

# Javier Escaned

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9542170/publications.pdf>

Version: 2024-02-01

276  
papers

18,701  
citations

20817

60  
h-index

13771

129  
g-index

279  
all docs

279  
docs citations

279  
times ranked

12492  
citing authors

#	ARTICLE	IF	CITATIONS
1	2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. European Heart Journal, 2020, 41, 407-477.	2.2	4,210
2	Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI. New England Journal of Medicine, 2017, 376, 1824-1834.	27.0	742
3	Ticagrelor with or without Aspirin in High-Risk Patients after PCI. New England Journal of Medicine, 2019, 381, 2032-2042.	27.0	683
4	Development and Validation of a New Adenosine-Independent Index of Stenosis Severity From Coronary Waveâ€Intensity Analysis. Journal of the American College of Cardiology, 2012, 59, 1392-1402.	2.8	579
5	Platelet Function Profiles in Patients With Type 2 Diabetes and Coronary Artery Disease on Combined Aspirin and Clopidogrel Treatment. Diabetes, 2005, 54, 2430-2435.	0.6	492
6	Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. European Heart Journal, 2018, 39, 3281-3300.	2.2	431
7	Deferral vs. performance of percutaneous coronary intervention of functionally non-significant coronary stenosis: 15-year follow-up of the DEFER trial. European Heart Journal, 2015, 36, 3182-3188.	2.2	406
8	Percutaneous coronary intervention versus coronary artery bypass grafting in patients with three-vessel or left main coronary artery disease: 10-year follow-up of the multicentre randomised controlled SYNTAX trial. Lancet, The, 2019, 394, 1325-1334.	13.7	406
9	An EAPCI Expert Consensus Document on Ischaemia with Non-Obstructive Coronary Arteries in Collaboration with European Society of Cardiology Working Group on Coronary Pathophysiology & Microcirculation Endorsed by Coronary Vasomotor Disorders International Study Group. European Heart Journal, 2020, 41, 3504-3520.	2.2	385
10	A randomized multicentre trial to compare revascularization with optimal medical therapy for the treatment of chronic total coronary occlusions. European Heart Journal, 2018, 39, 2484-2493.	2.2	380
11	Diagnosis of Spontaneous Coronary Artery Dissection by Optical Coherence Tomography. Journal of the American College of Cardiology, 2012, 59, 1073-1079.	2.8	326
12	Multicenter Core Laboratory Comparison of the Instantaneous Wave-Free Ratio and Resting P /P With Fractional Flow Reserve. Journal of the American College of Cardiology, 2014, 63, 1253-1261.	2.8	301
13	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. Lancet, The, 2016, 387, 31-39.	13.7	284
14	Guiding Principles for Chronic Total Occlusion Percutaneous Coronary Intervention. Circulation, 2019, 140, 420-433.	1.6	263
15	Clinical outcomes of state-of-the-art percutaneous coronary revascularization in patients with de novo three vessel disease: 1-year results of the SYNTAX II study. European Heart Journal, 2017, 38, 3124-3134.	2.2	244
16	Diagnostic Performance of Inâ€Procedure Angiographyâ€Derived Quantitative Flow Reserve Compared to Pressureâ€Derived Fractional Flow Reserve: The FAVOR II Europeâ€Japan Study. Journal of the American Heart Association, 2018, 7, .	3.7	240
17	Safety and Effectiveness of Coronary Intravascular Lithotripsy for Treatment of Severely Calcified Coronary Stenoses. Circulation: Cardiovascular Interventions, 2019, 12, e008434.	3.9	234
18	Retrograde Recanalization of Chronic Total Occlusions in Europe. Journal of the American College of Cardiology, 2015, 65, 2388-2400.	2.8	214

#	ARTICLE	IF	CITATIONS
19	Diagnostic Classification of the Instantaneous Wave-Free Ratio Is Equivalent to Fractional Flow Reserve and Is Not Improved With Adenosine Administration. <i>Journal of the American College of Cardiology</i> , 2013, 61, 1409-1420.	2.8	209
20	Morphometric Assessment of Coronary Stenosis Relevance With Optical Coherence Tomography. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1080-1089.	2.8	190
21	Coronary vascular regulation, remodelling, and collateralization: mechanisms and clinical implications on behalf of the working group on coronary pathophysiology and microcirculation. <i>European Heart Journal</i> , 2015, 36, 3134-3146.	2.2	177
22	Angiographic quantitative flow ratio-guided coronary intervention (FAVOR III China): a multicentre, randomised, sham-controlled trial. <i>Lancet</i> , 2021, 398, 2149-2159.	13.7	175
23	Prospective Assessment of the Diagnostic Accuracy of Instantaneous Wave-Free Ratio to Assess Coronary Stenosis Relevance. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 824-833.	2.9	172
24	Optimal Medical Therapy Improves Clinical Outcomes in Patients Undergoing Revascularization With Percutaneous Coronary Intervention or Coronary Artery Bypass Grafting. <i>Circulation</i> , 2015, 131, 1269-1277.	1.6	167
25	Long-Term Benefit of Early Pre-Reperfusion Metoprolol Administration in Patients With Acute Myocardial Infarction. <i>Journal of the American College of Cardiology</i> , 2014, 63, 2356-2362.	2.8	162
26	Baseline Instantaneous Wave-Free Ratio as a Pressure-Only Estimation of Underlying Coronary Flow Reserve. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 492-502.	3.9	152
27	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
28	The Evolving Future of Instantaneous Wave-Free Ratio and Fractional Flow Reserve. <i>Journal of the American College of Cardiology</i> , 2017, 70, 1379-1402.	2.8	148
29	Importance of diastolic fractional flow reserve and dobutamine challenge in physiologic assessment of myocardial bridging. <i>Journal of the American College of Cardiology</i> , 2003, 42, 226-233.	2.8	146
30	Disturbed Coronary Hemodynamics in Vessels With Intermediate Stenoses Evaluated With Fractional Flow Reserve. <i>Circulation</i> , 2013, 128, 2557-2566.	1.6	137
31	Coronary pressure and flow relationships in humans: phasic analysis of normal and pathological vessels and the implications for stenosis assessment: a report from the Iberian-Dutch-English (IDEAL) collaborators. <i>European Heart Journal</i> , 2015, 37, 2069-2080.	2.2	129
32	Fractional flow reserve as a surrogate for inducible myocardial ischaemia. <i>Nature Reviews Cardiology</i> , 2013, 10, 439-452.	13.7	127
33	Ticagrelor With or Without Aspirin After Complex PPCI. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2414-2424.	2.8	122
34	Thin-cap fibroatheroma predicts clinical events in diabetic patients with normal fractional flow reserve: the COMBINE OCT-FFR trial. <i>European Heart Journal</i> , 2021, 42, 4671-4679.	2.2	121
35	Intramyocardial haemorrhage after acute myocardial infarction. <i>Nature Reviews Cardiology</i> , 2015, 12, 156-167.	13.7	120
36	Pathophysiology and diagnosis of coronary microvascular dysfunction in ST-elevation myocardial infarction. <i>Cardiovascular Research</i> , 2020, 116, 787-805.	3.8	119

#	ARTICLE	IF	CITATIONS
37	Diagnostic performance of angiography-derived fractional flow reserve: a systematic review and Bayesian meta-analysis. <i>European Heart Journal</i> , 2018, 39, 3314-3321.	2.2	116
38	Safety of the Deferral of Coronary Revascularization on the Basis of Instantaneous Wave-Free Ratio and Fractional Flow Reserve Measurements in Stable Coronary Artery Disease and Acute Coronary Syndromes. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1437-1449.	2.9	111
39	Global Chronic Total Occlusion Crossing Algorithm. <i>Journal of the American College of Cardiology</i> , 2021, 78, 840-853.	2.8	111
40	Incidence, Causes, and Predictors of Early (≤30 Days) and Late Unplanned Hospital Readmissions After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1748-1757.	2.9	110
41	Pre-Angioplasty Instantaneous Wave-Free Ratio Pullback Provides Virtual Intervention and Predicts Hemodynamic Outcome for Serial Lesions and Diffuse Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2014, 7, 1386-1396.	2.9	107
42	Optical coherence tomography in coronary atherosclerosis assessment and intervention. <i>Nature Reviews Cardiology</i> , 2022, 19, 684-703.	13.7	106
43	Temporal Trends in Chronic Total Occlusion Interventions in Europe. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006229.	3.9	105
44	Fractional Flow Reserve/Instantaneous Wave-Free Ratio Discordance in Angiographically Intermediate Coronary Stenoses. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2514-2524.	2.9	104
45	Pre-Angioplasty Instantaneous Wave-Free Ratio Pullback Predicts Hemodynamic Outcome In Humans With Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 757-767.	2.9	95
46	Ticagrelor alone vs. ticagrelor plus aspirin following percutaneous coronary intervention in patients with non-ST-segment elevation acute coronary syndromes: TWILIGHT-ACS. <i>European Heart Journal</i> , 2020, 41, 3533-3545.	2.2	93
47	Influence of Microcirculatory Dysfunction on Angiography-Based Functional Assessment of Coronary Stenoses. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 741-753.	2.9	90
48	Integrated Physiologic Assessment of Ischemic Heart Disease in Real-World Practice Using Index of Microcirculatory Resistance and Fractional Flow Reserve. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002857.	3.9	89
49	Spontaneous Coronary Artery Dissection. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2475-2488.	5.3	88
50	Diagnostic and Prognostic Implications of Coronary Flow Capacity. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 1670-1680.	2.9	87
51	Incidence, Management, and Immediate- and Long-Term Outcomes After Iatrogenic Aortic Dissection During Diagnostic or Interventional Coronary Procedures. <i>Circulation</i> , 2015, 131, 2114-2119.	1.6	87
52	Clinical characteristics and prognosis of patients with microvascular angina: an international and prospective cohort study by the Coronary Vasomotor Disorders International Study (COVADIS) Group. <i>European Heart Journal</i> , 2021, 42, 4592-4600.	2.2	84
53	Assessment of Microcirculatory Remodeling With Intracoronary Flow Velocity and Pressure Measurements. <i>Circulation</i> , 2009, 120, 1561-1568.	1.6	83
54	Antiplatelet therapy in patients with conservatively managed spontaneous coronary artery dissection from the multicentre DISCO registry. <i>European Heart Journal</i> , 2021, 42, 3161-3171.	2.2	82

#	ARTICLE	IF	CITATIONS
55	Diagnostic performance of quantitative flow ratio in prospectively enrolled patients: An individual patientâ€data metaâ€analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 693-701.	1.7	79
56	Temporal Changes in Coronary Hyperemic and Resting Hemodynamic Indices in Nonculprit Vessels of Patients With ST-Segment Elevation Myocardial Infarction. <i>JAMA Cardiology</i> , 2019, 4, 736.	6.1	75
57	Cardiovascular disease in HIV patients: from bench to bedside and backwards. <i>Open Heart</i> , 2015, 2, e000174.	2.3	74
58	Clinical Implication of Quantitative Flow Ratio After Percutaneous Coronary Intervention for 3-Vessel Disease. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2064-2075.	2.9	71
59	Intravascular Lithotripsy in Calcified Coronary Lesions. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e008154.	3.9	69
60	Real-time use of instantaneous waveâ€free ratio: Results of the ADVISE in-practice: An international, multicenter evaluation of instantaneous waveâ€free ratio in clinical practice. <i>American Heart Journal</i> , 2014, 168, 739-748.	2.7	67
61	Selected CD133 <sup>+</sup> Progenitor Cells to Promote Angiogenesis in Patients With Refractory Angina. <i>Circulation Research</i> , 2014, 115, 950-960.	4.5	63
62	Head-to-head comparison of basal stenosis resistance index, instantaneous wave-free ratio, and fractional flow reserve: diagnostic accuracy for stenosis-specific myocardial ischaemia. <i>EuroIntervention</i> , 2015, 11, 914-925.	3.2	62
63	The Impact of Coronary Physiology on Contemporary Clinical Decision Making. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1617-1638.	2.9	60
64	Ticagrelor With or Without Aspirin in High-Risk Patients With Diabetes Mellitus Undergoing Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2020, 75, 2403-2413.	2.8	60
65	Complete revascularization reduces cardiovascular death in patients with ST-segment elevation myocardial infarction and multivessel disease: systematic review and meta-analysis of randomized clinical trials. <i>European Heart Journal</i> , 2020, 41, 4103-4110.	2.2	59
66	Doppler-Derived Intracoronary Physiology Indices Predict the Occurrence of Microvascular Injury and Microvascular Perfusion Deficits After Angiographically Successful Primary Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e001786.	3.9	55
67	In vivo serial invasive imaging of the second-generation drug-eluting absorbable metal scaffold (Magmaris â€ DREAMS 2G) in de novo coronary lesions: Insights from the BIOSOLVE-II First-In-Man Trial. <i>International Journal of Cardiology</i> , 2018, 255, 22-28.	1.7	54
68	Five-year outcomes after state-of-the-art percutaneous coronary revascularization in patients with <i>de novo</i> three-vessel disease: final results of the SYNTAX II study. <i>European Heart Journal</i> , 2022, 43, 1307-1316.	2.2	54
69	Ticagrelor monotherapy in patients at high bleeding risk undergoing percutaneous coronary intervention: TWILIGHT-HBR. <i>European Heart Journal</i> , 2021, 42, 4624-4634.	2.2	54
70	Fractional Flow Reserve and Coronary Bifurcation Anatomy. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 564-574.	2.9	49
71	Targeting the dominant mechanism of coronary microvascular dysfunction with intracoronary physiology tests. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1041-1059.	1.5	49
72	Spontaneous coronary artery dissection: contemporary aspects of diagnosis and patient management. <i>Open Heart</i> , 2018, 5, e000884.	2.3	49

#	ARTICLE	IF	CITATIONS
73	Provisional vs. two-stent technique for unprotected left main coronary artery disease after ten years follow up: A propensity matched analysis. <i>International Journal of Cardiology</i> , 2016, 211, 37-42.	1.7	48
74	Physiological Pattern of Disease Assessed by Pressure-Wire Pullback Has an Influence on Fractional Flow Reserve/Instantaneous Wave-Free Ratio Discordance. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007494.	3.9	47
75	The EUROpean and Chinese cardiac and renal Remote Ischemic Preconditioning Study (EURO-CRIPS) Tj ETQq1 1 0.784314 rgBT /Over	1.7	46
76	Angiography-Derived Fractional Flow Reserve in the SYNTAX II Trial. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 259-270.	2.9	46
77	Coronary artery aneurysms, insights from the international coronary artery aneurysm registry (CAAR). <i>International Journal of Cardiology</i> , 2020, 299, 49-55.	1.7	46
78	Prognostic Indicators for Recurrent Thrombotic Events in HIV-infected Patients with Acute Coronary Syndromes: Use of Registry Data From 12 sites in Europe, South Africa and the United States. <i>Thrombosis Research</i> , 2014, 134, 558-564.	1.7	44
79	Evaluation of Microvascular Injury in Revascularized Patients With ST-Segment Elevation Myocardial Infarction Treated With Ticagrelor Versus Prasugrel. <i>Circulation</i> , 2019, 139, 636-646.	1.6	40
80	Impact of Kissing Balloon in Patients Treated With Ultrathin Stents for Left Main Lesions and Bifurcations. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e008325.	3.9	39
81	Change in Coronary Blood Flow After Percutaneous Coronary Intervention in Relation to Baseline Lesion Physiology. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e001715.	3.9	38
82	In-vivo evidence of systemic endothelial vascular dysfunction in COVID-19. <i>International Journal of Cardiology</i> , 2021, 345, 153-155.	1.7	38
83	Clinical Events After Deferral of LAD Revascularization Following Physiological Coronary Assessment. <i>Journal of the American College of Cardiology</i> , 2019, 73, 444-453.	2.8	35
84	Combined optical coherence tomography morphologic and fractional flow reserve hemodynamic assessment of non-culprit lesions to better predict adverse event outcomes in diabetes mellitus patients: COMBINE (OCT-FFR) prospective study. Rationale and design. <i>Cardiovascular Diabetology</i> , 2016, 15, 144.	6.8	34
85	Quantitative flow ratio-guided strategy versus angiography-guided strategy for percutaneous coronary intervention: Rationale and design of the FAVOR III China trial. <i>American Heart Journal</i> , 2020, 223, 72-80.	2.7	34
86	Evaluation and Management of Nonculprit Lesions in STEMI. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1145-1154.	2.9	33
87	Coronary microcirculation assessment using functional angiography: Development of a wire-free method applicable to conventional coronary angiograms. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 1027-1037.	1.7	32
88	The functional assessment of patients with non-obstructive coronary artery disease: expert review from an international microcirculation working group. <i>EuroIntervention</i> , 2019, 14, 1694-1702.	3.2	32
89	Effect of Coronary Anatomy and Hydrostatic Pressure on Intracoronary Indices of Stenosis Severity. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 764-773.	2.9	31
90	Revascularization Deferral of Nonculprit Stenoses on the Basis of Fractional Flow Reserve. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1894-1903.	2.9	31

#	ARTICLE	IF	CITATIONS
91	Safety of Revascularization Deferral of Left Main Stenosis Based on Instantaneous Wave-Free Ratio Evaluation. JACC: Cardiovascular Interventions, 2020, 13, 1655-1664.	2.9	30
92	Prognostic Implications of Resistive Reserve Ratio in Patients With Coronary Artery Disease. Journal of the American Heart Association, 2020, 9, e015846.	3.7	29
93	Safety of lone thrombus aspiration without concomitant coronary stenting in selected patients with acute myocardial infarction. EuroIntervention, 2013, 8, 1149-1156.	3.2	29
94	Contribution of Age-Related Microvascular Dysfunction to Abnormal Coronary. JACC: Cardiovascular Interventions, 2020, 13, 20-29.	2.9	28
95	Coronary lithotripsy for the treatment of underexpanded stents: the international and multicentre CRUNCH registry. EuroIntervention, 2022, 18, 574-581.	3.2	28
96	Ticagrelor Monotherapy Versus Dual-Antiplatelet Therapy After PCI. JACC: Cardiovascular Interventions, 2021, 14, 444-456.	2.9	27
97	Coronary aneurysms in the acute patient: Incidence, characterization and long-term management results. Cardiovascular Revascularization Medicine, 2018, 19, 589-596.	0.8	26
98	Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserve-Guided Revascularization Strategy. JACC: Cardiovascular Interventions, 2019, 12, 2035-2046.	2.9	26
99	Impact of postprocedural minimal stent area on 2-year clinical outcomes in the SYNTAX II trial. Catheterization and Cardiovascular Interventions, 2019, 93, E225-E234.	1.7	26
100	Combining Baseline Distal-to-Aortic Pressure Ratio and Fractional Flow Reserve in the Assessment of Coronary Stenosis Severity. JACC: Cardiovascular Interventions, 2015, 8, 1681-1691.	2.9	25
101	Comparison of Major Adverse Cardiac Events Between Instantaneous Wave-Free Ratio and Fractional Flow Reserve-Guided Strategy in Patients With or Without Type 2 Diabetes. JAMA Cardiology, 2019, 4, 857.	6.1	25
102	Secondary revascularization after CABG surgery. Nature Reviews Cardiology, 2012, 9, 540-549.	13.7	24
103	Artificial Intelligence for Aortic Pressure Waveform Analysis During Coronary Angiography. JACC: Cardiovascular Interventions, 2019, 12, 2093-2101.	2.9	24
104	Physiology-guided revascularization versus optimal medical therapy of nonculprit lesions in elderly patients with myocardial infarction: Rationale and design of the FIRE trial. American Heart Journal, 2020, 229, 100-109.	2.7	24
105	Third-Generation Balloon and Self-Expandable Valves for Aortic Stenosis in Large and Extra-Large Aortic Annuli From the TAVR-LARGE Registry. Circulation: Cardiovascular Interventions, 2020, 13, e009047.	3.9	24
106	Comparisons of Nonhyperemic Pressure Ratios. JACC: Cardiovascular Interventions, 2020, 13, 2688-2698.	2.9	24
107	Rationale and design of the SYNTAX II trial evaluating the short to long-term outcomes of state-of-the-art percutaneous coronary revascularisation in patients with de novo three-vessel disease. EuroIntervention, 2016, 12, e224-e234.	3.2	23
108	Safety and efficacy of drug eluting stents in patients with spontaneous coronary artery dissection. International Journal of Cardiology, 2017, 238, 105-109.	1.7	22



#	ARTICLE	IF	CITATIONS
109	Coronary Microcirculation Downstream Nonâ€Infarctâ€Related Arteries in the Subacute Phase of Myocardial Infarction: Implications for Physiologyâ€Guided Revascularization. Journal of the American Heart Association, 2019, 8, e011534.	3.7	22
110	Invasive minimal Microvascular Resistance Is a New Index to Assess Microcirculatory Function Independent of Obstructive Coronary Artery Disease. Journal of the American Heart Association, 2016, 5, .	3.7	21
111	Invasive Coronary Physiology After Stentâ€Implantation. JACC: Cardiovascular Interventions, 2021, 14, 237-246.	2.9	21
112	Long-Term (â‰¥10â€Years) Safety of Percutaneous Treatment of Unprotected Left Main Stenosis With Drug-Eluting Stents. American Journal of Cardiology, 2016, 118, 32-39.	1.6	20
113	Acute and longâ€term outcomes after polytetrafluoroethylene or pericardium covered stenting for grade 3 coronary artery perforations: Insights from G3â€CAP registry. Catheterization and Cardiovascular Interventions, 2018, 92, 1247-1255.	1.7	20
114	Impact of Final Kissing Balloon and of Imaging on Patients Treated on Unprotected Left Main Coronary Artery With Thin-Strut Stents (From the RAIN-CARDIOGROUP VII Study). American Journal of Cardiology, 2019, 123, 1610-1619.	1.6	20
115	Determining the Predominant Lesion in Patients With Severe Aortic Stenosis and Coronary Stenoses. Circulation: Cardiovascular Interventions, 2019, 12, e008263.	3.9	20
116	Risk stratification in 3â€vessel coronary artery disease: Applying the <scp>SYNTAX</scp> Score <scp>II</scp> in the Heart Team Discussion of the <scp>SYNTAX</scp> <scp>II</scp> trial. Catheterization and Cardiovascular Interventions, 2015, 86, E229-38.	1.7	19
117	Safety of intermediate left main stenosis revascularization deferral based on fractional flow reserve and intravascular ultrasound: A systematic review and meta-regression including 908 deferred left main stenosis from 12 studies. International Journal of Cardiology, 2018, 271, 42-48.	1.7	19
118	Algorithmic Versus Expert Human Interpretation of Instantaneous Wave-Free Ratio Coronary Pressure-Wire Pull Back Data. JACC: Cardiovascular Interventions, 2019, 12, 1315-1324.	2.9	19
119	Risk Stratification of Patients With NonObstructive Coronary Artery Disease Using Resistive Reserve Ratio. Journal of the American Heart Association, 2021, 10, e020464.	3.7	19
120	Reproducibility of quantitative flow ratio: the QREP study. EuroIntervention, 2022, 17, 1252-1259.	3.2	19
121	Clinical Relevance of Ischemia with Nonobstructive Coronary Arteries According to Coronary Microvascular Dysfunction. Journal of the American Heart Association, 2022, 11, e025171.	3.7	19
122	Non-hyperaemic coronary pressure measurements to guide coronary interventions. Nature Reviews Cardiology, 2020, 17, 629-640.	13.7	18
123	Ticagrelor monotherapy in patients with chronic kidney disease undergoing percutaneous coronary intervention: TWILIGHT-CKD. European Heart Journal, 2021, 42, 4683-4693.	2.2	18
124	Prevalence and Disease Spectrum of Extracoronary Arterial Abnormalities in Spontaneous Coronary Artery Dissection. JAMA Cardiology, 2022, 7, 159.	6.1	18
125	Intravascular ultrasound guidance of percutaneous coronary intervention in ostial chronic total occlusions: a description of the technique and procedural results. International Journal of Cardiovascular Imaging, 2017, 33, 807-813.	1.5	17
126	Clinical relevance and prognostic implications of contrast quantitative flow ratio in patients with coronary artery disease. International Journal of Cardiology, 2021, 325, 23-29.	1.7	17



#	ARTICLE	IF	CITATIONS
127	Non-invasive assessment of endothelial function in patients with spontaneous coronary artery dissection: A case-control study. <i>International Journal of Cardiology</i> , 2020, 316, 40-42.	1.7	17
128	Safety and effectiveness of coronary intravascular lithotripsy in eccentric calcified coronary lesions: a patient-level pooled analysis from the Disrupt CAD I and CAD II Studies. <i>Clinical Research in Cardiology</i> , 2021, 110, 228-236.	3.3	16
129	Reducing Microvascular Dysfunction in Revascularized Patients with ST-Elevation Myocardial Infarction by Off-Target Properties of Ticagrelor versus Prasugrel. Rationale and Design of the REDUCE-MVI Study. <i>Journal of Cardiovascular Translational Research</i> , 2016, 9, 249-256.	2.4	15
130	Interindividual Variations in the Adenosine-Induced Hemodynamics During Fractional Flow Reserve Evaluation: Implications for the Use of Quantitative Flow Ratio in Assessing Intermediate Coronary Stenoses. <i>Journal of the American Heart Association</i> , 2019, 8, e012906.	3.7	15
131	Impact of structural features of very thin stents implanted in unprotected left main or coronary bifurcations on clinical outcomes. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 1-9.	1.7	15
132	Platelet Inhibition, Endothelial Function, and Clinical Outcome in Patients Presenting With ST-Segment Elevation Myocardial Infarction Randomized to Ticagrelor Versus Prasugrel Maintenance Therapy: Long-Term Follow-Up of the REDUCE-MVI Trial. <i>Journal of the American Heart Association</i> , 2020, 9, e014411.	3.7	15
133	Moving Beyond Coronary Stenosis. <i>Circulation: Cardiovascular Interventions</i> , 2014, 7, 282-284.	3.9	14
134	Identification of capillary rarefaction using intracoronary wave intensity analysis with resultant prognostic implications for cardiac allograft patients. <i>European Heart Journal</i> , 2018, 39, 1807-1814.	2.2	13
135	Daily risk of adverse outcomes in patients undergoing complex lesions revascularization: A subgroup analysis from the RAIN-CARDIOGROUP VII study (very thin stents for patients with left main or T-junction lesions). <i>Journal of the American Heart Association</i> , 2021, 10, e021411.	1.0	13
136	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
137	The year in cardiovascular medicine 2020: interventional cardiology. <i>European Heart Journal</i> , 2021, 42, 985-1003.	2.2	13
138	Invasive versus conservative management in spontaneous coronary artery dissection: A meta-analysis and meta-regression study. <i>Hellenic Journal of Cardiology</i> , 2021, 62, 297-303.	1.0	13
139	Invasive and non-invasive assessment of ischaemia in chronic coronary syndromes: translating pathophysiology to clinical practice. <i>European Heart Journal</i> , 2022, 43, 105-117.	2.2	13
140	Radial Versus Femoral Access for the Treatment of Left Main Lesion in the Era of Second-Generation Drug-Eluting Stents. <i>American Journal of Cardiology</i> , 2017, 120, 33-39.	1.6	12
141	Undilatable Calcific Coronary Stenosis Causing Stent Underexpansion and Late Stent Thrombosis. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 1510-1512.	2.9	12
142	Updating national diagnostic reference levels for interventional cardiology and methodological aspects. <i>Physica Medica</i> , 2020, 70, 169-175.	0.7	12
143	Clinical Profile and 30-Day Mortality of Invasively Managed Patients with Suspected Acute Coronary Syndrome During the COVID-19 Outbreak. <i>International Heart Journal</i> , 2021, 62, 274-281.	1.0	12
144	Impact of Morbid Obesity and Obesity Phenotype on Outcomes After Transcatheter Aortic Valve Replacement. <i>Journal of the American Heart Association</i> , 2021, 10, e019051.	3.7	12

#	ARTICLE	IF	CITATIONS
145	Long-term Patient Prognostication by Coronary Flow Reserve and Index of Microcirculatory Resistance: International Registry of Comprehensive Physiologic Assessment. <i>Korean Circulation Journal</i> , 2020, 50, 890.	1.9	12
146	Thin-Cap Fibroatheroma Rather Than Any Lipid Plaques Increases the Risk of Cardiovascular Events in Diabetic Patients: Insights From the COMBINE OCT-FFR Trial. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, 101161CIRCINTERVENTIONS121011728.	3.9	12
147	Network meta-analysis comparing iFR versus FFR versus coronary angiography to drive coronary revascularization. <i>Journal of Interventional Cardiology</i> , 2018, 31, 725-730.	1.2	11
148	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
149	Quantification of Myocardial Mass Subtended by a Coronary Stenosis Using Intracoronary Physiology. <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007322.	3.9	10
150	Screening of extra-coronary arteriopathy with magnetic resonance angiography in patients with spontaneous coronary artery dissection: a single-centre experience. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, 229-238.	1.7	10
151	Pressure-derived estimations of coronary flow reserve are inferior to flow-derived coronary flow reserve as diagnostic and risk stratification tools. <i>International Journal of Cardiology</i> , 2019, 279, 6-11.	1.7	10
152	Incidence of Adverse Events at 3 Months Versus at 12 Months After Dual Antiplatelet Therapy Cessation in Patients Treated With Thin Stents With Unprotected Left Main or Coronary Bifurcations. <i>American Journal of Cardiology</i> , 2020, 125, 491-499.	1.6	10
153	Sex Differences in Long-Term Outcomes in Patients With Deferred Revascularization Following Fractional Flow Reserve Assessment: International Collaboration Registry of Comprehensive Physiologic Evaluation. <i>Journal of the American Heart Association</i> , 2020, 9, e014458.	3.7	10
154	Choice of CTO scores to predict procedural success in clinical practice. A comparison of 4 different CTO PCI scores in a comprehensive national registry including expert and learning CTO operators. <i>PLoS ONE</i> , 2021, 16, e0245898.	2.5	10
155	Microcirculatory dysfunction in the heart and the brain. <i>Minerva Cardioangiologica</i> , 2019, 67, 318-329.	1.2	10
156	Pre-dilation and Post-dilation in Transcatheter Aortic Valve Replacement: Indications, Benefits and Risks. <i>Interventional Cardiology Review</i> , 2021, 16, e28.	1.6	10
157	Retrograde Chronic Total Occlusion Percutaneous Coronary Interventions. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 834-842.	2.9	10
158	Combined Assessment of FFR and CFR for Decision Making in Coronary Revascularization. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 1047-1056.	2.9	10
159	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
160	Contemporary use of coronary computed tomography angiography in the planning of percutaneous coronary intervention. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 2441-2459.	1.5	9
161	Coronary Circulatory Indexes in Non-Infarct-Related Vascular Territories in a Porcine Acute Myocardial Infarction Model. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1155-1167.	2.9	9
162	Optical coherence tomography and coronary revascularization: from indication to procedural optimization. <i>Trends in Cardiovascular Medicine</i> , 2023, 33, 92-106.	4.9	9

#	ARTICLE	IF	CITATIONS
163	Influence of hydrostatic pressure on intracoronary indices of stenosis severity in vivo. <i>Clinical Research in Cardiology</i> , 2018, 107, 222-232.	3.3	8
164	Safety and Feasibility of Coronary Lithotripsy Supported by Guide Extension Catheter for the Treatment of Calcified Lesion in Angulated Vessel. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 6-8.	0.8	8
165	Coronary Flow Capacity to Identify Stenosis Associated With Coronary Flow Improvement After Revascularization: A Combined Analysis From DEFINE FLOW and IDEAL. <i>Journal of the American Heart Association</i> , 2020, 9, e016130.	3.7	8
166	Dose-reducing fluoroscopic system decreases patient but not occupational radiation exposure in chronic total occlusion intervention. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 895-902.	1.7	8
167	Coronary microcirculation and hypertensive heart failure. <i>European Heart Journal</i> , 2020, 41, 2376-2378.	2.2	8
168	Incidence, Management, Immediate and Long-Term Outcome of Guidewire and Device Related Grade III Coronary Perforations (from G3CAP - Cardiogroup VI Registry). <i>American Journal of Cardiology</i> , 2021, 143, 37-45.	1.6	8
169	Impact of delirium in acute cardiac care unit after transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2021, 330, 164-170.	1.7	8
170	Left main coronary disease at the bifurcation: should the pendulum swing back towards the provisional stenting approach?. <i>European Heart Journal</i> , 2021, 42, 3840-3843.	2.2	8
171	Benefit of Extended Dual Antiplatelet Therapy Duration in Acute Coronary Syndrome Patients Treated with Drug Eluting Stents for Coronary Bifurcation Lesions (from the BIFURCAT Registry). <i>American Journal of Cardiology</i> , 2021, 156, 16-23.	1.6	8
172	Lessons learned from advanced intracoronary imaging in patients with acute myocardial infarction. <i>Journal of Cardiovascular Medicine</i> , 2011, 12, 868-877.	1.5	7
173	Absorb Bioresorbable Scaffold Versus Xience Metallic Stent for Prevention of Restenosis Following Percutaneous Coronary Intervention in Patients at High Risk of Restenosis: Rationale and Design of the COMPARE ABSORB Trial. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 577-582.	0.8	7
174	Revascularization of coronary chronic total occlusions in an infarct-related artery and recurrence of ventricular arrhythmias among patients with secondary prevention implantable cardioverter defibrillator. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E1-E11.	1.7	7
175	Impact of Successful Chronic Coronary Total Occlusion Recanalization on Recurrence of Ventricular Arrhythmias in Implantable Cardioverter-Defibrillator Recipients for Ischemic Cardiomyopathy (VACTO PCI Study). <i>Cardiovascular Revascularization Medicine</i> , 2022, 43, 104-111.	0.8	7
176	Pregnancy and Spontaneous Coronary Artery Dissection: Lessons From Survivors and Nonsurvivors. <i>Circulation</i> , 2022, 146, 69-72.	1.6	7
177	Guidewire-induced coronary pseudostenosis as a source of error during physiological guidance of stent deployment. <i>Catheterization and Cardiovascular Interventions</i> , 2000, 51, 91-94.	1.7	6
178	Diastolic Dysfunction in Diabetic Patients Assessed With Doppler Echocardiography: Relationship With Coronary Atherosclerotic Burden and Microcirculatory Impairment. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2009, 62, 1395-1403.	0.6	6
179	Magnetic Resonance for Noninvasive Detection of Microcirculatory Disease Associated With Allograft Vasculopathy: Intracoronary Measurement Validation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2015, 68, 571-578.	0.6	6
180	Importance of Close Surveillance of Patients With Conservatively Managed Spontaneous Coronary Artery Dissection. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, e87-e89.	2.9	6

#	ARTICLE	IF	CITATIONS
181	Procedural, Functional and Prognostic Outcomes Following Recanalization of Coronary Chronic Total Occlusions. Results of the Iberian Registry. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2019, 72, 373-382.	0.6	6
182	Accuracy of the PARIS score and PCI complexity to predict ischemic events in patients treated with very thin stents in unprotected left main or coronary bifurcations. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E227-E236.	1.7	6
183	Percutaneous mitral valve repair with <scp>MitraClip</scp> device in hemodynamically unstable patients: A systematic review. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E617-E625.	1.7	6
184	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
185	International prospective cohort study of microvascular angina â€“ Rationale and design. <i>IJC Heart and Vasculature</i> , 2020, 31, 100630.	1.1	6
186	Physiology-guided myocardial revascularisation in complex multivessel coronary artery disease: beyond the 2014 ESC/EACTS guidelines on myocardial revascularisation. <i>Open Heart</i> , 2015, 2, e000308.	2.3	5
187	Protective Effect on the coronary microcirculation of patients with Diabetes by Clopidogrel or Ticagrelor (PREDICT): study rationale and design. A randomized multicenter clinical trial using intracoronary multimodal physiology. <i>Cardiovascular Diabetology</i> , 2017, 16, 68.	6.8	5
188	Successful Disruption of Massive Calcified Nodules Using Novel Shockwave Intravascular Lithotripsy. <i>Circulation Journal</i> , 2019, 84, 131.	1.6	5
189	Coexistence of Spontaneous Coronary Artery Dissection and Ascending Aortic Aneurysm. <i>Annals of Thoracic Surgery</i> , 2019, 108, e249-e252.	1.3	5
190	The Pt-Cr everolimus-eluting stent with bioabsorbable polymer in the treatment of patients with acute coronary syndromes. Results from the SYNERGY ACS registry. <i>Cardiovascular Revascularization Medicine</i> , 2019, 20, 705-710.	0.8	5
191	Comparison of bioresorbable vs durable polymer drug-eluting stents in unprotected left main (from) Tj ETQq1 1 0.784314 rgBT /Overlo	1.7	5
192	Inter-observer differences in interpretation of coronary pressure-wire pullback data by non-expert interventional cardiologists. <i>Cardiovascular Intervention and Therapeutics</i> , 2021, 36, 289-297.	2.3	5
193	Per-Vessel Level Analysis of Fractional Flow Reserve and Instantaneous Wave-Free Ratio Discordanceâ€™â€™â€™. Insights From the AJIP Registry â€™. <i>Circulation Journal</i> , 2020, 84, 1034-1038.	1.6	5
194	Performance of the heart team approach in daily clinical practice in highâ€™risk patients with aortic stenosis. <i>Journal of Cardiac Surgery</i> , 2021, 36, 31-39.	0.7	5
195	Determinants of percutaneous coronary intervention success in repeat chronic total occlusion procedures following an initial failed attempt. <i>World Journal of Cardiology</i> , 2017, 9, 355.	1.5	5
196	Ticagrelor monotherapy after PCI in patients with concomitant diabetes mellitus and chronic kidney disease: TWILIGHT DM-CKD. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2022, 8, 707-716.	3.0	5
197	Safety and efficacy of ticagrelor monotherapy according to drug-eluting stent type: the TWILIGHT-STENT study. <i>EuroIntervention</i> , 2022, 17, 1330-1339.	3.2	5
198	Development of atrioventricular and intraventricular conduction disturbances in patients undergoing transcatheter aortic valve replacement with new generation self-expanding valves: A real world multicenter analysis. <i>International Journal of Cardiology</i> , 2022, 362, 128-136.	1.7	5

#	ARTICLE	IF	CITATIONS
199	Gradual Versus Abrupt Reperfusion During Primary Percutaneous Coronary Interventions in ST-segment Elevation Myocardial Infarction (GUARD). <i>Journal of the American Heart Association</i> , 2022, 11, e024172.	3.7	5
200	Invasive evaluation of coronary microvascular dysfunction. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 2474-2486.	2.1	5
201	Clinical outcomes of patients presenting with spontaneous coronary artery dissection versus takotsubo syndrome: a propensity score analysis. <i>European Heart Journal: Acute Cardiovascular Care</i> , 2020, 9, 694-702.	1.0	4
202	Cardiac Computed Tomography Angiography Follow-Up of Resorbable Magnesium Scaffolds. <i>Cardiovascular Revascularization Medicine</i> , 2021, 29, 18-21.	0.8	4
203	Quantitative flow ratio as a new tool for angiography-based physiological evaluation of coronary artery disease: a review. <i>Future Cardiology</i> , 2021, 17, 1435-1452.	1.2	4
204	Correlation of Intravascular Ultrasound and Instantaneous Wave-Free Ratio in Patients With Intermediate Left Main Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e009830.	3.9	4
205	A prospective multicenter validation study for a novel angiography-derived physiological assessment software: Rationale and design of the radiographic imaging validation and evaluation for Angio-iFR (ReVEAL iFR) study. <i>American Heart Journal</i> , 2021, 239, 19-26.	2.7	4
206	Endothelial Dysfunction and Epicardial Coronary Spasm in a Woman With Previous Spontaneous Coronary Artery Dissection. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, e219-e220.	2.9	4
207	Impact of Left Ventricular Ejection Fraction on Procedural and Long-Term Outcomes of Bifurcation Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2022, 172, 18-25.	1.6	4
208	Transcatheter versus surgical aortic valve replacement in patients with morbid obesity: a multicentre propensity score-matched analysis. <i>EuroIntervention</i> , 2022, 18, e417-e427.	3.2	4
209	Misleading takotsubo-like syndrome unravelled by intracoronary imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1187.	1.2	3
210	Screening of systemic arteriopathy in patients with spontaneous coronary artery dissection. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 357-357.	1.2	3
211	Internal mammary artery graft failure: Clinical features, management, and long-term outcomes. <i>Indian Heart Journal</i> , 2018, 70, S329-S337.	0.5	3
212	Comparison of quantitative flow ratio value of left anterior descending and circumflex coronary artery in patients with Takotsubo syndrome. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 3-8.	1.5	3
213	Safety and efficacy of polymer-free biolimus-eluting stents versus ultrathin stents in unprotected left main or coronary bifurcation: A propensity score analysis from the RAIN and CHANCE registries. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 522-529.	1.7	3
214	Influence of neoatherosclerosis on prognosis and treatment response in patients with in-stent restenosis. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2021, 74, 427-435.	0.6	3
215	Short- and long-term functional results following drug-coated balloons versus drug-eluting stents in small coronary vessels: The RESTORE quantitative flow ratio study. <i>International Journal of Cardiology</i> , 2021, 327, 45-51.	1.7	3
216	Non-randomized comparison between revascularization and deferral for intermediate coronary stenosis with abnormal fractional flow reserve and preserved coronary flow reserve. <i>Scientific Reports</i> , 2021, 11, 9126.	3.3	3

#	ARTICLE	IF	CITATIONS
217	Polymer-Free Biolimus-Eluting Stents or Polymer-Based Zotarolimus-Eluting Stents for Coronary Bifurcation Lesions. <i>Cardiovascular Revascularization Medicine</i> , 2022, 35, 66-73.	0.8	3
218	The year in cardiovascular medicine 2021: interventional cardiology. <i>European Heart Journal</i> , 2022, 43, 377-386.	2.2	3
219	Prognostic implications of impaired longitudinal left ventricular systolic function assessed by tissue Doppler imaging prior to transcatheter aortic valve implantation for severe aortic stenosis. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1317-1328.	1.5	3
220	Association between patient age, microcirculation, and coronary stenosis assessment with fractional flow reserve and instantaneous wave-free ratio. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1104-1114.	1.7	3
221	Improved prediction of electrical storm in patients with prior myocardial infarction and implantable cardioverter defibrillator. <i>International Journal of Cardiology</i> , 2022, 355, 9-14.	1.7	3
222	Differential Prognostic Value of Revascularization for Coronary Stenosis With Intermediate FFR by Coronary Flow Reserve. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 1033-1043.	2.9	3
223	Grade 3 coronary artery perforations in chronic total occlusion percutaneous coronary intervention: Mechanisms, locations, and outcomes from the G3CAP Registry. <i>Catheterization and Cardiovascular Interventions</i> , 0, , .	1.7	3
224	Letter by Echavarra-Pinto and Escaned Regarding Article, "Thermolimitation-Derived Coronary Blood Flow Pattern Immediately After Coronary Intervention as a Predictor of Microcirculatory Damage and Midterm Clinical Outcomes in Patients With ST-Segment Elevation Myocardial Infarction": Circulation: <i>Cardiovascular Interventions</i> , 2014, 7, 417-417.	3.9	2
225	Can FFRCT replace old indices of coronary stenosis severity?. <i>Nature Reviews Cardiology</i> , 2014, 11, 252-254.	13.7	2
226	An International Survey on Taking Up a Career in Cardiovascular Research: Opportunities and Biases toward Would-Be Physician-Scientists. <i>PLoS ONE</i> , 2015, 10, e0131900.	2.5	2
227	Repetitive vasospasm as a cause of plaque rupture and myocardial infarction. <i>European Heart Journal</i> , 2016, 37, 3619-3619.	2.2	2
228	Temporal changes in the current practice of primary angioplasty: a real life experience of a single high-volume center. <i>Cardiovascular Revascularization Medicine</i> , 2016, 17, 5-9.	0.8	2
229	Percutaneous Treatment of Chronic Total Coronary Occlusions. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 2155-2157.	2.9	2
230	Minimalist immediate mechanical intervention in acute ST-segment elevation myocardial infarction: is it time to redefine targets?. <i>Cardiovascular Diagnosis and Therapy</i> , 2017, 7, 4-10.	1.7	2
231	Radial and femoral access for interventional fellows performing diagnostic coronary angiographies. <i>Journal of Cardiovascular Medicine</i> , 2018, 19, 650-654.	1.5	2
232	Coronary Flow Reserve in the Instantaneous Wave-Free Ratio/Fractional Flow Reserve Era. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1434-1436.	2.9	2
233	Role of Invasive and Non-invasive Imaging Tools in the Diagnosis and Optimal Treatment of Patients with Spontaneous Coronary Artery Dissection. <i>Current Cardiology Reports</i> , 2019, 21, 122.	2.9	2
234	Intracoronary Lithotripsy in Percutaneous Treatment of Calcific Left Main Coronary Stenoses. <i>JACC: Case Reports</i> , 2019, 1, 46-49.	0.6	2



#	ARTICLE	IF	CITATIONS
235	Diastolic-systolic velocity ratio to detect coronary stenoses under physiological resting conditions: a mechanistic study. <i>Open Heart</i> , 2019, 6, e000968.	2.3	2
236	Angiographic characteristics and long-term prognostic impact of coronary artery disease in survivors after sudden cardiac arrest with a non-diagnostic electrocardiogram. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 9-15.	1.7	2
237	Short-term clinical outcomes of percutaneous coronary intervention of unprotected left main coronary disease in cardiogenic shock. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 95, 515-521.	1.7	2
238	Reply. <i>Annals of Thoracic Surgery</i> , 2020, 109, 1308.	1.3	2
239	Anatomical and functional healing after resorbable magnesium scaffold implantation in human coronary vessels: A combined optical coherence tomography and quantitative flow ratio analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, 1038-1046.	1.7	2
240	Prognostic implications of coronary physiological indices in patients with diabetes mellitus. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 682-690.	0.6	2
241	Defining heterogeneity of epicardial functional stenosis with low coronary flow reserve by unsupervised machine learning. <i>Heart and Vessels</i> , 2020, 35, 1527-1536.	1.2	2
242	Safety of coronary revascularization deferral based on fractional flow reserve and instantaneous wave-free ratio in patients with chronic kidney disease. <i>Cardiology Journal</i> , 2022, 29, 553-562.	1.2	2
243	Stent strut thickness and acute vessel injury during percutaneous coronary interventions. <i>Coronary Artery Disease</i> , 2020, Publish Ahead of Print, 382-390.	0.7	2
244	Respiration-related variations in Pd/Pa ratio and fractional flow reserve in resting conditions and during intravenous adenosine administration. <i>Catheterization and Cardiovascular Interventions</i> , 2021, , .	1.7	2
245	Characterization of quantitative flow ratio and fractional flow reserve discordance using doppler flow and clinical follow-up. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 1181-1190.	1.5	2
246	Incidence, clinical impact and predictors of thrombocytopenia after transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , 2022, , .	1.7	2
247	Strategies for Renal Protection in Cardiovascular Interventions. <i>Korean Circulation Journal</i> , 2022, 52, 485.	1.9	2
248	Initial Results From a National Follow-up Program to Monitor Radiation Doses for Patients in Interventional Cardiology. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2014, 67, 63-65.	0.6	1
249	Influence of coronary microcirculatory dysfunction on FFR calculation based on computational fluid dynamics. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 1066-1066.	1.2	1
250	Bifurcation Culprit Lesions in ST-segment Elevation Myocardial Infarction: Procedural Success and 5-year Outcome Compared With Nonbifurcation Lesions. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018, 71, 801-810.	0.6	1
251	The Value of the SYNTAX Score II in Predicting Clinical Outcomes in Patients Undergoing Transcatheter Aortic Valve Implantation. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2018, 71, 628-637.	0.6	1
252	Acute Coronary Syndrome Caused by Intra-plaque Hemorrhage. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2019, 72, 776.	0.6	1

#	ARTICLE	IF	CITATIONS
253	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
254	Self-expandable sirolimus-eluting stents compared to second-generation drug-eluting stents for the treatment of the left main: A propensity score analysis from the SPARTA and the FAILSAFE registries. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 93, 208-215.	1.7	1
255	Two years clinical outcomes with the state-of-the-art PCI for the treatment of bifurcation lesions: A subanalysis of the SYNTAX II study. <i>Catheterization and Cardiovascular Interventions</i> , 2020, 96, 10-17.	1.7	1
256	Resting distal to aortic pressure ratio and fractional flow reserve discordance affects the diagnostic performance of quantitative flow ratio: Results from an individual patient data meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 825-832.	1.7	1
257	Long-term outcomes after deferral of revascularization of in-stent restenosis using fractional flow reserve. <i>Catheterization and Cardiovascular Interventions</i> , 2021, , .	1.7	1
258	Predictors of fractional flow reserve/instantaneous wave-free ratio discordance. <i>Journal of Cardiovascular Medicine</i> , 2021, Publish Ahead of Print, 106-115.	1.5	1
259	Angiography-derived physiology guidance vs usual care in an All-comers PCI population treated with the healing-targeted supreme stent and Ticagrelor monotherapy: PIONEER IV trial design. <i>American Heart Journal</i> , 2022, 246, 32-43.	2.7	1
260	Secondary coronary revascularisation: an emerging issue. <i>EuroIntervention</i> , 2009, 5 Suppl D, D6-D13.	3.2	1
261	Phasic flow patterns of right versus left coronary arteries in patients undergoing clinical physiological assessment. <i>EuroIntervention</i> , 2022, 17, 1260-1270.	3.2	1
262	The year in cardiovascular medicine 2021: interventional cardiology. <i>Cardiologia Croatica</i> , 2022, 17, 59-72.	0.0	1
263	Differential Impact of Coronary Revascularization on Long-Term Clinical Outcome According to Coronary Flow Characteristics: Analysis of the International ILIAS Registry. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, .	3.9	1
264	Evaluation of Microvascular Disease and Clinical Outcomes. <i>Interventional Cardiology Clinics</i> , 2015, 4, 443-457.	0.4	0
265	Comprehensive assessment of multivessel disease with physiological vessel mapping and IVUS-angiography co-registration. <i>European Heart Journal - Case Reports</i> , 2018, 2, yty009.	0.6	0
266	Combined intracoronary 2D-3D optical coherence tomography and intravascular ultrasound imaging in left main severe stent malapposition. <i>Cardiovascular Intervention and Therapeutics</i> , 2018, 33, 288-290.	2.3	0
267	Spontaneous coronary artery dissection and aortic dilatation presenting concomitantly: a case report. <i>European Heart Journal - Case Reports</i> , 2018, 2, yty022.	0.6	0
268	Prognostic Impact of Revascularization of Chronic Total Coronary Occlusion. Indispensable Prerequisite or a Case of Cognitive Dissonance?. <i>Revista Espanola De Cardiologia (English Ed )</i> , 2019, 72, 707-708.	0.6	0
269	Letter by Macaya et al Regarding Article, "Early Natural History of Spontaneous Coronary Artery Dissection". <i>Circulation: Cardiovascular Interventions</i> , 2019, 12, e007611.	3.9	0
270	Percutaneous coronary intervention of unprotected left main and bifurcation in octogenarians: Subanalysis from RAIN (very thin stents for patients with left main or bifurcation in real life). <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 755-763.	1.7	0

#	ARTICLE	IF	CITATIONS
271	Coronary flow reserve and coronary flow capacity at a time of shifting paradigms of ischaemic heart disease. <i>EuroIntervention</i> , 2021, 16, e1463-e1465.	3.2	0
272	From plumbers to vascular restorers: has the Promethean promise of bioresorbable coronary scaffolds yet to be fulfilled?. <i>EuroIntervention</i> , 2020, 16, e106-e108.	3.2	0
273	Design and rationale for a real-world prospective, multicenter registry of myocardial revascularization failure and secondary revascularization: The REVASEC study. <i>Cardiovascular Revascularization Medicine</i> , 2021, , .	0.8	0
274	Letter by Cerrato and Escaned Regarding Article, "Compared Outcomes of ST-Segment Elevation Myocardial Infarction Patients With Multivessel Disease Treated With Primary Percutaneous Coronary Intervention and Preserved Fractional Flow Reserve of Nonculprit Lesions Treated Conservatively and of Those With Low Fractional Flow Reserve Managed Invasively: Insights From the FLOWER-MI Trial". <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, e011497.	3.9	0
275	Secondary coronary revascularisation. A comprehensive approach to coronary revascularisation in patients with previous surgical or percutaneous interventions. Foreword. <i>EuroIntervention</i> , 2009, 5 Suppl D, D5.	3.2	0
276	580 Percutaneous coronary intervention or medical therapy as initial management strategy of patients with spontaneous coronary artery dissections: insight from the multicentre, international dissezioni spontanee coronariche (disco) registry. <i>European Heart Journal Supplements</i> , 2021, 23, .	0.1	0