

Pedro A Lemos

List of Publications by Year in descending order

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386
papers

15,083
citations

20817

60
h-index

20358

116
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434
all docs

434
docs citations

434
times ranked

11448
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies for Multivessel Revascularization in Patients with Diabetes. <i>New England Journal of Medicine</i> , 2012, 367, 2375-2384.	27.0	1,573
2	Reliable Noninvasive Coronary Angiography With Fast Submillimeter Multislice Spiral Computed Tomography. <i>Circulation</i> , 2002, 106, 2051-2054.	1.6	907
3	Incidence, Predictors, and Outcomes of Aortic Regurgitation After Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1585-1595.	2.8	702
4	Unrestricted Utilization of Sirolimus-Eluting Stents Compared With Conventional Bare Stent Implantation in the "Real World". <i>Circulation</i> , 2004, 109, 190-195.	1.6	511
5	Multislice spiral computed tomography coronary angiography in patients with stable angina pectoris. <i>Journal of the American College of Cardiology</i> , 2004, 43, 2265-2270.	2.8	376
6	Indication of long-term endothelial dysfunction after sirolimus-eluting stent implantation. <i>European Heart Journal</i> , 2006, 27, 166-170.	2.2	364
7	Clinical, Angiographic, and Procedural Predictors of Angiographic Restenosis After Sirolimus-Eluting Stent Implantation in Complex Patients. <i>Circulation</i> , 2004, 109, 1366-1370.	1.6	305
8	Safety and performance of the second-generation drug-eluting absorbable metal scaffold in patients with de-novo coronary artery lesions (BIOSOLVE-II): 6 month results of a prospective, multicentre, non-randomised, first-in-man trial. <i>Lancet, The</i> , 2016, 387, 31-39.	13.7	284
9	Incidence, predictors, and clinical outcomes of coronary obstruction following transcatheter aortic valve replacement for degenerative bioprosthetic surgical valves: insights from the VIVID registry. <i>European Heart Journal</i> , 2018, 39, 687-695.	2.2	269
10	Coronary Restenosis After Sirolimus-Eluting Stent Implantation. <i>Circulation</i> , 2003, 108, 257-260.	1.6	268
11	Long-Term Safety and Efficacy of Percutaneous Coronary Intervention With Stenting and Coronary Artery Bypass Surgery for Multivessel Coronary Artery Disease. <i>Circulation</i> , 2008, 118, 1146-1154.	1.6	266
12	High Ratio of Triglycerides to HDL-Cholesterol Predicts Extensive Coronary Disease. <i>Clinics</i> , 2008, 63, 427-432.	1.5	251
13	Association Between Transcatheter Aortic Valve Replacement and Subsequent Infective Endocarditis and In-Hospital Death. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 1083.	7.4	241
14	Intracoronary KAI-9803 as an Adjunct to Primary Percutaneous Coronary Intervention for Acute ST-Segment Elevation Myocardial Infarction. <i>Circulation</i> , 2008, 117, 886-896.	1.6	200
15	Late Cardiac Death in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>Journal of the American College of Cardiology</i> , 2015, 65, 437-448.	2.8	196
16	Significant reduction in restenosis after the use of sirolimus-eluting stents in the treatment of chronic total occlusions. <i>Journal of the American College of Cardiology</i> , 2004, 43, 1954-1958.	2.8	194
17	Short- and long-term clinical benefit of sirolimus-eluting stents compared to conventional bare stents for patients with acute myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2004, 43, 704-708.	2.8	191
18	Stent fracture and restenosis in the drug-eluting stent era. <i>Catheterization and Cardiovascular Interventions</i> , 2004, 61, 111-116.	1.7	184

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19	Feasibility of Transcatheter Aortic Valve Implantation Without Balloon Pre-Dilation. <i>JACC: Cardiovascular Interventions</i> , 2011, 4, 751-757.	2.9	172
20	Drug-eluting or bare-metal stents for percutaneous coronary intervention: a systematic review and individual patient data meta-analysis of randomised clinical trials. <i>Lancet</i> , The, 2019, 393, 2503-2510.	13.7	166
21	Association of chronic kidney disease with clinical outcomes after coronary revascularization: The arterial revascularization therapies study (ARTS). <i>American Heart Journal</i> , 2005, 149, 512-519.	2.7	165
22	Value of preprocedure multislice computed tomographic coronary angiography to predict the outcome of percutaneous recanalization of chronic total occlusions. <i>American Journal of Cardiology</i> , 2005, 95, 240-243.	1.6	164
23	Intravascular Ultrasound Guidance to Minimize the Use of Iodine Contrast in Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 1287-1293.	2.9	152
24	Early outcome after sirolimus-eluting stent implantation in patients with acute coronary syndromes. <i>Journal of the American College of Cardiology</i> , 2003, 41, 2093-2099.	2.8	150
25	Sustained safety and performance of the second-generation drug-eluting absorbable metal scaffold in patients with <i>de novo</i> coronary lesions: 12-month clinical results and angiographic findings of the BIOSOLVE-II first-in-man trial. <i>European Heart Journal</i> , 2016, 37, 2701-2709.	2.2	149
26	One-year outcomes of coronary artery bypass graft surgery versus percutaneous coronary intervention with multiple stenting for multisystem disease: A meta-analysis of individual patient data from randomized clinical trials. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2005, 130, 512-519.	0.8	148
27	Type D personality predicts death or myocardial infarction after bare metal stent or sirolimus-eluting stent implantation. <i>Journal of the American College of Cardiology</i> , 2004, 44, 997-1001.	2.8	133
28	Drug-Eluting Stents. <i>Circulation</i> , 2003, 107, 3003-3007.	1.6	125
29	Restenosis rates following bifurcation stenting with sirolimus-eluting stents for <i>de novo</i> narrowings. <i>American Journal of Cardiology</i> , 2004, 94, 115-118.	1.6	124
30	Coronary plaque rupture in patients with myocardial infarction after noncardiac surgery: Frequent and dangerous. <i>Atherosclerosis</i> , 2012, 222, 191-195.	0.8	124
31	Impact of body mass index on the outcome of patients with multivessel disease randomized to either coronary artery bypass grafting or stenting in the ARTS trial: The obesity paradox II?. <i>American Journal of Cardiology</i> , 2005, 95, 439-444.	1.6	123
32	Dipyridamole Stress and Rest Myocardial Perfusion by 64-Detector Row Computed Tomography in Patients With Suspected Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2010, 106, 310-315.	1.6	113
33	An Anatomically Detailed Arterial Network Model for One-Dimensional Computational Hemodynamics. <i>IEEE Transactions on Biomedical Engineering</i> , 2015, 62, 736-753.	4.2	111
34	Sirolimus-Eluting Stent Implantation in ST-Elevation Acute Myocardial Infarction. <i>Circulation</i> , 2003, 108, 1927-1929.	1.6	110
35	Coronary CT angiography using 64 detector rows: methods and design of the multi-centre trial CORE-64. <i>European Radiology</i> , 2009, 19, 816-828.	4.5	110
36	Bioresorbable Drug-Eluting Magnesium-Alloy Scaffold for Treatment of Coronary Artery Disease. <i>International Journal of Molecular Sciences</i> , 2013, 14, 24492-24500.	4.1	109

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37	Post-“Sirolimus-Eluting Stent Restenosis Treated With Repeat Percutaneous Intervention. <i>Circulation</i> , 2004, 109, 2500-2502.	1.6	108
38	Intravascular ultrasound-“guided vs angiography-guided drug-eluting stent implantation in complex coronary lesions: Meta-analysis of randomized trials. <i>American Heart Journal</i> , 2017, 185, 26-34.	2.7	108
39	Drug-eluting stents show delayed healing: paclitaxel more pronounced than sirolimus. <i>European Heart Journal</i> , 2007, 28, 974-979.	2.2	107
40	Transcatheter Replacement of Failed Bioprosthetic Valves. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	3.9	104
41	Sustained safety and clinical performance of a drug-eluting absorbable metal scaffold up to 24 months: pooled outcomes of BIOSOLVE-II and BIOSOLVE-III. <i>EuroIntervention</i> , 2017, 13, 432-439.	3.2	98
42	Emerging technologies: polymer-free phospholipid encapsulated sirolimus nanocarriers for the controlled release of drug from a stent-plus-balloon or a stand-alone balloon catheter. <i>EuroIntervention</i> , 2013, 9, 148-156.	3.2	93
43	Impact of baseline renal function on mortality after percutaneous coronary intervention with sirolimus-eluting stents or bare metal stents. <i>American Journal of Cardiology</i> , 2005, 95, 167-172.	1.6	92
44	Higher Intracoronary Attenuation Improves Diagnostic Accuracy in MDCT Coronary Angiography. <i>American Journal of Roentgenology</i> , 2006, 187, W430-W433.	2.2	92
45	Very long sirolimus-eluting stent implantation for de novo coronary lesions. <i>American Journal of Cardiology</i> , 2004, 93, 826-829.	1.6	91
46	Clinical Impact of Baseline Right Bundle Branch Block in Patients Undergoing Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1564-1574.	2.9	87
47	Retrospective image-based gating of intracoronary ultrasound images for improved quantitative analysis: The intelligate method. <i>Catheterization and Cardiovascular Interventions</i> , 2004, 61, 84-94.	1.7	81
48	Outcomes and predictors of mortality after transcatheter aortic valve implantation: Results of the Brazilian registry. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, E153-62.	1.7	78
49	Impact of the SYNTAX scores I and II in patients with diabetes and multivessel coronary disease: a pooled analysis of patient level data from the SYNTAX, PRECOMBAT, and BEST trials. <i>European Heart Journal</i> , 2017, 38, 1969-1977.	2.2	76
50	Sirolimus-Eluting Stents Remain Superior to Bare-Metal Stents at Two Years. <i>Journal of the American College of Cardiology</i> , 2006, 47, 1356-1360.	2.8	75
51	Extrinsic compression of the left main coronary artery by a dilated pulmonary artery: Clinical, angiographic, and hemodynamic determinants. <i>Catheterization and Cardiovascular Interventions</i> , 2001, 52, 49-54.	1.7	73
52	Noninvasive Assessment of Coronary Plaque Burden Using Multislice Computed Tomography. <i>American Journal of Cardiology</i> , 2005, 95, 1165-1169.	1.6	72
53	Usefulness of Multislice Computed Tomographic Coronary Angiography to Assess In-Stent Restenosis. <i>American Journal of Cardiology</i> , 2005, 96, 799-802.	1.6	71
54	Aspirin-Free Prasugrel Monotherapy Following Coronary Artery Stenting in Patients With Stable CAD. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2251-2262.	2.9	70

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55	Effectiveness of sirolimus-eluting stent for treatment of left main coronary artery disease. American Journal of Cardiology, 2003, 92, 327-329.	1.6	68
56	Diagnostic Ultrasound Impulses Improve Microvascular Flow in Patients With STEMI Receiving Intravenous Microbubbles. Journal of the American College of Cardiology, 2016, 67, 2506-2515.	2.8	68
57	Phosphorus Is Associated with Coronary Artery Disease in Patients with Preserved Renal Function. PLoS ONE, 2012, 7, e36883.	2.5	67
58	Predictive Performance of SYNTAX Score II in Patients With Left Main and Multivessel Coronary Artery Disease. Circulation Journal, 2014, 78, 1942-1949.	1.6	64
59	Predictors and Impact of Myocardial Injury After Transcatheter Aortic Valve Replacement. Journal of the American College of Cardiology, 2015, 66, 2075-2088.	2.8	63
60	Dipyridamole stress and rest transmural myocardial perfusion ratio evaluation by 64 detector-row computed tomography. Journal of Cardiovascular Computed Tomography, 2011, 5, 443-448.	1.3	61
61	TCF7L2 Polymorphism rs7903146 Is Associated with Coronary Artery Disease Severity and Mortality. PLoS ONE, 2009, 4, e7697.	2.5	56
62	Routine sirolimus eluting stent implantation for unselected in-stent restenosis: insights from the rapamycin eluting stent evaluated at Rotterdam cardiology hospital (RESEARCH) registry. Heart, 2004, 90, 1183-1188.	2.9	54
63	In vivo serial invasive imaging of the second-generation drug-eluting absorbable metal scaffold (Magmaris " DREAMS 2G) in de novo coronary lesions: Insights from the BIOSOLVE-II First-In-Man Trial. International Journal of Cardiology, 2018, 255, 22-28.	1.7	54
64	One year cost effectiveness of sirolimus eluting stents compared with bare metal stents in the treatment of single native de novo coronary lesions: an analysis from the RAVEL trial. Heart, 2005, 91, 507-512.	2.9	52
65	Effectiveness of sirolimus-eluting stent implantation for recurrent in-stent restenosis after brachytherapy. American Journal of Cardiology, 2003, 92, 200-203.	1.6	51
66	Treatment of very small vessels with 2.25-mm diameter sirolimus-eluting stents (from the RESEARCH) Tj ETQq0 0 0,rgBT /Overlock 10 Tf	1.8	51
67	Impact of Coronary Calcium Score on Diagnostic Accuracy for the detection of Significant Coronary Stenosis With Multislice Computed Tomography Angiography. American Journal of Cardiology, 2005, 95, 1225-1227.	1.6	51
68	Clinical outcomes for sirolimus-eluting stent implantation and vascular brachytherapy for the treatment of in-stent restenosis. Catheterization and Cardiovascular Interventions, 2004, 62, 283-288.	1.7	50
69	Safety and clinical performance of a drug eluting absorbable metal scaffold in the treatment of subjects with de novo lesions in native coronary arteries: Pooled 12-month outcomes of <scp>BIOSOLVE</scp> and <scp>BIOSOLVE</scp>. Catheterization and Cardiovascular Interventions, 2018, 92, E502-E511.	1.7	48
70	Long-term fluvastatin reduces the hazardous effect of renal impairment on four-year atherosclerotic outcomes (a LIPS substudy). American Journal of Cardiology, 2005, 95, 445-451.	1.6	47
71	Angiotensinogen M235T polymorphism is associated with coronary artery disease severity. Clinica Chimica Acta, 2005, 362, 176-181.	1.1	47
72	Sirolimus eluting stent implantation for patients with multivessel disease: rationale for the arterial revascularisation therapies study part II (ARTS II). Heart, 2004, 90, 995-998.	2.9	46

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73	Incidence of thrombotic stent occlusion during the first three months after sirolimus-eluting stent implantation in 500 consecutive patients. <i>American Journal of Cardiology</i> , 2004, 93, 1271-1275.	1.6	46
74	Elective sirolimus-eluting stent implantation for left main coronary artery disease: Six-month angiographic follow-up and 1-year clinical outcome. <i>Catheterization and Cardiovascular Interventions</i> , 2004, 62, 292-296.	1.7	44
75	Novel Indices of Coronary Physiology. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008487.	3.9	44
76	Coronary Revascularization (Surgical or Percutaneous) Decreases Mortality After the First Year in Diabetic Subjects but not in Nondiabetic Subjects With Multivessel Disease: An Analysis From the Medicine, Angioplasty, or Surgery Study (MASS II). <i>Circulation</i> , 2006, 114, I-420-I-424.	1.6	43
77	Intravascular ultrasound evaluation after sirolimus eluting stent implantation for de novo and in-stent restenosis lesions. <i>European Heart Journal</i> , 2004, 25, 32-38.	2.2	41
78	Randomized evaluation of two drug-eluting stents with identical metallic platform and biodegradable polymer but different agents (paclitaxel or sirolimus) compared against bare stents: 1-year results of the PAINT trial. <i>Catheterization and Cardiovascular Interventions</i> , 2009, 74, 665-673.	1.7	41
79	Predictors of permanent pacemaker requirement after transcatheter aortic valve implantation: Insights from a Brazilian Registry. <i>International Journal of Cardiology</i> , 2014, 175, 248-252.	1.7	41
80	Cost-effectiveness of the unrestricted use of sirolimus-eluting stents vs. bare metal stents at 1 and 2-year follow-up: results from the RESEARCH Registry. <i>European Heart Journal</i> , 2006, 27, 2996-3003.	2.2	38
81	Comparison of Non-Invasive Methods for the Detection of Coronary Atherosclerosis. <i>Clinics</i> , 2009, 64, 675-682.	1.5	38
82	Value of rapid beta-blocker injection at peak dobutamine-atropine stress echocardiography for detection of coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2003, 41, 1583-1589.	2.8	37
83	Transcatheter aortic valve implantation with a self-expanding nitinol bioprosthesis. <i>Catheterization and Cardiovascular Interventions</i> , 2012, 79, 712-719.	1.7	37
84	Direct Transcatheter Heart Valve Implantation Versus Implantation With Balloon Predilatation. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	3.9	37
85	Infective Endocarditis Following Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007938.	3.9	36
86	Effectiveness of the sirolimus-eluting stent in the treatment of saphenous vein graft disease. <i>Journal of Invasive Cardiology</i> , 2004, 16, 230-3.	0.4	36
87	Usefulness of percutaneous left ventricular assistance to support high-risk percutaneous coronary interventions. <i>American Journal of Cardiology</i> , 2003, 91, 479-481.	1.6	35
88	Video densitometric assessment of aortic regurgitation after transcatheter aortic valve implantation: results from the Brazilian TAVI registry. <i>EuroIntervention</i> , 2016, 11, 1409-1418.	3.2	35
89	Three-dimensional reconstruction of coronary arteries and plaque morphology using CT angiography – comparison and registration with IVUS. <i>BMC Medical Imaging</i> , 2016, 16, 9.	2.7	34
90	Peri/Epicellular Protein Disulfide Isomerase Sustains Vascular Lumen Caliber Through an Anticonstrictive Remodeling Effect. <i>Hypertension</i> , 2016, 67, 613-622.	2.7	34

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91	Evaluation of coronary remodeling after Sirolimus-Eluting stent implantation by serial Three-Dimensional intravascular ultrasound. <i>American Journal of Cardiology</i> , 2003, 91, 1046-1050.	1.6	33
92	Comparison of Late Luminal Loss Response Pattern After Sirolimus-Eluting Stent Implantation or Conventional Stenting. <i>Circulation</i> , 2004, 110, 3199-3205.	1.6	33
93	Atualiza��o das Diretrizes Brasileiras de Valvopatias �� 2020. <i>Arquivos Brasileiros De Cardiologia</i> , 2020, 115, 720-775.	0.8	33
94	Evaluation of plaque composition by intravascular ultrasound ��virtual histology��: the impact of dense calcium on the measurement of necrotic tissue. <i>EuroIntervention</i> , 2010, 6, 394-399.	3.2	32
95	The impact of the introduction of drug-eluting stents on the clinical practice of surgical and percutaneous treatment of coronary artery disease. <i>European Heart Journal</i> , 2005, 26, 675-681.	2.2	31
96	Impaired intravascular triglyceride lipolysis constitutes a marker of clinical outcome in patients with stable angina undergoing secondary prevention treatment. <i>Journal of the American College of Cardiology</i> , 2004, 43, 2225-2232.	2.8	30
97	Safety and performance of the second-generation drug-eluting absorbable metal scaffold (DREAMS) Tj ETQq1 1 0.784314 rgBT /Overl of the BIOSOLVE-II first-in-man trial. <i>EuroIntervention</i> , 2020, 15, e1375-e1382.	3.2	29
98	Fluvastatin reduces the impact of diabetes on long-term outcome after coronary intervention��A Lescol Intervention Prevention Study (LIPS) substudy. <i>American Heart Journal</i> , 2005, 149, 329-335.	2.7	28
99	Evaluation of Blood Flow Reserve in Left Anterior Descending Coronary Artery Territory by Quantitative Myocardial Contrast and Doppler Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2007, 20, 709-716.	2.8	28
100	Additional value of dipyridamole stress myocardial perfusion by 64-row computed tomography in patients with coronary stents. <i>Journal of Cardiovascular Computed Tomography</i> , 2011, 5, 449-458.	1.3	28
101	A retrospective analysis of the effect of noncompliance on time to first major adverse cardiac event in LIPS. <i>Clinical Therapeutics</i> , 2003, 25, 2431-2447.	2.5	27
102	Elucidation of metabolic pathways in glycogen��accumulating organisms with <i>in vivo</i> ¹³ C nuclear magnetic resonance. <i>Environmental Microbiology</i> , 2007, 9, 2694-2706.	3.8	27
103	Angiographic assessment of aortic regurgitation by video��densitometry in the setting of TAVI: Echocardiographic and clinical correlates. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 650-659.	1.7	27
104	Beneficial effects of fluvastatin following percutaneous coronary intervention in patients with unstable and stable angina: results from the Lescol intervention prevention study (LIPS). <i>Heart</i> , 2004, 90, 1156-1161.	2.9	26
105	First-in-man randomised comparison of a novel sirolimus-eluting stent with abluminal biodegradable polymer and thin-strut cobalt-chromium alloy: INSPIRON-I trial. <i>EuroIntervention</i> , 2014, 9, 1380-1384.	3.2	26
106	Delayed intravascular catabolism of chylomicron-like emulsions is an independent predictor of coronary artery disease. <i>Atherosclerosis</i> , 2004, 176, 397-403.	0.8	25
107	Clinical outcomes in 995 unselected real-world patients treated with an ultrathin biodegradable polymer-coated sirolimus-eluting stent: 12-month results from the FLEX Registry. <i>BMJ Open</i> , 2016, 6, e010028.	1.9	25
108	Effectiveness of sirolimus-eluting stent implantation for the treatment of coronary artery disease in octogenarians. <i>American Journal of Cardiology</i> , 2004, 94, 909-913.	1.6	24

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109	<i>Ex vivo</i> validation of 45 MHz intravascular ultrasound backscatter tissue characterization. European Heart Journal Cardiovascular Imaging, 2015, 16, 1112-1119.	1.2	24
110	Total coronary atherosclerotic plaque burden assessment by CT angiography for detecting obstructive coronary artery disease associated with myocardial perfusion abnormalities. Journal of Cardiovascular Computed Tomography, 2016, 10, 121-127.	1.3	24
111	Coronary fractional flow reserve derived from intravascular ultrasound imaging: Validation of a new computational method of fusion between anatomy and physiology. Catheterization and Cardiovascular Interventions, 2019, 93, 266-274.	1.7	24
112	Transcatheter aortic valve implantation for mixed versus pure stenotic aortic valve disease. EuroIntervention, 2017, 13, 1157-1165.	3.2	24
113	Guidelines os the Brazilian Society of Cardiology on Telemedicine in Cardiology - 2019. Arquivos Brasileiros De Cardiologia, 2019, 113, 1006-1056.	0.8	24
114	Improving Cardiac Phase Extraction in IVUS Studies by Integration of Gating Methods. IEEE Transactions on Biomedical Engineering, 2015, 62, 2867-2877.	4.2	23
115	Quantitative Assessment of Acute Regurgitation Following TAVR. JACC: Cardiovascular Interventions, 2020, 13, 1303-1311.	2.9	23
116	Biodegradable-polymer-based, paclitaxel-eluting Infinnium stent: 9-Month clinical and angiographic follow-up results from the SIMPLE II prospective multi-centre registry study. EuroIntervention, 2006, 2, 310-7.	3.2	23
117	Surgical cutdown versus percutaneous access in transfemoral transcatheter aortic valve implantation: Insights from the <sc>B</sc>razilian <sc>TAVI</sc> registry. Catheterization and Cardiovascular Interventions, 2015, 86, 501-505.	1.7	22
118	A bifurcation identifier for IV-OCT using orthogonal least squares and supervised machine learning. Computerized Medical Imaging and Graphics, 2015, 46, 237-248.	5.8	21
119	Optimized Computer-Aided Segmentation and Three-Dimensional Reconstruction Using Intracoronary Optical Coherence Tomography. IEEE Journal of Biomedical and Health Informatics, 2018, 22, 1168-1176.	6.3	20
120	A three-dimensional quantification of calcified and non-calcified plaques in coronary arteries based on computed tomography coronary angiography images: Comparison with expert's annotations and virtual histology intravascular ultrasound. Computers in Biology and Medicine, 2019, 113, 103409.	7.0	20
121	Residual aortic regurgitation is a major determinant of late mortality after transcatheter aortic valve implantation. International Journal of Cardiology, 2012, 157, 288-289.	1.7	19
122	On the Capability of Hybrid-Polarity Features to Observe Metallic Targets at Sea. IEEE Journal of Oceanic Engineering, 2016, 41, 346-361.	3.8	19
123	Late clinical outcomes of myocardial hybrid revascularization versus coronary artery bypass grafting for complex tripleâ€vessel disease: Longâ€term followâ€up of the randomized MERGING clinical trial. Catheterization and Cardiovascular Interventions, 2021, 97, 259-264.	1.7	19
124	Late clinical outcomes after implantation of drug-eluting stents coated with biodegradable polymers: 3-year follow-up of the PAINT randomised trial. EuroIntervention, 2012, 8, 117-119.	3.2	19
125	Comparison between young males and females with acute myocardial infarction. Arquivos Brasileiros De Cardiologia, 2002, 79, 518-525.	0.8	18
126	Standard versus user-interactive assessment of significant coronary stenoses with multislice computed tomography coronary angiography. American Journal of Cardiology, 2004, 94, 1590-1593.	1.6	18

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127	Usefulness of Proteinuria as a Prognostic Marker of Mortality and Cardiovascular Events Among Patients Undergoing Percutaneous Coronary Intervention (Data from the Evaluation of Oral) Tj ETQq1 1 0.784314 156 /Overlock 10 102, 1151-1155.	1.56	18
128	Escore de clcio coronariano prediz estenose e eventos na insuficincia renal crnica pro-transplante. Arquivos Brasileiros De Cardiologia, 2010, 94, 252-260.	0.8	18
129	Drug Interaction Between Clopidogrel and Ranitidine or Omeprazole in Stable Coronary Artery Disease: A Double-Blind, Double Dummy, Randomized Study. American Journal of Cardiovascular Drugs, 2016, 16, 275-284.	2.2	18
130	Registration Methods for IVUS: Transversal and Longitudinal Transducer Motion Compensation. IEEE Transactions on Biomedical Engineering, 2017, 64, 890-903.	4.2	18
131	Clinical and angiographic outcomes after overdilatation of undersized sirolimus-eluting stents with largely oversized balloons: An observational study. Catheterization and Cardiovascular Interventions, 2004, 61, 455-460.	1.7	17
132	Differences determined by optical coherence tomography volumetric analysis in nonculprit lesion morphology and inflammation in STsegment elevation myocardial infarction and stable angina pectoris patients. Catheterization and Cardiovascular Interventions, 2015, 85, E108-15.	1.7	17
133	Prevalence, predictors, and prognostic implications of residual impairment of functional capacity after transcatheter aortic valve implantation. Clinical Research in Cardiology, 2017, 106, 752-759.	3.3	17
134	Elective sirolimus-eluting stent implantation for multivessel disease involving significant LAD stenosis: One-year clinical outcomes of 99 consecutive patients?the Rotterdam experience. Catheterization and Cardiovascular Interventions, 2004, 63, 57-60.	1.7	16
135	Incremental Value of Perfusion over WallMotion Abnormalities with the Use of DobutamineAtropine Stress Myocardial Contrast Echocardiography and Magnetic Resonance Imaging for Detecting Coronary Artery Disease. Echocardiography, 2013, 30, 45-54.	0.9	16
136	EuroSCORE II and STS as mortality predictors in patients undergoing TAVI. Revista Da Associao Mdica Brasileira, 2016, 62, 32-37.	0.7	16
137	Prasugrel monotherapy after PCI with the SYNERGY stent in patients with chronic stable angina or stabilised acute coronary syndromes: rationale and design of the ASET pilot study. EuroIntervention, 2019, 15, e547-e550.	3.2	16
138	No change in endothelial-dependent vasomotion late after coronary irradiation. Cardiovascular Radiation Medicine, 2004, 5, 156-161.	0.6	15
139	Angiographic Segment Size in Patients Referred for Coronary Intervention is Influenced by Constitutional, Anatomical, and Clinical Features. International Journal of Cardiovascular Imaging, 2007, 23, 1-7.	1.5	15
140	MYLIP p.N342S polymorphism is not associated with lipid profile in the Brazilian population. Lipids in Health and Disease, 2012, 11, 83.	3.0	15
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