Carlo Trani

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2287553/publications.pdf

Version: 2024-02-01

243 papers	6,703 citations	70961 41 h-index	85405 71 g-index
247 all docs	247 docs citations	247 times ranked	5557 citing authors

#	Article	IF	Citations
1	Manual Thrombus-Aspiration Improves Myocardial Reperfusion. Journal of the American College of Cardiology, 2005, 46, 371-376.	1.2	329
2	Angiography alone versus angiography plus optical coherence tomography to guide decision-making during percutaneous coronary intervention: the Centro per la Lotta contro lâ€™Infarto-Optimisation of Percutaneous Coronary Intervention (CLI-OPCI) study. EuroIntervention, 2012, 8, 823-829.	1.4	325
3	Clinical Impact of OCT Findings During PCI. JACC: Cardiovascular Imaging, 2015, 8, 1297-1305.	2.3	255
4	Relationship between coronary plaque morphology of the left anterior descending artery and 12 months clinical outcome: the CLIMA study. European Heart Journal, 2020, 41, 383-391.	1.0	250
5	Plaque rupture and intact fibrous cap assessed by optical coherence tomography portend different outcomes in patients with acute coronary syndrome. European Heart Journal, 2015, 36, 1377-1384.	1.0	226
6	Long-Term Results of the Radial Artery Used for Myocardial Revascularization. Circulation, 2003, 108, 1350-1354.	1.6	215
7	Impella ventricular support in clinical practice: Collaborative viewpoint from a European expert user group. International Journal of Cardiology, 2015, 201, 684-691.	0.8	160
8	Transradial approach (left vs right) and procedural times during percutaneous coronary procedures: TALENT study. American Heart Journal, 2011, 161, 172-179.	1.2	126
9	Vascular complications and access crossover in 10,676 transradial percutaneous coronary procedures. American Heart Journal, 2012, 163, 230-238.	1.2	123
10	Endothelin-1 and acute myocardial infarction: a no-reflow mediator after successful percutaneous myocardial revascularization. European Heart Journal, 2006, 27, 1793-1798.	1.0	103
11	Open-Label, Randomized, Placebo-Controlled Evaluation of Intracoronary Adenosine or Nitroprusside After Thrombus Aspiration During Primary Percutaneous Coronary Intervention for the Prevention of Microvascular Obstruction in Acute Myocardial Infarction. JACC: Cardiovascular Interventions, 2013, 6, 580-589.	1.1	100
12	Intracoronary microparticles and microvascular obstruction in patients with ST elevation myocardial infarction undergoing primary percutaneous intervention. European Heart Journal, 2012, 33, 2928-2938.	1.0	95
13	Influence of the Amount of Myocardium Subtended by a Stenosis on Fractional Flow Reserve. Circulation: Cardiovascular Interventions, 2013, 6, 29-36.	1.4	95
14	Modified T-stenting with intentional protrusion of the side-branch stent within the main vessel stent to ensure ostial coverage and facilitate final kissing balloon: The T-stenting and small protrusion technique (TAP-stenting). Report of bench testing and first clinical Italian-Korean two-centre experience. Catheterization and Cardiovascular Interventions, 2007, 70, 75-82.	0.7	93
15	Coronary Atherosclerotic Phenotype and Plaque Healing in Patients With Recurrent Acute Coronary Syndromes Compared With Patients With Long-term Clinical Stability. JAMA Cardiology, 2019, 4, 321.	3.0	92
16	Mechanisms of Atherothrombosis andÂVascular Response to Primary Percutaneous Coronary Intervention inÂWomen Versus Men With AcuteÂMyocardial Infarction. JACC: Cardiovascular Interventions, 2014, 7, 958-968.	1.1	89
17	Predictors of Periprocedural (Type IVa) Myocardial Infarction, as Assessed by Frequency-Domain Optical Coherence Tomography. Circulation: Cardiovascular Interventions, 2012, 5, 89-96.	1.4	84
18	Maximal Hyperemia in the Assessment of Fractional Flow Reserve. JACC: Cardiovascular Interventions, 2012, 5, 402-408.	1.1	84

#	Article	IF	Citations
19	Quantitative Flow Ratio Identifies Nonculprit Coronary Lesions Requiring Revascularization in Patients With ST-Segmentâ€“Elevation Myocardial Infarction and Multivessel Disease. Circulation: Cardiovascular Interventions, 2018, 11, e006023.	1.4	80
20	Adjunctive devices in primary or rescue PCI: A meta-analysis of randomized trials. International Journal of Cardiology, 2008, 123, 313-321.	0.8	78
21	Fractional Flow Reserve or Optical Coherence Tomography to Guide Management of Angiographically Intermediate Coronary Stenosis. JACC: Cardiovascular Interventions, 2020, 13, 49-58.	1.1	73
22	Drug-Coated Balloon Treatment of Femoropopliteal Lesions for Patients With Intermittent Claudication and Ischemic Rest Pain. JACC: Cardiovascular Interventions, 2018, 11, 945-953.	1.1	71
23	Rationale for intracoronary administration of abciximab. Journal of Thrombosis and Thrombolysis, 2007, 23, 57-63.	1.0	67
24	How to solve difficult side branch access?. EuroIntervention, 2010, 6, J72-J80.	1.4	66
25	Prospective Randomized Comparison of Sirolimus- or Everolimus-Eluting Stent to Treat Bifurcated Lesions by Provisional Approach. JACC: Cardiovascular Interventions, 2011, 4, 327-335.	1.1	63
26	Association between C-reactive protein and angiographic restenosis after bare metal stents: an updated and comprehensive meta-analysis of 2747 patients. Cardiovascular Revascularization Medicine, 2008, 9, 156-165.	0.3	62
27	Coronary Protection to Prevent Coronary Obstruction During TAVR. JACC: Cardiovascular Interventions, 2020, 13, 739-747.	1.1	58
28	Jailed balloon protection: a new technique to avoid acute side-branch occlusion during provisional stenting of bifurcated lesions. Bench test report and first clinical experience. EuroIntervention, 2010, 5, 809-813.	1.4	58
29	Efficacy of contrast medium induced Pd/Pa ratio in predicting functional significance of intermediate coronary artery stenosis assessed by fractional flow reserve: insights from the RINASCI study. EuroIntervention, 2015, 11, 421-427.	1.4	56
30	Feasibility and long-term safety of elective Impella-assisted high-risk percutaneous coronary intervention: a pilot two-centre study. Journal of Cardiovascular Medicine, 2008, 9, 1004-1010.	0.6	55
31	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
32	Use of a second buddy wire during percutaneous coronary interventions: a simple solution for some challenging situations. Journal of Invasive Cardiology, 2005, 17, 171-4.	0.4	55
33	Relation of Myocardial Blush Grade to Microvascular Perfusion and Myocardial Infarct Size After Primary or Rescue Percutaneous Coronary Intervention. American Journal of Cardiology, 2007, 99, 1671-1673.	0.7	51
34	Pre-intervention eosinophil cationic protein serum levels predict clinical outcomes following implantation of drug-eluting stents. European Heart Journal, 2009, 30, 1340-1347.	1.0	51
35	Observational multicentre registry of patients treated with IMPella mechanical circulatory support device in ITaly: the IMP-IT registry. EuroIntervention, 2020, 15, e1343-e1350.	1.4	51
36	Baseline systemic inflammatory status and no-reflow phenomenon after percutaneous coronary angioplasty for acute myocardial infarction. International Journal of Cardiology, 2007, 117, 306-311.	0.8	47

#	Article	IF	Citations
37	Angiographic and clinical outcome of invasively managed patients with thrombosed coronary bare metal or drug-eluting stents: the OPTIMIST study. European Heart Journal, 2008, 29, 3011-3021.	1.0	47
38	Operator Radiation Exposure During Percutaneous Coronary Procedures Through the Left or Right Radial Approach. Circulation: Cardiovascular Interventions, 2011, 4, 226-231.	1.4	46
39	Clinical expert consensus document on the use of percutaneous left ventricular assist support devices during complex high-risk indicated PCI. International Journal of Cardiology, 2019, 293, 84-90.	0.8	46
40	Not all plaque ruptures are born equal: an optical coherence tomography study. European Heart Journal Cardiovascular Imaging, 2017, 18, 1271-1277.	0.5	45
41	Frequency domain optical coherence tomography to assess non-ostial left main coronary artery. EuroIntervention, 2015, 10, e1-e8.	1.4	45
42	Angiographic evaluation of the effect of intracoronary abciximab administration in patients undergoing urgent PCI. International Journal of Cardiology, 2005, 105, 250-255.	0.8	44
43	Transradial approach for coronary angiography and interventions in patients with coronary bypass grafts: Tips and tricks. Catheterization and Cardiovascular Interventions, 2008, 72, 263-272.	0.7	43
44	The Multi-center Evaluation of the Accuracy of the Contrast MEdium INduced Pd/Pa RaTiO in Predicting FFR (MEMENTO-FFR) Study. EuroIntervention, 2016, 12, 708-715.	1.4	41
45	Ethanol Abolishes Ischemic Preconditioning in Humans. Journal of the American College of Cardiology, 2008, 51, 271-275.	1.2	40
46	Evaluation of the â€œLearning Curveâ€•for Left and Right Radial Approach During Percutaneous Coronary Procedures. American Journal of Cardiology, 2011, 108, 185-188.	0.7	40
47	Transradial renal stenting: Why and how. Catheterization and Cardiovascular Interventions, 2009, 74, 951-956.	0.7	39
48	Radial approach for percutaneous coronary interventions on chronic total occlusions: Technical issues and data review. Catheterization and Cardiovascular Interventions, 2014, 83, 47-57.	0.7	39
49	Clinical and procedural impact of aortic arch anatomic variants in carotid stenting procedures. Catheterization and Cardiovascular Interventions, 2015, 86, 480-489.	0.7	39
50	Silent cerebral infarcts after cardiac catheterization: A randomized comparison of radial and femoral approaches. American Heart Journal, 2012, 164, 449-454.e1.	1.2	37
51	Randomized Comparison of Xience V and Multi-Link Vision Coronary Stents in the Same Multivessel Patient With Chronic Kidney Disease (RENAL-DES) Study. Circulation, 2014, 129, 1104-1112.	1.6	37
52	Transcathether aortic valve implantation with the new repositionable self-expandable Evolut R versus CoreValve system: A case-matched comparison. International Journal of Cardiology, 2017, 243, 126-131.	0.8	37
53	Transradial approach to treat superficial femoral artery inâ€stent restenosis. Catheterization and Cardiovascular Interventions, 2009, 74, 494-498.	0.7	36
54	Coronary slow flow is associated with a worse clinical outcome in patients with Takotsubo syndrome. Heart, 2020, 106, 923-930.	1.2	36

#	Article	IF	Citations
55	Long-Term Outcomes of Extent of Revascularization in Complex High Risk and Indicated Patients Undergoing Impella-Protected Percutaneous Coronary Intervention: Report from the Roma-Verona Registry. Journal of Interventional Cardiology, 2019, 2019, 1-10.	0.5	34
56	Coronary bifurcation lesions: To stent one branch or both? A meta-analysis of patients treated with drug eluting stents. International Journal of Cardiology, 2010, 139, 80-91.	0.8	33
57	Late (3 Years) Follow-Up of Successful Versus Unsuccessful Revascularization in Chronic Total Coronary Occlusions Treated by Drug Eluting Stent. American Journal of Cardiology, 2012, 110, 948-953.	0.7	33
58	Technical aspects of the T And small Protrusion (TAP) technique. EuroIntervention, 2015, 11, V91-V95.	1.4	33
59	Frequency-domain optical coherence tomography findings in patients with bifurcated lesions undergoing provisional stenting. European Heart Journal Cardiovascular Imaging, 2014, 15, 547-555.	0.5	32
60	Long-term consequences of optical coherence tomography findings during percutaneous coronary intervention: the Centro Per La Lotta Contro Lâ€™infarto â€“ Optimization Of Percutaneous Coronary Intervention (CLI-OPCI) LATE study. EuroIntervention, 2018, 14, e443-e451.	1.4	32
61	Thrombus aspiration in ST elevation myocardial infarction: comparative efficacy in patients treated early and late after onset of symptoms. Heart, 2010, 96, 1287-1290.	1.2	31
62	Comparison of the Feasibility and Effectiveness of Transradial Coronary Angiography Via Right Versus Left Radial Artery Approaches (from the PREVAIL Study). American Journal of Cardiology, 2012, 110, 771-775.	0.7	31
63	Management and timing of access-site vascular complications occurring after trans-radial percutaneous coronary procedures. International Journal of Cardiology, 2013, 167, 1973-1978.	0.8	31
64	Morphologicalâ€“biohumoral correlations in acute coronary syndromes: Pathogenetic implications. International Journal of Cardiology, 2014, 171, 463-466.	0.8	31
65	Identifying factors that predict the choice and success rate of radial artery catheterisation in contemporary real world cardiology practice: a sub-analysis of the PREVAIL study data. EuroIntervention, 2010, 6, 240-246.	1.4	30
66	Air Pollution and Coronary Plaque Vulnerability and Instability. JACC: Cardiovascular Imaging, 2022, 15, 325-342.	2.3	30
67	Case-Control Registry of Excimer Laser Coronary Angioplasty Versus Distal Protection Devices in Patients With Acute Coronary Syndromes due to Saphenous Vein Graft Disease. American Journal of Cardiology, 2013, 112, 1586-1591.	0.7	29
68	Percutaneous management of vascular access in transfemoral transcatheter aortic valve implantation. World Journal of Cardiology, 2014, 6, 836.	0.5	29
69	A pilot study with a new, rapid-exchange, thrombus-aspirating device in patients with thrombus-containing lesions: The Diver C.E. study. Catheterization and Cardiovascular Interventions, 2006, 67, 887-893.	0.7	28
70	Impact of radialâ€toâ€aorta vascular anatomical variants on risk of failure in transâ€radial coronary procedures. Catheterization and Cardiovascular Interventions, 2012, 80, 298-303.	0.7	28
71	Comparative one-month safety and effectiveness of five leading new-generation devices for transcatheter aortic valve implantation. Scientific Reports, 2019, 9, 17098.	1.6	28
72	Radial versus femoral approach comparison in percutaneous coronary intervention with intraaortic balloon pump support: The RADIAL PUMP UP Registry. American Heart Journal, 2013, 166, 1019-1026.	1.2	27

#	Article	IF	Citations
73	Transradial carotid artery stenting with proximal embolic protection. Catheterization and Cardiovascular Interventions, 2009, 74, 267-272.	0.7	26
74	Eosinophil cationic protein and clinical outcome after bare metal stent implantation. Atherosclerosis, 2011, 215, 166-169.	0.4	26
75	Safety and feasibility of iliac endovascular interventions with a radial approach. Results from a multicenter study coordinated by the Italian Radial Force. International Journal of Cardiology, 2014, 175, 280-284.	0.8	26
76	The Radial Artery for Percutaneous Coronary Procedures or Surgery?. Journal of the American College of Cardiology, 2018, 71, 1167-1175.	1.2	26
77	Feasibility of complex coronary and peripheral interventions by transâ€radial approach using large sheaths. Catheterization and Cardiovascular Interventions, 2012, 79, 597-600.	0.7	25
78	Correlation between CD4+CD28null T lymphocytes, regulatory T cells and plaque rupture: An Optical Coherence Tomography study in Acute Coronary Syndromes. International Journal of Cardiology, 2019, 276, 289-292.	0.8	25
79	Early clinical and haemodynamic matched comparison of balloon-expandable valves. Heart, 2022, 108, 725-732.	1.2	25
80	Results of Emergency Postoperative Re-Angiography After Cardiac Surgery Procedures. Annals of Thoracic Surgery, 2015, 99, 1576-1582.	0.7	24
81	Correlation between frequency-domain optical coherence tomography and fractional flow reserve in angiographically-intermediate coronary lesions. International Journal of Cardiology, 2018, 253, 55-60.	0.8	24
82	Long-term clinical impact of permanent pacemaker implantation in patients undergoing transcatheter aortic valve implantation: a systematic review and meta-analysis. Europace, 2022, 24, 1127-1136.	0.7	24
83	Radial artery complications occurring after transradial coronary procedures using long hydrophilic-coated introducer sheath: a frequency domain-optical coherence tomography study. International Journal of Cardiovascular Imaging, 2014, 30, 21-29.	0.7	23
84	A lessâ€invasive totallyâ€endovascular (LITE) technique for transâ€femoral transcatheter aortic valve replacement. Catheterization and Cardiovascular Interventions, 2020, 96, 459-470.	0.7	22
85	Impella: pumps overview and access site management. Minerva Cardioangiologica, 2018, 66, 606-611.	1.2	21
86	Filter no-reflow during percutaneous coronary intervention of saphenous vein grafts: incidence, predictors and effect of the type of protection device. EuroIntervention, 2011, 7, 955-961.	1.4	21
87	Macrophage infiltrates in coronary plaque erosion and cardiovascular outcome in patients with acute coronary syndrome. Atherosclerosis, 2020, 311, 158-166.	0.4	20
88	Optical coherence tomography, intravascular ultrasound or angiography guidance for distal left main coronary stenting. The <scp>ROCK</scp> cohort <scp>II</scp> study. Catheterization and Cardiovascular Interventions, 2022, 99, 664-673.	0.7	20
89	Comparison of the transradial and transfemoral approaches for coronary angiographic evaluation in patients with internal mammary artery grafts. Journal of Cardiovascular Medicine, 2008, 9, 263-266.	0.6	19
90	Pushing the limits forward: Transradial superficial femoral artery stenting. Catheterization and Cardiovascular Interventions, 2010, 76, 1065-1071.	0.7	19

#	Article	IF	Citations
91	A new operative classification of both anatomic vascular variants and physiopathologic conditions affecting transradial cardiovascular procedures. International Journal of Cardiology, 2010, 145, 120-122.	0.8	19
92	Jailed balloon protection and rescue balloon jailing techniques set the field for safer bifurcation provisional stenting. International Journal of Cardiology, 2015, 201, 376-377.	0.8	19
93	Role of optical coherence tomography for distal left main stem angioplasty. Catheterization and Cardiovascular Interventions, 2020, 96, 755-761.	0.7	19
94	Glycoprotein IIB/IIIA inhibitor to reduce postpercutaneous coronary intervention myonecrosis and improve coronary flow in diabetics: the â€˜OPTIMIZE-ITâ€™ pilot randomized study. Journal of Cardiovascular Medicine, 2009, 10, 245-251.	0.6	18
95	Local fluid dynamics in patients with bifurcated coronary lesions undergoing percutaneous coronary interventions. Cardiology Journal, 2021, 28, 321-329.	0.5	18
96	Patients With In-Stent Restenosis Have an Increased Risk of Mid-Term Venous Graft Failure. Annals of Thoracic Surgery, 2006, 82, 802-804.	0.7	17
97	Fractional flow reserve or optical coherence tomography guidance to revascularize intermediate coronary stenosis using angioplasty (FORZA) trial: study protocol for a randomized controlled trial. Trials, 2014, 15, 140.	0.7	17
98	Timing of Impella implantation and outcomes in cardiogenic shock or highâ€risk percutaneous coronary revascularization. Catheterization and Cardiovascular Interventions, 2021, 98, E222-E234.	0.7	17
99	Characteristics of drug-eluting stent platforms potentially influencing bifurcated lesion provisional stenting procedure. EuroIntervention, 2014, 10, 124-132.	1.4	17
100	Seguimiento de 3ÂaÃ±os de pacientes con lesiones deÂbifurcaciÃ³n tratados conÂstents liberadores deÂsirolimus oÂeverolimus: estudio de colaboraciÃ³n de SEAside y CORpal. Revista Espanola De Cardiologia, 2014, 67, 797-803.	0.6	16
101	Optical coherence tomography guidance for the management of angiographically intermediate left main bifurcation lesions: Early clinical experience. International Journal of Cardiology, 2017, 248, 108-113.	0.8	16
102	Device-related complications after Impella mechanical circulatory support implantation: an IMP-IT observational multicentre registry substudy. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 999-1006.	0.4	16
103	Comparison of Two- and Three-Dimensional Quantitative Coronary Angiography to Intravascular Ultrasound in the Assessment of Intermediate Left Main Stenosis. American Journal of Cardiology, 2012, 109, 1600-1607.	0.7	15
104	Angiographic assessment of myocardial perfusion in Tako-Tsubo syndrome. International Journal of Cardiology, 2013, 168, 4717-4722.	0.8	15
105	Association between inflammatory biomarkers and in-stent restenosis tissue features: an Optical Coherence Tomography Study. European Heart Journal Cardiovascular Imaging, 2014, 15, 917-925.	0.5	15
106	Clinical outcome and correlates of coronary microvascular obstruction in latecomers after acute myocardial infarction. International Journal of Cardiology, 2017, 236, 30-35.	0.8	15
107	Transradial versus transfemoral ancillary approach in complex structural, coronary, and peripheral interventions. Results from the multicenter ancillary registry: A study of the Italian Radial Club. Catheterization and Cardiovascular Interventions, 2018, 91, 97-102.	0.7	15
108	Clinical outcome after percutaneous coronary intervention with drug-eluting stent in bifurcation and nonbifurcation lesions: a meta-analysis of 23â€‰981 patients. Coronary Artery Disease, 2020, 31, 438-445.	0.3	15

#	Article	IF	Citations
109	Outcome of Overlapping Heterogenous Drug-Eluting Stents and of Overlapping Drug-Eluting and Bare Metal Stents. American Journal of Cardiology, 2007, 99, 364-368.	0.7	14
110	Angiographic patterns of myocardial reperfusion after primary angioplasty and ventricular remodeling. Coronary Artery Disease, 2011, 22, 507-514.	0.3	14
111	The occurrence of radial artery occlusion following catheterization. Expert Review of Cardiovascular Therapy, 2012, 10, 1287-1295.	0.6	14
112	Prospective evaluation of myocardial ischemia related to postâ€procedural sideâ€branch stenosis in bifurcated lesions treated by provisional approach with drugâ€eluting stents. Catheterization and Cardiovascular Interventions, 2012, 79, 351-359.	0.7	14
113	Optical coherence tomography features of angiographic complex and smooth lesions in acute coronary syndromes. International Journal of Cardiovascular Imaging, 2015, 31, 927-934.	0.7	14
114	Impact of drug-eluting balloon (pre- or post-) dilation on neointima formation in de novo lesions treated by bare-metal stent: the IN-PACT CORO trial. Heart and Vessels, 2016, 31, 677-686.	0.5	14
115	Nextâ€generation balloonâ€expandable Myval transcatheter heart valve in lowâ€risk aortic stenosis patients. Catheterization and Cardiovascular Interventions, 2022, 99, 889-895.	0.7	14
116	Direct coronary stenting by transradial approach: Rationale and technical issues. Catheterization and Cardiovascular Interventions, 2004, 63, 215-219.	0.7	13
117	Endothelial Progenitor Cells, Microvascular Obstruction, and Left Ventricular Remodeling in Patients With ST Elevation Myocardial Infarction Undergoing Primary Percutaneous Coronary Intervention. American Journal of Cardiology, 2013, 112, 782-791.	0.7	13
118	Baseline inflammatory status and long-term changes in renal function after percutaneous renal artery stenting: A prospective study. International Journal of Cardiology, 2013, 167, 1006-1011.	0.8	13
119	Impact of Accuracy of Fractional Flow Reserve to Reduction ofÂMicrovascular Resistance After Intracoronary Adenosine in PatientsÂWith Angina Pectoris or Nonâ€“ST-Segment Elevation Myocardial Infarction. American Journal of Cardiology, 2014, 113, 1461-1467.	0.7	13
120	Comparison of Right and Left Upper Limb Arterial Variants in Patients Undergoing Bilateral Transradial Procedures. Circulation: Cardiovascular Interventions, 2015, 8, e002863.	1.4	13
121	Hemodynamics and its predictors during Impella-protected PCI in high risk patients with reduced ejection fraction. International Journal of Cardiology, 2019, 274, 221-225.	0.8	13
122	Ticlopidine and aspirin fail to suppress the increased platelet aggregability that follows percutaneous coronary interventions. Journal of Thrombosis and Thrombolysis, 2000, 10, 265-269.	1.0	12
123	A meta-analysis of first-generation drug-eluting vs bare-metal stents for coronary chronic total occlusion: Effect of length of follow-up on clinical outcome. International Journal of Cardiology, 2011, 150, 351-354.	0.8	12
124	Resolute zotarolimus-eluting stent to treat bifurcated lesions according to the provisional technique: A procedural performance comparison with sirolimus- and everolimus-eluting stents. Cardiovascular Revascularization Medicine, 2013, 14, 122-127.	0.3	12
125	Impact of High Body Mass Index on Vascular and Bleeding Complications After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2021, 155, 86-95.	0.7	12
126	Sodium bicarbonate plus N-acetylcysteine to prevent contrast-induced nephropathy in primary and rescue percutaneous coronary interventions: the BINARIO (Bicarbonato e N-Acetil-cisteina) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 10 57 Td (	1.4	12

#	Article	IF	Citations
127	Outcome of patients treated by a novel thinâ€strut cobaltâ€chromium stent in the drugâ€eluting stent era: Results of the SKICE (Skylor in real world practice) registry. Catheterization and Cardiovascular Interventions, 2009, 73, 457-465.	0.7	11
128	Angiographic Predictors of Recurrent Stent Thrombosis (from the Outcome of PCI for) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702 Td (Ste	0.7	11
129	Percutaneous transcatheter aortic valve replacement induces femoral artery shrinkage: angiographic evidence and predictors for a new side effect. Catheterization and Cardiovascular Interventions, 2018, 91, 938-944.	0.7	11
130	Prospective Randomized Comparison of Fractional Flow Reserve Versus Optical Coherence Tomography to Guide Revascularization of Intermediate Coronary Stenoses: Oneâ€Month Results. Journal of the American Heart Association, 2019, 8, e012772.	1.6	11
131	Provisional TAP-stenting strategy to treat bifurcated lesions with drug-eluting stents: one-year clinical results of a prospective registry. Journal of Invasive Cardiology, 2009, 21, 532-7.	0.4	11
132	Directional atherectomy before stenting versus stenting alone in percutaneous coronary interventions: A meta-analysis. International Journal of Cardiology, 2006, 112, 178-183.	0.8	10
133	Outcomes of the tacrolimus drug-eluting Janus stent: a prospective two-centre registry in high-risk patients. Journal of Cardiovascular Medicine, 2008, 9, 589-594.	0.6	10
134	Impact of gender on clinical outcomes after mTOR-inhibitor drug-eluting stent implantation in patients with first manifestation of ischaemic heart disease. European Journal of Preventive Cardiology, 2012, 19, 914-926.	0.8	10
135	Dual role of circulating endothelial progenitor cells in stent struts endothelialisation and neointimal regrowth: A substudy of the IN-PACT CORO trial. Cardiovascular Revascularization Medicine, 2015, 16, 20-26.	0.3	10
136	NT-proANP and NT-proBNP circulating levels as predictors of cardiovascular outcome following coronary stent implantation. Cardiovascular Revascularization Medicine, 2016, 17, 162-168.	0.3	10
137	Urgent PCI in patients with stent thrombosis: an observational single-center study comparing thrombus aspiration and standard PCI. Journal of Invasive Cardiology, 2008, 20, 161-5.	0.4	10
138	Comparative assessment of mammalian target of rapamycin inhibitorâ€eluting stents in the treatment of coronary artery bifurcation lesions: The CASTORâ€Bifurcation registry. Catheterization and Cardiovascular Interventions, 2011, 77, 503-509.	0.7	9
139	No-Reflow Reversibility: A Study Based on Serial Assessment of Multiple Biomarkers. Journal of Cardiovascular Translational Research, 2013, 6, 798-807.	1.1	9
140	Endothelial dysfunction as predictor of angina recurrence after successful percutaneous coronary intervention using second generation drug eluting stents. European Journal of Preventive Cardiology, 2018, 25, 1360-1370.	0.8	9
141	Dual quantitative coronary angiography accurately quantifies intracoronary thrombotic burden in patients with acute coronary syndrome: Comparison with optical coherence tomography imaging. International Journal of Cardiology, 2019, 292, 25-31.	0.8	9
142	The complex link between oxidised low-density lipoprotein and unstable angina. Journal of Cardiovascular Medicine, 2007, 8, 387-391.	0.6	8
143	The Outcome of PCI for stent-Thrombosis MultIcentre Study (OPTIMIST): Rationale and design of a multicenter registry. American Heart Journal, 2007, 153, 377.e1-377.e5.	1.2	8
144	EuroSCORE predicts long-term mortality of unselected patients undergoing percutaneous coronary interventions. International Journal of Cardiology, 2013, 167, 1232-1236.	0.8	8

#	Article	IF	Citations
145	Oneâ€year outcomes of consecutive patients treated by endeavor zotarolimus and resolute zotarolimus stents: The impact of polymer coating in drugâ€eluting stent technology. Catheterization and Cardiovascular Interventions, 2013, 81, 268-273.	0.7	8
146	Radial access in patients with acute coronary syndrome without persistent ST-segment elevation: Systematic review, collaborative meta-analysis, and meta-regression. International Journal of Cardiology, 2016, 222, 1031-1039.	0.8	8
147	Fractional flow reserve in acute coronary syndromes and in stable ischemic heart disease: clinical implications. International Journal of Cardiology, 2019, 277, 42-46.	0.8	8
148	Percutaneous removal of an embolized port catheter: Description of a new coaxial recovery technique including a caseâ€report. Catheterization and Cardiovascular Interventions, 2008, 72, 289-293.	0.7	7
149	Renal artery stenting in patients with chronic ischemic heart disease. Catheterization and Cardiovascular Interventions, 2010, 76, 26-34.	0.7	7
150	INtimal hyPerplasia evAluated by oCT in de novo COROnary lesions treated by drug-eluting balloon and bare-metal stent (IN-PACT CORO): study protocol for a randomized controlled trial. Trials, 2012, 13, 55.	0.7	7
151	Management of the access site after transradial percutaneous procedures. Journal of Cardiovascular Medicine, 2013, 14, 705-713.	0.6	7
152	Frequency-domain optical coherence tomography plaque morphology in stable coronary artery disease. Coronary Artery Disease, 2017, 28, 472-477.	0.3	7
153	Stent malapposition, strut coverage and atherothrombotic prolapse after percutaneous coronary interventions in ST-segment elevation myocardial infarction. Journal of Cardiovascular Medicine, 2019, 20, 122-130.	0.6	7
154	Adenosine-Free Indexes vs. Fractional Flow Reserve for Functional Assessment of Coronary Stenoses: Systematic Review and Meta-Analysis. International Journal of Cardiology, 2020, 299, 93-99.	0.8	7
155	Definitions and clinical impact of revascularization completeness. Minerva Cardioangiologica, 2018, 66, 594-599.	1.2	7
156	Impact of operator experience and wiring technique on procedural efficacy of trans-radial percutaneous chronic total occlusion recanalization performed by dedicated radialists. Cardiology Journal, 2013, 20, 560-567.	0.5	7
157	A Novel Monocyte Subset as a Unique Signature of Atherosclerotic Plaque Rupture. Frontiers in Cell and Developmental Biology, 2021, 9, 753223.	1.8	7
158	Can we have a rationalized selection of intra-aortic balloon pump, Impella, and extracorporeal membrane oxygenation in the catheterization laboratory?. Cardiology Journal, 2022, 29, 115-132.	0.5	7
159	Angio-Guidewire-Ultrasound (AGU) Guidance for Femoral Access in Procedures Requiring Large Sheaths. Journal of Invasive Cardiology, 2019, 31, E37-E39.	0.4	7
160	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.	1.4	7
161	Predictors of thromboxane levels in patients with non-ST-elevation acute coronary syndromes on chronic aspirin therapy. Thrombosis and Haemostasis, 2012, 108, 133-139.	1.8	6
162	Usefulness of EuroSCORE systems for risk stratification. Journal of Cardiovascular Medicine, 2015, 16, 90-99.	0.6	6

#	Article	IF	Citations
163	Angiographically intermediate left main bifurcation disease assessment by frequency domain optical coherence tomography (FD-OCT). International Journal of Cardiology, 2016, 220, 726-728.	0.8	6
164	The combined effect of subcutaneous granulocyte- colony stimulating factor and myocardial contrast echocardiography with intravenous infusion of sulfur hexafluoride on post-infarction left ventricular function, the RIGENERA 2.0 trial: study protocol for a randomized controlled trial. Trials, 2016, 17, 97.	0.7	6
165	Rapid-deployment or transcatheter aortic valves in intermediate-risk patients?. Asian Cardiovascular and Thoracic Annals, 2017, 25, 264-270.	0.2	6
166	An â€œOrthotopicâ€•Snorkel-Stenting Technique to Maintain Coronary Patency During Transcatheter Aortic Valve Replacement. Cardiovascular Revascularization Medicine, 2021, 28, 94-97.	0.3	6
167	Brain-derived neurotrophic factor in patients with acute coronary syndrome. Translational Research, 2021, 231, 39-54.	2.2	6
168	How should I treat this mini-crush stenting complication?. EuroIntervention, 2017, 13, 1248-1252.	1.4	6
169	Early beneficial effects of drugâ€eluting stents in vein grafts wane during long term followâ€up. Catheterization and Cardiovascular Interventions, 2012, 80, 1112-1117.	0.7	5
170	Impact of vascular approach (transradial vs. transfemoral) on the efficacy of thrombus aspiration in acute myocardial infarction patients. Cardiovascular Revascularization Medicine, 2012, 13, 79-83.	0.3	5
171	Long term follow-up of â€œfull metal jacketâ€•of de novo coronary lesions with new generation Zotarolimus-eluting stents. International Journal of Cardiology, 2016, 221, 1008-1012.	0.8	5
172	Update on Provisional Technique for Bifurcation Interventions. Current Cardiology Reports, 2016, 18, 27.	1.3	5
173	Relationship between Serum Inflammatory Biomarkers and Thrombus Characteristics in Patients with ST Segment Elevation Myocardial Infarction. Cardiology, 2017, 137, 27-35.	0.6	5
174	Early Hemodynamic and Structural Impact of Transcatheter Aortic ValveÂReplacement in PureÂAortic Regurgitation. JACC: Cardiovascular Interventions, 2020, 13, 2582-2584.	1.1	5
175	Emerging Evidence that Radial is Safer than Femoral Percutaneous Coronary Intervention in Subjects with ST Segment Elevation Myocardial Infarction.. Reviews on Recent Clinical Trials, 2013, 8, 86-92.	0.4	5
176	Angiographic and clinical outcome of percutaneous coronary intervention for in-stent restenosis of bifurcated lesions. EuroIntervention, 2012, 8, 701-707.	1.4	5
177	Procedural and clinical evaluation of the novel zotarolimus-eluting resolute stent in patients with unselected bifurcated coronary stenosis treated by provisional approach: a multicenter registry. Journal of Invasive Cardiology, 2011, 23, 50-4.	0.4	5
178	Clinical Impact of Heart Team Decisions for Patients With Complex Valvular Heart Disease: A Large, Singleâ€Center Experience. Journal of the American Heart Association, 2022, 11, .	1.6	5
179	Use of cangrelor in patients with acute coronary syndromes undergoing percutaneous coronary intervention: Study design and interim analysis of the ARCANGELO study. Clinical Cardiology, 0, , .	0.7	5
180	Parvovirus <scp>B</scp>19 at the culprit coronary stenosis predicts outcome after stenting. European Journal of Clinical Investigation, 2014, 44, 209-218.	1.7	4

#	Article	IF	Citations
181	Prospective multicentre clinical performance evaluation of second and third generation zotarolimusâ€eluting stents to treat patients with bifurcated coronary lesions. Catheterization and Cardiovascular Interventions, 2016, 87, 15-22.	0.7	4
182	Is undersized self-expandable prosthesis a valuable selection for transcatheter aortic valve replacement in high risk bicuspid aortic valve stenosis? Report of two successful cases. International Journal of Cardiology, 2017, 228, 638-639.	0.8	4
183	Intracoronary Imaging. Circulation: Cardiovascular Interventions, 2018, 11, e007461.	1.4	4
184	Novel ultra-long (48 mm) everolimus-eluting stent for diffusely coronary vessels disease. Minerva Cardioangiologica, 2019, 67, 87-93.	1.2	4
185	In bifurcation PCI, as in everyday life, the consequences of kissing may not always be the same. EuroIntervention, 2016, 11, e1209-e1213.	1.4	4
186	Acute haemodynamic impact of transcatheter aortic valve implantation in patients with severe aortic stenosis. ESC Heart Failure, 2022, , .	1.4	4
187	Predictors of early discharge after transcatheter aortic valve implantation: insight from the CoreValve ClinicalService. Journal of Cardiovascular Medicine, 2022, 23, 454-462.	0.6	4
188	Elevated admission cardiac troponin T is associated with microvascular dysfunction in acute myocardial infarction treated with emergency angioplasty. Journal of Cardiovascular Medicine, 2009, 10, 664-668.	0.6	3
189	Predictors of myocardial microvascular obstruction in patients treated by primary percutaneous coronary intervention and a short ischemic time. International Journal of Cardiology, 2011, 153, 113-115.	0.8	3
190	Intracoronary Use of GP IIb/IIIa Inhibitors in Percutaneous Coronary Interventions. Current Vascular Pharmacology, 2012, 10, 448-453.	0.8	3
191	Commentary: Transradial Access: An Alternative or a Standard of Care for Selected Peripheral Procedures?. Journal of Endovascular Therapy, 2014, 21, 641-643.	0.8	3
192	Three-year Follow-up of Patients With Bifurcation Lesions Treated With Sirolimus- or Everolimus-eluting Stents: SEAside and CORpal Cooperative Study. Revista Espanola De Cardiologia (English Ed), 2014, 67, 797-803.	0.4	3
193	Value of EuroSCORE II in Predicting Total and Cardiac Mortality in Patients Undergoing Percutaneous Coronary Interventions. American Journal of Cardiology, 2014, 113, 745-746.	0.7	3
194	Concordance of angiographic and electrocardiographic indexes of microvascular obstruction. Journal of Cardiovascular Medicine, 2016, 17, 382-391.	0.6	3
195	Trends and outcomes of optical coherence tomography use: 877 patients single-center experience. Cardiovascular Revascularization Medicine, 2019, 20, 303-310.	0.3	3
196	Left Main Trifurcation and Its Percutaneous Treatment. Circulation: Cardiovascular Interventions, 2021, 14, e009872.	1.4	3
197	Assessing the Best Prognostic Score for Transcatheter Aortic Valve Implantation (from the RISPEVA) Tj ETQq1 1 0.784314 rgBT /Overl	0.7	3
198	Role of perilipin 2 in microvascular obstruction in patients with ST-elevation myocardial infarction. European Heart Journal: Acute Cardiovascular Care, 2021, 10, 633-642.	0.4	3

#	Article	IF	Citations
199	Technical Aspects of Provisional Stenting in Percutaneous Treatment of Complex Bifurcation Lesions. Interventional Cardiology Review, 2013, 8, 96.	0.7	3
200	Three-dimensional quantitative coronary angiography and quantification of jeopardised myocardium to predict functional significance of intermediate coronary artery stenosis. EuroIntervention, 2015, 11, 308-318.	1.4	3
201	Clinical impact of routine angiographic follow-up after percutaneous coronary interventions on unprotected left main. Cardiology Journal, 2018, 25, 582-588.	0.5	3
202	Transcatheter aortic valve implantation in pure aortic regurgitation: Hemodynamic and echocardiographic findings in bioprosthesis vs.Ânative valve. Catheterization and Cardiovascular Interventions, 2022, 99, 1599-1608.	0.7	3
203	Retrograde recanalization of left main from saphenous vein graft supported by percutaneous Impella Recover LP 2.5 assist device. Journal of Invasive Cardiology, 2009, 21, E147-50.	0.4	3
204	How to manage difficult anatomic conditions affecting transradial approach coronary procedures?. Indian Heart Journal, 2010, 62, 238-44.	0.2	3
205	Selective intracoronary injection of sestamibi to detect myocardial viability: prediction of perfusion and contractile recovery after percutaneous transluminal coronary angioplasty. Journal of Nuclear Cardiology, 2003, 10, 473-481.	1.4	2
206	Impact of Metabolic Syndrome on Angiographic and Clinical Outcome After Stenting. American Journal of Cardiology, 2008, 101, 1679.	0.7	2
207	Transradial approach for percutaneous coronary interventions on chronic total occlusions. Interventional Cardiology, 2010, 2, 417-425.	0.0	2
208	Frequency-domain optical coherence tomography assessment of kissing-balloon effects in bifurcated coronary artery lesions undergoing provisional stenting. International Journal of Cardiology, 2013, 168, 4837-4839.	0.8	2
209	Multisite artery disease: a common and challenging clinical condition calling for specific management. Future Cardiology, 2014, 10, 395-407.	0.5	2
210	The optimal duration of dual antiplatelet therapy after implantation of drug-eluting coronary stents: an unanswered question. Cardiovascular Diagnosis and Therapy, 2017, 7, S91-S94.	0.7	2
211	TAVR technique tries to go higher than bicuspid valve hurdles. Catheterization and Cardiovascular Interventions, 2018, 91, 995-996.	0.7	2
212	Recurrence of angina after ST-segment elevation myocardial infarction: the role of coronary microvascular obstruction. European Heart Journal: Acute Cardiovascular Care, 2019, , 2048872619880661.	0.4	2
213	Prognostic impact of FFR/contrast FFR discordance. International Journal of Cardiology, 2021, 327, 40-44.	0.8	2
214	Metabolic Syndrome Is a Poor Predictor of Outcome after Coronary Interventions in High-Risk Patients. Hypertension Research, 2008, 31, 2097-2097.	1.5	1
215	TAP stenting: An intuitive and practical technique to treat bifurcated lesions in the hands of different operators. Catheterization and Cardiovascular Interventions, 2010, 75, 979-980.	0.7	1
216	The HEART study. Journal of Cardiovascular Medicine, 2012, 13, 775-782.	0.6	1

#	Article	IF	Citations
217	Access route for coronary chronic total occlusion: femoral or radial approach?. Interventional Cardiology, 2013, 5, 485-488.	0.0	1
218	Post-procedural renal microvascular perfusion measured using the Quantitative Blush Evaluator (QuBE) predicts improvement in renal function in patients undergoing percutaneous renal artery stenting. International Journal of Cardiology, 2014, 172, e127-e129.	0.8	1
219	Successful transradial removal of an inflated coronary stent dislodged from the right coronary ostium. Cardiovascular Revascularization Medicine, 2014, 15, 432-435.	0.3	1
220	MDCT assessment of CAD in type-2 diabetic subjects with diabetic neuropathy: the role of Charcot neuro-arthropathy. European Radiology, 2016, 26, 788-796.	2.3	1
221	Reply. JACC: Cardiovascular Interventions, 2020, 13, 1133-1134.	1.1	1
222	A novel technique for percutaneous mitral balloon valvuloplasty. EuroIntervention, 2021, 17, 586-587.	1.4	1
223	Patent foramen ovale and hypercoagulable state in the pathogenesis of acute thrombotic myocardial infarction. BMJ Case Reports, 2009, 2009, bcr1120081211-bcr1120081211.	0.2	1
224	Usefulness of sheathless guiding catheters in patients with upper extremity vascular anomalies. AsiaIntervention, 2020, 6, 43-49.	0.1	1
225	"Fogarty-like" removal of large coronary thrombus. Journal of Invasive Cardiology, 2007, 19, E317-9.	0.4	1
226	An Unusual Treatment of Atrial Fibrillation. Journal of the American College of Cardiology, 2010, 56, 1259.	1.2	0
227	DESolve novolimus-eluting bioresorbable coronary scaffold failure assessed by frequency-domain optical coherence tomography imaging. Coronary Artery Disease, 2016, 27, 334-336.	0.3	0
228	Exclusion of a coronary artery aneurysm using the STENTYS Xposition S balloon-delivery system with optical coherence tomography guidance. Coronary Artery Disease, 2017, 28, 90-91.	0.3	0
229	Data on optical coherence tomography guidance for the management of angiographically intermediate left main bifurcation lesions. Data in Brief, 2017, 14, 635-638.	0.5	0
230	Complex vein graft intervention after double-valve transcatheter aortic valve replacement. Coronary Artery Disease, 2017, 28, 173-174.	0.3	0
231	A favorable neointimal proliferation healing process of large drug-eluting stent malapposition. Coronary Artery Disease, 2018, 29, 535-538.	0.3	0
232	Proximal occlusion versus distal filter for cerebral protection during carotid stenting: Positive signals from MO.MA trials. Catheterization and Cardiovascular Interventions, 2018, 92, 1011-1012.	0.7	0
233	Access Management for Transfemoral Transcatheter Aortic Valve Implantation. , 2019, , 215-228.		0
234	The conundrum of endovascular common femoral artery treatment: a case report of lithoplasty as a viable solution. European Heart Journal - Case Reports, 2019, 3, ytz122.	0.3	0

#	Article	IF	Citations
235	Percu-Ax aortic valve implantation with a double arm approach: a case report. European Heart Journal - Case Reports, 2020, 4, 1-5.	0.3	0
236	Renal stenting: still alive after ASTRAL and STAR publications?. Anatolian Journal of Cardiology, 2010, 10, 66-68.	0.4	0
237	An update on radial approach for percutaneous coronary intervention in patients with chronic total occlusion. Minerva Cardiology and Angiology, 2017, 65, 140-147.	0.4	0
238	When is compassionate appropriate for end-stage aortic valve stenosis?. Minerva Cardiology and Angiology, 2018, 66, 221-222.	0.4	0
239	Percutaneous left and right ventricular support devices. , 2020, , 41-54.		0
240	Pledget-assisted hemostasis to fix residual access-site bleedings after double pre-closure technique. World Journal of Cardiology, 2022, 14, 297-306.	0.5	0
241	Pledget-assisted hemostasis to fix residual access-site bleedings after double pre-closure technique. World Journal of Cardiology, 2022, 14, 296-305.	0.5	0
242	Clinical impact of the extent of jeopardized myocardium in patients undergoing transcatheter aortic valve intervention. Revista Espanola De Cardiologia (English Ed), 2022, , .	0.4	0
243	A simple technique to obtain postprocedural antegrade angiographic control in singleâ€access Impellaâ€protected PCI. Health Science Reports, 2022, 5, .	0.6	0