

Pedro A Lemos

List of Publications by Year in descending order

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Version: 2024-02-01

386
papers

15,083
citations

20817

60
h-index

20358

116
g-index

434
all docs

434
docs citations

434
times ranked

11448
citing authors

#	ARTICLE	IF	CITATIONS
1	Sustained Safety and Performance of a Second-Generation Sirolimus-Eluting Absorbable Metal Scaffold: Long-Term Data of the BIOSOLVE-II First-in-Man Trial at 5 Years. <i>Cardiovascular Revascularization Medicine</i> , 2022, 38, 106-110.	0.8	11
2	Scaling laws and the left main coronary artery bifurcation. A combination of geometric and simulation analyses. <i>Medical Engineering and Physics</i> , 2022, 99, 103701.	1.7	4
3	Fully automated lumen and vessel contour segmentation in intravascular ultrasound datasets. <i>Medical Image Analysis</i> , 2022, 75, 102262.	11.6	13
4	Safety and effectiveness of introducing a robotic-assisted percutaneous coronary intervention program in a tertiary center: a prospective study. <i>Cardiovascular Diagnosis and Therapy</i> , 2022, 12, 67-76.	1.7	2
5	Low platelet reactivity in patients with myocardial infarction treated with aspirin plus ticagrelor. <i>Einstein (Sao Paulo, Brazil)</i> , 2022, 20, .	0.7	0
6	Evolução e Estado Atual das Práticas de Implante Transcateter de Válvula Aórtica na América Latina – Estudo WRITTEN LATAM. <i>Arquivos Brasileiros De Cardiologia</i> , 2022, 118, 1085-1096.	0.8	1
7	Late clinical outcomes of myocardial hybrid revascularization versus coronary artery bypass grafting for complex triple-vessel disease: Long-term follow-up of the randomized MERGING clinical trial. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 259-264.	1.7	19
8	Natural History of Adapted Leaman Score Assessing Coronary Artery Disease Progression by Computed Tomography Angiography: A 7-Year Follow-Up Report. <i>Cardiovascular Revascularization Medicine</i> , 2021, 27, 38-44.	0.8	1
9	Performance of Prediction Models for Contrast-Induced Acute Kidney Injury after Transcatheter Aortic Valve Replacement. <i>CardioRenal Medicine</i> , 2021, 11, 166-173.	1.9	4
10	Single vascular access for concomitant percutaneous coronary intervention and left ventricular assistance with Impella. <i>Postępy W Kardiologii Interwencyjnej</i> , 2021, 17, 218-222.	0.2	0
11	Comparative clinical performance of two types of drug-eluting stents with abluminal biodegradable polymer coating: Five-year results of the DESTINY randomized trial. <i>Revista Portuguesa De Cardiologia (English Edition)</i> , 2021, 40, 71-76.	0.2	0
12	Morphology and phenotype characteristics of atherosclerotic plaque in patients with acute coronary syndrome: contemporary optical coherence tomography findings. <i>Coronary Artery Disease</i> , 2021, 32, 698-705.	0.7	1
13	Coronary arterial geometry: A comprehensive comparison of two imaging modalities. <i>International Journal for Numerical Methods in Biomedical Engineering</i> , 2021, 37, e3442.	2.1	3
14	Comparative clinical performance of two types of drug-eluting stents with abluminal biodegradable polymer coating: Five-year results of the DESTINY randomized trial. <i>Revista Portuguesa De Cardiologia</i> , 2021, 40, 71-76.	0.5	4
15	A simple coronary blood flow model to study the collateral flow index. <i>Biomechanics and Modeling in Mechanobiology</i> , 2021, 20, 1365-1382.	2.8	0
16	Postponing cardiac procedures during the pandemic: The balance between elective and selective!. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 938-939.	1.7	1
17	Patients with COVID-19 who experience a myocardial infarction have complex coronary morphology and high in-hospital mortality: Primary results of a nationwide angiographic study. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E370-E378.	1.7	13
18	Improvement of renal function after transcatheter aortic valve replacement in patients with chronic kidney disease. <i>PLoS ONE</i> , 2021, 16, e0251066.	2.5	3

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19	Simultaneous assessment of coronary stenosis relevance with automated computed tomography angiography and intravascular ultrasound analyses and fractional flow reserve. <i>Coronary Artery Disease</i> , 2021, Publish Ahead of Print, 25-30.	0.7	0
20	A Relação entre Regurgitação Mitral e Implante Transcateter de Válvula Aórtica: um Estudo de Acompanhamento Multi-Institucional. <i>Arquivos Brasileiros De Cardiologia</i> , 2021, 116, 1059-1069.	0.8	1
21	Obstructive sleep apnea, sleep duration and chronic kidney disease in patients with coronary artery disease. <i>Sleep Medicine</i> , 2021, 84, 268-274.	1.6	5
22	Impact of Endothelial Shear Stress on Absorption Process of Resorbable Magnesium Scaffold: A BIOSOLVE-II Substudy. <i>Cardiovascular Revascularization Medicine</i> , 2021, 29, 9-15.	0.8	6
23	Use of robotic assistance to reduce proximity and air-sharing during percutaneous cardiovascular intervention. <i>Future Cardiology</i> , 2021, 17, 865-873.	1.2	2
24	Antithrombotic therapy in the elderly: The more we know, the more we can offer. <i>International Journal of Cardiology</i> , 2021, 339, 58-59.	1.7	1
25	Drug-Eluting or Bare-Metal Stents for Left Anterior Descending or Left Main Coronary Artery Revascularization. <i>Journal of the American Heart Association</i> , 2021, 10, e018828.	3.7	4
26	Comparison of clinical outcomes between Magmaris and Orsiro drug eluting stent at 12-months: Pooled patient level analysis from BIOSOLVE II and BIOFLOW II trials. <i>International Journal of Cardiology</i> , 2020, 300, 60-65.	1.7	13
27	Association of Pulse Pressure With Clinical Outcomes in Patients Under Different Antiplatelet Strategies After Percutaneous Coronary Intervention: Analysis of GLOBAL LEADERS. <i>Canadian Journal of Cardiology</i> , 2020, 36, 747-755.	1.7	2
28	Benchmarking as a quality of care improvement tool for patients with ST-elevation myocardial infarction: an NCDR ACTION Registry experience in Latin America. <i>International Journal for Quality in Health Care</i> , 2020, 32, A1-A8.	1.8	1
29	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
30	Automated lumen segmentation using multi-frame convolutional neural networks in intravascular ultrasound datasets. <i>European Heart Journal Digital Health</i> , 2020, 1, 75-82.	1.7	8
31	TAVR patients count on their thrombocytes: Platelets count is accountable for the outcomes!. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 422-423.	1.7	1
32	Correlation between computed tomography adapted leaman score and computed tomography liver and spleen attenuation parameters for non-alcoholic fatty liver disease as well as respective inflammatory mediators. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 2383-2391.	1.5	2
33	Comparative effectiveness of coronary artery stenosis and atherosclerotic plaque burden assessment for predicting 30-day revascularization and 2-year major adverse cardiac events. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 2365-2375.	1.5	3
34	Short- and Midterm Adherence to Platelet P2Y12 Receptor Inhibitors After Percutaneous Coronary Intervention With Drug-Eluting Stents. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020, 25, 466-471.	2.0	1
35	Percutaneous endovascular delivery of calcium chloride to the intact porcine carotid artery: A novel animal model of arterial calcification. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, E484-E492.	1.7	3
36	Quantitative Assessment of Acute Regurgitation Following TAVR. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1303-1311.	2.9	23

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37	Novel Indices of Coronary Physiology. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008487.	3.9	44
38	Robotic-assisted intervention strategy to minimize air exposure during the procedure: a case report of myocardial infarction and COVID-19. <i>Cardiovascular Diagnosis and Therapy</i> , 2020, 10, 1345-1351.	1.7	6
39	Atualizaç�o das Diretrizes Brasileiras de Valvopatias â€“ 2020. <i>Arquivos Brasileiros De Cardiologia</i> , 2020, 115, 720-775.	0.8	33
40	Safety and performance of the second-generation drug-eluting absorbable metal scaffold (DREAMS) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 of the BIOSOLVE-II first-in-man trial. <i>EuroIntervention</i> , 2020, 15, e1375-e1382.	3.2	29
41	Quantitative aortography assessment of aortic regurgitation. <i>EuroIntervention</i> , 2020, 16, e738-e756.	3.2	8
42	Impacto del da�o renal agudo en el seguimiento a corto y a largo plazo tras el implante percut�neo de v�lvula a�rtica. <i>Revista Espanola De Cardiologia</i> , 2019, 72, 21-29.	1.2	6
43	Renal denervation in patients with heart failure secondary to Chagas' disease: A pilot randomized controlled trial. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 644-650.	1.7	9
44	TCT-422 Clinical Outcomes and Predictors of Mortality Among 847 Nonagenarians Undergoing Percutaneous Coronary Intervention: Insights From a Brazilian Nationwide PCI Registry (C�NIC) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 45	3.2	29
45	TCT-513 Endovascular Therapeutic Hypothermia Is Feasible as an Adjuvant Therapy in Acute ST-Segment Elevation Myocardial Infarction Patients Without Delay in Door-to-Balloon Time. <i>Journal of the American College of Cardiology</i> , 2019, 74, B507.	2.8	0
46	Infective Endocarditis Following Transcatheter Aortic Valve Replacement. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007938.	3.9	36
47	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. <i>Computers in Biology and Medicine</i> , 2019, 113, 103409.	7.0	20
48	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, The</i> , 2019, 393, 2503-2510.	13.7	166
49	First Report of Edge Vascular Response at 12� Months of Magmaris, A Second-Generation Drug-Eluting Resorbable Magnesium Scaffold, Assessed by Grayscale Intravascular Ultrasound, Virtual Histology, and Optical Coherence Tomography. A Biosolve-II Trial Sub-Study. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 392-398.	0.8	9
50	Coronary fractional flow reserve derived from intravascular ultrasound imaging: Validation of a new computational method of fusion between anatomy and physiology. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 266-274.	1.7	24
51	Impact of procedural characteristics on coronary vessel wall healing following implantation of second-generation drug-eluting absorbable metal scaffold in patients with de novo coronary artery lesions: an optical coherence tomography analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 916-924.	1.2	13
52	Serial 3-Dimensional Optical Coherence Tomography Assessment of Jailed Side-Branch by Second-Generation Drug-Eluting Absorbable Metal Scaffold (from the BIOSOLVE-II Trial). <i>American Journal of Cardiology</i> , 2019, 123, 1044-1051.	1.6	1
53	Impact of Acute Kidney Injury on Short- and Long-term Outcomes After Transcatheter Aortic Valve Implantation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 21-29.	0.6	15
54	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. <i>EuroIntervention</i> , 2019, 15, e547-e550.	3.2	16

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55	Guidelines of the Brazilian Society of Cardiology on Telemedicine in Cardiology - 2019. Arquivos Brasileiros De Cardiologia, 2019, 113, 1006-1056.	0.8	24
56	Determinants of success and hemodynamic impact of balloon postdilatation of self-expanding transcatheter aortic valves. Catheterization and Cardiovascular Interventions, 2018, 92, 945-953.	1.7	2
57	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
58	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
59	Topographic Pattern of Valve Calcification. JACC: Cardiovascular Imaging, 2018, 11, 1032-1035.	5.3	2
60	Vessel centerline reconstruction from non-isocentric and non-orthogonal paired monoplane angiographic images. International Journal of Cardiovascular Imaging, 2018, 34, 673-682.	1.5	5
61	Incidence, predictors, and clinical outcomes of coronary obstruction following transcatheter aortic valve replacement for degenerative bioprosthetic surgical valves: insights from the VIVID registry. European Heart Journal, 2018, 39, 687-695.	2.2	269
62	TCT-169 Serial 3-dimensional optical coherence tomography assessment of jailed side-branch by second-generation drug-eluting absorbable metal scaffold (DREAMS 2G) in BIOSOLVE-II trial. Journal of the American College of Cardiology, 2018, 72, B72.	2.8	0
63	TCT-701 Consecutive Intravascular Imaging Assessment up to 3 Years Following Implantation of Resorbable Magnesium Scaffolds. Journal of the American College of Cardiology, 2018, 72, B280-B281.	2.8	0
64	Is the local guy, just a local guy?. Catheterization and Cardiovascular Interventions, 2018, 92, 1049-1049.	1.7	0
65	TCT-619 Comparison of one-dimensional (1D) and three-dimensional (3D) models for the estimation of coronary fractional flow reserve through cardiovascular imaging. Journal of the American College of Cardiology, 2018, 72, B248.	2.8	2
66	The less complex the case is, the more complex is it to choose? The case of lower risk patients with aortic valve stenosis. Catheterization and Cardiovascular Interventions, 2018, 92, 399-400.	1.7	0
67	Percutaneous Transhepatic Mitral Valve Repair With the MitraClip System. JACC: Cardiovascular Interventions, 2018, 11, e109-e111.	2.9	2
68	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 BIOSOLVE-II and BIOSOLVE-III. Catheterization and Cardiovascular Interventions, 2018, 92, E502-E511.	1.7	48
69	Mechanical Characterization of the Vessel Wall by Data Assimilation of Intravascular Ultrasound Studies. Frontiers in Physiology, 2018, 9, 292.	2.8	7
70	Merely subintimal coronary plaque modification improves health status: Not all CTO recanalization failures are alike?. Catheterization and Cardiovascular Interventions, 2018, 91, 1043-1044.	1.7	0
71	Postpercutaneous Interventions: Endothelial Repair. , 2018, , 591-596.		0
72	Coronary calcification identification in optical coherence tomography using convolutional neural networks. , 2018, , .		4

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73	Randomised comparison of a biodegradable polymer ultra-thin sirolimus-eluting stent versus a durable polymer everolimus-eluting stent in patients with de novo native coronary artery lesions: the meriT-V trial. <i>EuroIntervention</i> , 2018, 14, e1207-e1214.	3.2	14
74	The Role of Quantitative Aortographic Assessment of Aortic Regurgitation by Videodensitometry in the Guidance of Transcatheter Aortic Valve Implantation. <i>Arquivos Brasileiros De Cardiologia</i> , 2018, 111, 193-202.	0.8	8
75	To Defer or Not Defer? The Challenges of Physiology in Acute Coronary Syndromes. <i>Arquivos Brasileiros De Cardiologia</i> , 2018, 111, 551-552.	0.8	0
76	Registration Methods for IVUS: Transversal and Longitudinal Transducer Motion Compensation. <i>IEEE Transactions on Biomedical Engineering</i> , 2017, 64, 890-903.	4.2	18
77	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
78	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
79	Prevalence, predictors, and prognostic implications of residual impairment of functional capacity after transcatheter aortic valve implantation. <i>Clinical Research in Cardiology</i> , 2017, 106, 752-759.	3.3	17
80	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
81	PREVALENCE, PREDICTORS AND PROGNOSTIC IMPLICATIONS OF RESIDUAL IMPAIRMENT OF FUNCTIONAL CAPACITY AFTER TRANSCATHETER AORTIC VALVE IMPLANTATION. <i>Journal of the American College of Cardiology</i> , 2017, 69, 1332.	2.8	0
82	Potential of transcatheter aortic valve replacement to improve post-procedure renal function. <i>Cardiovascular Revascularization Medicine</i> , 2017, 18, 507-511.	0.8	8
83	Transcatheter aortic valve replacement by a minimalist approach: A breath of fresh air for patients with chronic obstructive pulmonary disease. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, 781-782.	1.7	4
84	Fully automated lumen segmentation of intracoronary optical coherence tomography images. , 2017, , .		1
85	MTRR rs326119 polymorphism is associated with plasma concentrations of homocysteine and cobalamin, but not with congenital heart disease or coronary atherosclerosis in Brazilian patients. <i>IJC Heart and Vasculature</i> , 2017, 14, 1-5.	1.1	2
86	Treating of aortic valve stenosis in real-life: A multifaceted decision-making challenge. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 90, 671-672.	1.7	0
87	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
88	Intravascular imaging comparison of two metallic limus-eluting stents abuminally coated with biodegradable polymers: IVUS and OCT results of the DESTINY trial. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 161-168.	1.5	8
89	Allogeneic pASC transplantation in humanized pigs attenuates cardiac remodeling post-myocardial infarction. <i>PLoS ONE</i> , 2017, 12, e0176412.	2.5	11
90	Non-invasive Assessment of Coronary Stenoses and Comparison to Invasive Techniques: A Proof-of-Concept Study. , 2017, , .		3

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91	The interaction of de novo and pre-existing aortic regurgitation after TAVI: insights from a new quantitative aortographic technique. <i>EuroIntervention</i> , 2017, 13, 60-68.	3.2	15
92	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
93	Transcatheter aortic valve implantation for mixed versus pure stenotic aortic valve disease. <i>EuroIntervention</i> , 2017, 13, 1157-1165.	3.2	24
94	Diagnosis and Treatment of Rare Complication after Endomyocardial Biopsy. <i>Arquivos Brasileiros De Cardiologia</i> , 2017, 109, 618-619.	0.8	2
95	Left Atrial Myxoma Hypervascularized from the Right Coronary Artery: An Interesting Cath Lab Finding. <i>Case Reports in Cardiology</i> , 2016, 2016, 1-3.	0.2	3
96	A robust fully automatic lumen segmentation method for in vivo intracoronary optical coherence tomography. <i>Research on Biomedical Engineering</i> , 2016, 32, 35-43.	2.2	15
97	EuroSCORE II and STS as mortality predictors in patients undergoing TAVI. <i>Revista Da Associação Médica Brasileira</i> , 2016, 62, 32-37.	0.7	16
98	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
99	TCT-573 Head-to-head comparison between coronary computed tomography angiography (CCTA) and intravascular ultrasound (IVUS) tridimensional models: a geometric point of view. <i>Journal of the American College of Cardiology</i> , 2016, 68, B232.	2.8	0
100	TCT-671 The Role of Pre-existing Aortic Regurgitation on The Clinical Impact of Aortic Regurgitation after Transcatheter Aortic Valve Implantation. <i>Journal of the American College of Cardiology</i> , 2016, 68, B271.	2.8	0
101	TCT-568 Acute mechanical effects of stent implantation and late biological vascular healing: relationship to baseline plaque morphology and compliance. <i>Journal of the American College of Cardiology</i> , 2016, 68, B229.	2.8	0
102	TCT-30 Safety, Clinical Performance and multi-modality imaging data of the Drug Eluting Absorbable Metal Scaffold in the Treatment of Subjects with de Novo Lesions in Native Coronary Arteries at 12-month follow-up-BIOSOLVE-II. <i>Journal of the American College of Cardiology</i> , 2016, 68, B12-B13.	2.8	0
103	TCT-670 Optimal Transcatheter Heart Valve Sizing in Aortic Valve in Valve Implantation: Insights from the Valve in Valve International Data (VIVID) Registry. <i>Journal of the American College of Cardiology</i> , 2016, 68, B271.	2.8	1
104	TCT-678 Incidence, Predictors and Clinical Outcomes of Coronary Obstruction Following Transcatheter Aortic Valve Implantation for Degenerative Bioprosthetic Surgical Valves: Insights from the VIVID Registry. <i>Journal of the American College of Cardiology</i> , 2016, 68, B274-B275.	2.8	1
105	TCT-535 Coronary computed tomography angiography (CCTA) blood flow model, how we can improve it? Insights based on comparison with intravascular ultrasound (IVUS) tridimensional model. <i>Journal of the American College of Cardiology</i> , 2016, 68, B216.	2.8	0
106	Sustained safety and performance of the second-generation drug-eluting absorbable metal scaffold in patients with de novo 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
107	Diagnostic Ultrasound Impulses Improve Microvascular Flow in Patients With STEMI Receiving Intravenous Microbubbles. <i>Journal of the American College of Cardiology</i> , 2016, 67, 2506-2515.	2.8	68
108	On the search of arterial geometry heritability. <i>International Journal of Cardiology</i> , 2016, 221, 1013-1021.	1.7	6

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109	Direct Transcatheter Heart Valve Implantation Versus Implantation With Balloon Predilatation. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	3.9	37
110	Inflation time in stent deployment: How long is enough?. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 73-74.	1.7	2
111	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
112	Endothelial, platelet, and macrophage microparticle levels do not change acutely following transcatheter aortic valve replacement. <i>Journal of Negative Results in BioMedicine</i> , 2016, 15, 7.	1.4	8
113	Transcatheter Replacement of Failed Bioprosthetic Valves. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, .	3.9	104
114	Three-dimensional reconstruction of coronary arteries and plaque morphology using CT angiography â€“ comparison and registration with IVUS. <i>BMC Medical Imaging</i> , 2016, 16, 9.	2.7	34
115	Drug Interaction Between Clopidogrel and Ranitidine or Omeprazole in Stable Coronary Artery Disease: A Double-Blind, Double Dummy, Randomized Study. <i>American Journal of Cardiovascular Drugs</i> , 2016, 16, 275-284.	2.2	18
116	Upstream clopidogrel, prasugrel, or ticagrelor for patients treated with primary angioplasty: Results of an angiographic randomized pilot study. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 87, 1187-1193.	1.7	7
117	Peri/Epicellular Protein Disulfide Isomerase Sustains Vascular Lumen Caliber Through an Anticonstrictive Remodeling Effect. <i>Hypertension</i> , 2016, 67, 613-622.	2.7	34
118	On the Capability of Hybrid-Polarity Features to Observe Metallic Targets at Sea. <i>IEEE Journal of Oceanic Engineering</i> , 2016, 41, 346-361.	3.8	19
119	Total coronary atherosclerotic plaque burden assessment by CT angiography for detecting obstructive coronary artery disease associated with myocardial perfusion abnormalities. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 121-127.	1.3	24
120	Validation of coronary computed tomography angiography scores for non-invasive assessment of atherosclerotic burden through a comparison with multivessel intravascular ultrasound. <i>Atherosclerosis</i> , 2016, 247, 21-27.	0.8	9
121	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
122	Direct communication between the left circumflex and the right coronary arteries: a very rare coronary anomaly circulation. <i>Cardiovascular Diagnosis and Therapy</i> , 2016, 6, 87-91.	1.7	2
123	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
124	Graft failure prior to discharge after coronary artery bypass surgery: a prospective single-centre study using dual 64-slice computed tomography. <i>EuroIntervention</i> , 2016, 12, e972-e978.	3.2	8
125	Accuracy and precision of online quantitative coronary angiography with automatic calibration: a pilot study. <i>Revista Brasileira De Cardiologia Invasiva (English Edition)</i> , 2015, 23, 58-60.	0.1	0
126	Differences determined by optical coherence tomography volumetric analysis in nonâ€“culprit lesion morphology and inflammation in STâ€“segment elevation myocardial infarction and stable angina pectoris patients. <i>Catheterization and Cardiovascular Interventions</i> , 2015, 85, E108-15.	1.7	17

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127	Implante percutâneo de prótese valvar aórtica – experiência com o dispositivo reposicionável Lotus. Revista Brasileira De Cardiologia Invasiva, 2015, 23, 238-241.	0.1	0
128	Percutaneous aortic valve implantation – an experience with the Lotus TM repositionable device. Revista Brasileira De Cardiologia Invasiva (English Edition), 2015, 23, 238-241.	0.1	0
129	Extensive spontaneous coronary dissection with favorable evolution maintained under conservative treatment. Revista Brasileira De Cardiologia Invasiva (English Edition), 2015, 23, 279-281.	0.1	0
130	Misogyny in heart disease?. Catheterization and Cardiovascular Interventions, 2015, 85, 898-898.	1.7	0
131	Outcomes and predictors of mortality after transcatheter aortic valve implantation: Results of the Brazilian registry. Catheterization and Cardiovascular Interventions, 2015, 85, E153-62.	1.7	78
132	Surgical cutdown versus percutaneous access in transfemoral transcatheter aortic valve implantation: Insights from the Brazilian TAVI registry. Catheterization and Cardiovascular Interventions, 2015, 86, 501-505.	1.7	22
133	In-hospital mortality risk prediction after percutaneous coronary interventions: Validating and updating the toronto score in Brazil. Catheterization and Cardiovascular Interventions, 2015, 86, E239-46.	1.7	5
134	Metallic Limus-Eluting Stents Abluminally Coated with Biodegradable Polymers: Angiographic and Clinical Comparison of a Novel Ultra-Thin Sirolimus Stent Versus Biolimus Stent in the DESTINY Randomized Trial. Cardiovascular Therapeutics, 2015, 33, 367-371.	2.5	12
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