

Javier Escaned

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

244
papers

10,326
citations

49
h-index

99
g-index

279
ext. papers

14,865
ext. citations

5.5
avg, IF

5.6
L-index

#	Paper	IF	Citations
244	2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. <i>European Heart Journal</i> , 2020 , 41, 407-477	9.5	1835
243	Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI. <i>New England Journal of Medicine</i> , 2017 , 376, 1824-1834	59.2	462
242	Development and validation of a new adenosine-independent index of stenosis severity from coronary wave-intensity analysis: results of the ADVISE (ADenosine Vasodilator Independent Stenosis Evaluation) study. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1392-402	15.1	453
241	Platelet function profiles in patients with type 2 diabetes and coronary artery disease on combined aspirin and clopidogrel treatment. <i>Diabetes</i> , 2005 , 54, 2430-5	0.9	423
240	Ticagrelor with or without Aspirin in High-Risk Patients after PCI. <i>New England Journal of Medicine</i> , 2019 , 381, 2032-2042	59.2	395
239	Diagnosis of spontaneous coronary artery dissection by optical coherence tomography. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1073-9	15.1	257
238	Deferral vs. performance of percutaneous coronary intervention of functionally non-significant coronary stenosis: 15-year follow-up of the DEFER trial. <i>European Heart Journal</i> , 2015 , 36, 3182-8	9.5	251
237	Multicenter core laboratory comparison of the instantaneous wave-free ratio and resting Pd/Pa with fractional flow reserve: the RESOLVE study. <i>Journal of the American College of Cardiology</i> , 2014 , 63, 1253-1261	15.1	229
236	A randomized multicentre trial to compare revascularization with optimal medical therapy for the treatment of chronic total coronary occlusions. <i>European Heart Journal</i> , 2018 , 39, 2484-2493	9.5	225
235	Safety and performance of the second-generation drug-eluting absorbable metal scaffold in patients with de-novo coronary artery lesions (BIOSOLVE-II): 6 month results of a prospective, multicentre, non-randomised, first-in-man trial. <i>Lancet, The</i> , 2016 , 387, 31-9	40	224
234	Clinical use of intracoronary imaging. Part 1: guidance and optimization of coronary interventions. An expert consensus document of the European Association of Percutaneous Cardiovascular Interventions. <i>European Heart Journal</i> , 2018 , 39, 3281-3300	9.5	212
233	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. <i>Lancet, The</i> , 2019 , 394, 1325-1334	40	206
232	Diagnostic classification of the instantaneous wave-free ratio is equivalent to fractional flow reserve and is not improved with adenosine administration. Results of CLARIFY (Classification Accuracy of Pressure-Only Ratios Against Indices Using Flow Study). <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1409-20	15.1	175
231	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. <i>European Heart Journal</i> , 2017 , 38, 3124-3134	9.5	165
230	Retrograde Recanalization of Chronic Total Occlusions in Europe: Procedural, In-Hospital, and Long-Term Outcomes From the Multicenter ERCTO Registry. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2388-400	15.1	160
229	Morphometric assessment of coronary stenosis relevance with optical coherence tomography: a comparison with fractional flow reserve and intravascular ultrasound. <i>Journal of the American College of Cardiology</i> , 2012 , 59, 1080-9	15.1	160
228	Prospective Assessment of the Diagnostic Accuracy of Instantaneous Wave-Free Ratio to Assess Coronary Stenosis Relevance: Results of ADVISE II International, Multicenter Study (ADenosine Vasodilator Independent Stenosis Evaluation II). <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 824-833	5	132

227	Diagnostic Performance of In-Procedure Angiography-Derived Quantitative Flow Reserve Compared to Pressure-Derived Fractional Flow Reserve: The FAVOR II Europe-Japan Study. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	128
226	Long-term benefit of early pre-reperfusion metoprolol administration in patients with acute myocardial infarction: results from the METOCARD-CNIC trial (Effect of Metoprolol in Cardioprotection During an Acute Myocardial Infarction). <i>Journal of the American College of Cardiology</i> , 2014 , 63, 2351-12	15.1	125
225	Baseline instantaneous wave-free ratio as a pressure-only estimation of underlying coronary flow reserve: results of the JUSTIFY-CFR Study (Joined Coronary Pressure and Flow Analysis to Determine Diagnostic Characteristics of Basal and Hyperemic Indices of Functional Lesion Severity). <i>Circulation: Cardiovascular Interventions</i> , 2014 , 7, 482-502	6	124
224	Optimal medical therapy improves clinical outcomes in patients undergoing revascularization with percutaneous coronary intervention or coronary artery bypass grafting: insights from the Synergy Between Percutaneous Coronary Intervention with TAXUS and Cardiac Surgery (SYNTAX) trial at 10-year follow-up. <i>Circulation</i> , 2017 , 135, 1212-27	16.7	122
223	Sustained safety and performance of the second-generation drug-eluting absorbable metal scaffold in patients with de novo coronary lesions: 12-month clinical results and angiographic findings of the BIOSOLVE-II first-in-man trial. <i>European Heart Journal</i> , 2016 , 37, 2701-9	9.5	122
222	Safety and Effectiveness of Coronary Intravascular Lithotripsy for Treatment of Severely Calcified Coronary Stenoses: The Disrupt CAD II Study. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e008434 ⁶	6	120
221	Guiding Principles for Chronic Total Occlusion Percutaneous Coronary Intervention. <i>Circulation</i> , 2019 , 140, 420-433	16.7	120
220	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, 3134-46	9.5	119
219	Fractional flow reserve as a surrogate for inducible myocardial ischaemia. <i>Nature Reviews Cardiology</i> , 2013 , 10, 439-52	14.8	111
218	Disturbed coronary hemodynamics in vessels with intermediate stenoses evaluated with fractional flow reserve: a combined analysis of epicardial and microcirculatory involvement in ischemic heart disease. <i>Circulation</i> , 2013 , 128, 2557-66	16.7	110
217	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, 226-33	15.1	110
216	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. <i>European Heart Journal</i> , 2020 , 41, 2521-2529	9.5	106
215	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	15.1	95
214	Intramyocardial haemorrhage after acute myocardial infarction. <i>Nature Reviews Cardiology</i> , 2015 , 12, 156-67	14.8	88
213	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> , 2016 , 37, 2069-80	9.5	81
212	Incidence, Causes, and Predictors of Early (80 Days) and Late Unplanned Hospital Readmissions After Transcatheter Aortic Valve Replacement. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1748-57	5	79
211	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, 1386-96	5	78
210	Incidence, Management, and Immediate- and Long-Term Outcomes After Iatrogenic Aortic Dissection During Diagnostic or Interventional Coronary Procedures. <i>Circulation</i> , 2015 , 131, 2114-9	16.7	69

209	Diagnostic performance of angiography-derived fractional flow reserve: a systematic review and Bayesian meta-analysis. <i>European Heart Journal</i> , 2018 , 39, 3314-3321	9.5	68
208	Assessment of microcirculatory remodeling with intracoronary flow velocity and pressure measurements: validation with endomyocardial sampling in cardiac allografts. <i>Circulation</i> , 2009 , 120, 1561-8	16.7	68
207	Fractional Flow Reserve/Instantaneous Wave-Free Ratio Discordance in Angiographically Intermediate Coronary Stenoses: An Analysis Using Doppler-Derived Coronary Flow Measurements. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2514-2524	5	66
206	Real-time use of instantaneous wave-free ratio: results of the ADVISE in-practice: an international, multicenter evaluation of instantaneous wave-free ratio in clinical practice. <i>American Heart Journal</i> , 2014 , 168, 739-48	4.9	60
205	Influence of Microcirculatory Dysfunction on Angiography-Based Functional Assessment of Coronary Stenoses. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 741-753	5	59
204	Integrated physiologic assessment of ischemic heart disease in real-world practice using index of microcirculatory resistance and fractional flow reserve: insights from the International Index of Microcirculatory Resistance Registry. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8, e002857	6	59
203	Diagnostic and Prognostic Implications of Coronary Flow Capacity: A Comprehensive Cross-Modality Physiological Concept in Ischemic Heart Disease. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1670-80	5	59
202	Ticagrelor With or Without Aspirin After Complex PCI. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 2414-2424	15.1	58
201	Temporal Trends in Chronic Total Occlusion Interventions in Europe. <i>Circulation: Cardiovascular Interventions</i> , 2018 , 11, e006229	6	57
200	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	5	56
199	Cardiovascular disease in HIV patients: from bench to bedside and backwards. <i>Open Heart</i> , 2015 , 2, e000374	3.74	56
198	Pre-Angioplasty Instantaneous Wave-Free Ratio Pullback Predicts Hemodynamic Outcome In Humans With Coronary Artery Disease: Primary Results of the International Multicenter iFR GRADIENT Registry. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 757-767	5	54
197	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, 914-25	3.1	52
196	Selected CD133+ progenitor cells to promote angiogenesis in patients with refractory angina: final results of the PROGENITOR randomized trial. <i>Circulation Research</i> , 2014 , 115, 950-60	15.7	51
195	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	6	42
194	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	3.2	41
193	Spontaneous Coronary Artery Dissection: Pathophysiological Insights From Optical Coherence Tomography. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2475-2488	8.4	40
192	Diagnostic performance of quantitative flow ratio in prospectively enrolled patients: An individual patient-data meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 94, 693-701	2.7	37

191	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	9.5	37
190	In vivo serial invasive imaging of the second-generation drug-eluting absorbable metal scaffold (Magmaris - DREAMS 2G) in de novo coronary lesions: Insights from the BIOSOLVE-II First-In-Man Trial. <i>International Journal of Cardiology</i> , 2018 , 255, 22-28	3.2	36
189	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, 558-64	8.2	36
188	Pathophysiology and diagnosis of coronary microvascular dysfunction in ST-elevation myocardial infarction. <i>Cardiovascular Research</i> , 2020 , 116, 787-805	9.9	36
187	The EUROpean and Chinese cardiac and renal Remote Ischemic Preconditioning Study (EURO-CRIPS CardioGroup I): A randomized controlled trial. <i>International Journal of Cardiology</i> , 2018 , 257, 1-6	3.2	35
186	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 ^{15.1}	15.1	34
185	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	9.5	33
184	Intravascular Lithotripsy in Calcified Coronary Lesions: A Prospective, Observational, Multicenter Registry. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e008154	6	31
183	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, 736-744	16.2	29
182	Change in coronary blood flow after percutaneous coronary intervention in relation to baseline lesion physiology: results of the JUSTIFY-PCI study. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8, e001715	6	27
181	Spontaneous coronary artery dissection: contemporary aspects of diagnosis and patient management. <i>Open Heart</i> , 2018 , 5, e000884	3	26
180	Targeting the dominant mechanism of coronary microvascular dysfunction with intracoronary physiology tests. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 1041-1059	2.5	24
179	Fractional flow reserve and coronary bifurcation anatomy: a novel quantitative model to assess and report the stenosis severity of bifurcation lesions. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 564-74	5	24
178	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> , 2018 , 15, 144	8.7	24
177	Clinical Implication of Quantitative Flow Ratio After Percutaneous Coronary Intervention for 3-Vessel Disease. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2064-2075	5	23
176	Safety of lone thrombus aspiration without concomitant coronary stenting in selected patients with acute myocardial infarction. <i>EuroIntervention</i> , 2013 , 8, 1149-56	3.1	23
175	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	6	22
174	Global Chronic Total Occlusion Crossing Algorithm: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 840-853	15.1	21

173	Clinical Events After Deferral of LAD Revascularization Following Physiological Coronary Assessment. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 444-453	15.1	20
172	Combining Baseline Distal-to-Aortic Pressure Ratio and Fractional Flow Reserve in the Assessment of Coronary Stenosis Severity. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 1681-91	5	20
171	Coronary artery aneurysms, insights from the international coronary artery aneurysm registry (CAAR). <i>International Journal of Cardiology</i> , 2020 , 299, 49-55	3.2	20
170	Angiography-Derived Fractional Flow Reserve in the SYNTAX II Trial: Feasibility, Diagnostic Performance of Quantitative Flow Ratio, and Clinical Prognostic Value of Functional SYNTAX Score Derived From Quantitative Flow Ratio in Patients With 3-Vessel Disease. <i>JACC: Cardiovascular</i>	5	19
169	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. <i>EuroIntervention</i> , 2016 , 12, e224-34	3.1	19
168	The Impact of Coronary Physiology on Contemporary Clinical Decision Making. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1617-1638	5	19
167	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	4.9	18
166	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	9.5	18
165	Secondary revascularization after CABG surgery. <i>Nature Reviews Cardiology</i> , 2012 , 9, 540-9	14.8	17
164	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	3.1	17
163	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	9.5	17
162	Risk stratification in 3-vessel coronary artery disease: Applying the SYNTAX Score II in the Heart Team Discussion of the SYNTAX II trial. <i>Catheterization and Cardiovascular Interventions</i> , 2015 , 86, E229-38	3.7	16
161	Angiographic quantitative flow ratio-guided coronary intervention (FAVOR III China): a multicentre, randomised, sham-controlled trial. <i>Lancet, The</i> , 2021 ,	4.0	16
160	Long-Term (10 Years) Safety of Percutaneous Treatment of Unprotected Left Main Stenosis With Drug-Eluting Stents. <i>American Journal of Cardiology</i> , 2016 , 118, 32-9	3	16
159	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	16.7	16
158	Effect of Coronary Anatomy and Hydrostatic Pressure on Intracoronary Indices of Stenosis Severity. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 764-773	5	15
157	Safety and efficacy of drug eluting stents in patients with spontaneous coronary artery dissection. <i>International Journal of Cardiology</i> , 2017 , 238, 105-109	3.2	15
156	Invasive minimal Microvascular Resistance Is a New Index to Assess Microcirculatory Function Independent of Obstructive Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2016 , 5,	6	15

155	Artificial Intelligence for Aortic Pressure Waveform Analysis During Coronary Angiography: Machine Learning for Patient Safety. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2093-2101	5	13
154	Algorithmic Versus Expert Human Interpretation of Instantaneous Wave-Free Ratio Coronary Pressure-Wire Pull Back Data. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1315-1324	5	13
153	Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserve-Guided Revascularization Strategy. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2035-2046	5	13
152	Contribution of Age-Related Microvascular Dysfunction to Abnormal Coronary Hemodynamics in Patients With Ischemic Heart Disease. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 20-29	5	13
151	Revascularization Deferral of Nonculprit Stenoses on the Basis of Fractional Flow Reserve: 1-Year Outcomes of 8,579 Patients. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1894-1903	5	13
150	Intravascular ultrasound guidance of percutaneous coronary intervention in ostial chronic total occlusions: a description of the technique and procedural results. <i>International Journal of Cardiovascular Imaging</i> , 2017 , 33, 807-813	2.5	12
149	Impact of Kissing Balloon in Patients Treated With Ultrathin Stents for Left Main Lesions and Bifurcations: An Analysis From the RAIN-CARDIOGROUP VII Study. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e008325	6	12
148	Prognostic Implications of Resistive Reserve Ratio in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2020 , 9, e015846	6	12
147	Coronary aneurysms in the acute patient: Incidence, characterization and long-term management results. <i>Cardiovascular Revascularization Medicine</i> , 2018 , 19, 589-596	1.6	12
146	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	6	12
145	Evaluation and Management of Nonculprit Lesions in STEMI. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1145-1154	5	12
144	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	3.3	12
143	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). <i>American Journal of Cardiology</i> , 2019 , 123, 1610-1619	3	12
142	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, 211-221	4.1	12
141	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: A Secondary Analysis of a Randomized Clinical Trial. <i>JAMA Cardiology</i> , 2019 , 4, 857-864	16.2	11
140	Five-year outcomes after state-of-the-art percutaneous coronary revascularization in patients with de novo three-vessel disease: final results of the SYNTAX II study. <i>European Heart Journal</i> , 2021 ,	9.5	11
139	Impact of post-procedural minimal stent area on 2-year clinical outcomes in the SYNTAX II trial. <i>Catheterization and Cardiovascular Interventions</i> , 2019 , 93, E225-E234	2.7	10
138	Undilatable Calcific Coronary Stenosis Causing Stent Underexpansion and Late Stent Thrombosis: A Complex Scenario Successfully Managed With Intravascular Lithotripsy. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 1510-1512	5	10

137	Coronary Microcirculation Downstream Non-Infarct-Related Arteries in the Subacute Phase of Myocardial Infarction: Implications for Physiology-Guided Revascularization. <i>Journal of the American Heart Association</i> , 2019 , 8, e011534	6	10
136	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	9.5	10
135	Safety of Revascularization Deferral of Left Main Stenosis Based on Instantaneous Wave-Free Ratio Evaluation. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1655-1664	5	10
134	Physiology-guided revascularization versus optimal medical therapy of nonculprit lesions in elderly patients with myocardial infarction: Rationale and design of the FIRE trial. <i>American Heart Journal</i> , 2020 , 229, 100-109	4.9	10
133	Determining the Predominant Lesion in Patients With Severe Aortic Stenosis and Coronary Stenoses: A Multicenter Study Using Intracoronary Pressure and Flow. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e008263	6	10
132	Acute and long-term outcomes after polytetrafluoroethylene or pericardium covered stenting for grade 3 coronary artery perforations: Insights from G3-CAP registry. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 92, 1247-1255	2.7	10
131	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	3	9
130	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	1.6	9
129	Non-hyperaemic coronary pressure measurements to guide coronary interventions. <i>Nature Reviews Cardiology</i> , 2020 , 17, 629-640	14.8	8
128	Quantification of Myocardial Mass Subtended by a Coronary Stenosis Using Intracoronary Physiology. <i>Circulation: Cardiovascular Interventions</i> , 2019 , 12, e007322	6	8
127	In-vivo evidence of systemic endothelial vascular dysfunction in COVID-19. <i>International Journal of Cardiology</i> , 2021 , 345, 153-155	3.2	8
126	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	9.5	8
125	Optical coherence tomography in coronary atherosclerosis assessment and intervention.. <i>Nature Reviews Cardiology</i> , 2022 ,	14.8	8
124	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 bifurcationN in real life). <i>International Journal of Cardiology</i> , 2019 , 290, 64-69	3.2	7
123	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	6	7
122	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	2.6	7
121	Lessons learned from advanced intracoronary imaging in patients with acute myocardial infarction. <i>Journal of Cardiovascular Medicine</i> , 2011 , 12, 868-77	1.9	7
120	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	1.8	7

119	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	1.6	6
118	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	1.6	6
117	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, 571-8	0.7	6
116	Comparisons of Nonhyperemic Pressure Ratios: Predicting Functional Results of Coronary Revascularization Using Longitudinal Vessel Interrogation. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2688-2698	5	6
115	Updating national diagnostic reference levels for interventional cardiology and methodological aspects. <i>Physica Medica</i> , 2020 , 70, 169-175	2.7	6
114	Guidewire-induced coronary pseudostenosis as a source of error during physiological guidance of stent deployment. <i>Catheterization and Cardiovascular Interventions</i> , 2000 , 51, 91-4	2.7	6
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40	Secondary coronary revascularisation: an emerging issue. <i>EuroIntervention</i> , 2009 , 5 Suppl D, D6-D13	3.1	1
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38	Clinical Relevance of Ischemia with Nonobstructive Coronary Arteries According to Coronary Microvascular Dysfunction.. <i>Journal of the American Heart Association</i> , 2022 , e025171	6	1
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16	Combined Assessment of FFR and CFR for Decision Making in Coronary Revascularization: From the Multicenter International ILIAS Registry.. <i>JACC: Cardiovascular Interventions</i> , 2022 , 15, 1047-1056	5	○
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