 2001, 88, 1-4.	0.7	39
137	Impact of Preinterventional Arterial Remodeling on Neointimal Hyperplasia After Implantation of (Non-Polymer-Encapsulated) Paclitaxel-Coated Stents. <i>Circulation</i> , 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. <i>Atherosclerosis</i> , 2007, 191, 107-114.	0.4	39
139	Improved 3-Year Cardiac Survival After IVUS-Guided Long DES Implantation. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 208-216.	1.1	38
140	Coronary artery lumen volume measurement using three-dimensional intravascular ultrasound: Validation of a new technique. <i>Catheterization and Cardiovascular Diagnosis</i> , 1994, 33, 214-220.	0.7	37
141	Frequency and Severity of Plaque Prolapse Within Cypher and Taxus Stents as Determined by Sequential Intravascular Ultrasound Analysis. <i>American Journal of Cardiology</i> , 2006, 98, 1206-1211.	0.7	37
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