

# Javier Escaned

## List of Publications by Year in Descending Order

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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	Characterization of quantitative flow ratio and fractional flow reserve discordance using doppler flow and clinical follow-up.. <i>International Journal of Cardiovascular Imaging</i> , <b>2022</b> , 1	2.5	
243	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> , <b>2022</b> , 15, e011497	6	
242	The year in cardiovascular medicine: interventional cardiology.. <i>European Heart Journal</i> , <b>2022</b> ,	9.5	1
241	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> , <b>2022</b> , 1	2.5	0
240	Predictors of fractional flow reserve/instantaneous wave-free ratio discordance: impact of tailored diagnostic cut-offs on clinical outcomes of deferred lesions.. <i>Journal of Cardiovascular Medicine</i> , <b>2022</b> , 23, 106-115	1.9	
239	Retrograde Chronic Total Occlusion Percutaneous Coronary Interventions: Predictors of Procedural Success From the ERCTO Registry.. <i>JACC: Cardiovascular Interventions</i> , <b>2022</b> , 15, 834-842	5	0
238	The year in cardiovascular medicine 2021: interventional cardiology. <i>Cardiologia Croatica</i> , <b>2022</b> , 17, 59-72		1
237	Optical coherence tomography in coronary atherosclerosis assessment and intervention.. <i>Nature Reviews Cardiology</i> , <b>2022</b> ,	14.8	8
236	Differential Prognostic Value of Revascularization for Coronary Stenosis With Intermediate FFR by Coronary Flow Reserve.. <i>JACC: Cardiovascular Interventions</i> , <b>2022</b> , 15, 1033-1043	5	0
235	Clinical Relevance of Ischemia with Nonobstructive Coronary Arteries According to Coronary Microvascular Dysfunction.. <i>Journal of the American Heart Association</i> , <b>2022</b> , e025171	6	1
234	Combined Assessment of FFR and CFR for Decision Making in Coronary Revascularization: From the Multicenter International ILIAS Registry.. <i>JACC: Cardiovascular Interventions</i> , <b>2022</b> , 15, 1047-1056	5	0
233	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> , <b>2022</b> , 101161CIRCINTERVENTIONS121011728	6	1
232	Gradual Versus Abrupt Reperfusion During Primary Percutaneous Coronary Interventions in ST-Segment-Elevation Myocardial Infarction (GUARD).. <i>Journal of the American Heart Association</i> , <b>2022</b> , 11, e024172	6	1
231	Inter-observer differences in interpretation of coronary pressure-wire pullback data by non-expert interventional cardiologists. <i>Cardiovascular Intervention and Therapeutics</i> , <b>2021</b> , 36, 289-297	2.5	1
230	Angiographic quantitative flow ratio-guided coronary intervention (FAVOR III China): a multicentre, randomised, sham-controlled trial. <i>Lancet, The</i> , <b>2021</b> ,	40	16
229	Prevalence and Disease Spectrum of Extracoronary Arterial Abnormalities in Spontaneous Coronary Artery Dissection. <i>JAMA Cardiology</i> , <b>2021</b> ,	16.2	4
228	In-vivo evidence of systemic endothelial vascular dysfunction in COVID-19. <i>International Journal of Cardiology</i> , <b>2021</b> , 345, 153-155	3.2	8

227	Pre-dilation and Post-dilation in Transcatheter Aortic Valve Replacement: Indications, Benefits and Risks. <i>Interventional Cardiology Review</i> , <b>2021</b> , 16, e28	4.2	1
226	Stent strut thickness and acute vessel injury during percutaneous coronary interventions: an optical coherence tomography randomized clinical trial. <i>Coronary Artery Disease</i> , <b>2021</b> , 32, 382-390	1.4	1
225	Cardiac Computed Tomography Angiography Follow-Up of Resorbable Magnesium Scaffolds. <i>Cardiovascular Revascularization Medicine</i> , <b>2021</b> , 29, 18-21	1.6	1
224	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> , <b>2021</b> , 98, 1038-1046	2.7	1
223	Prognostic implications of coronary physiological indices in patients with diabetes mellitus. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2021</b> , 74, 682-690	0.7	1
222	Dose-reducing fluoroscopic system decreases patient but not occupational radiation exposure in chronic total occlusion intervention. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 98, 895-902	2.7	4
221	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> , <b>2021</b> , 62, 274-281	1.8	7
220	Quantitative flow ratio as a new tool for angiography-based physiological evaluation of coronary artery disease: a review. <i>Future Cardiology</i> , <b>2021</b> , 17, 1435-1452	1.3	1
219	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> , <b>2021</b> , 143, 37-45	3	2
218	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> , <b>2021</b> , 16, e0245898	3.7	1
217	Percutaneous mitral valve repair with MitraClip device in hemodynamically unstable patients: A systematic review. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 98, E617-E625	2.7	0
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> , <b>2021</b> , 11, 9126	4.9	1
215	Coronary flow reserve and coronary flow capacity at a time of shifting paradigms of ischaemic heart disease. <i>EuroIntervention</i> , <b>2021</b> , 16, e1463-e1465	3.1	
214	Impact of delirium in acute cardiac care unit after transcatheter aortic valve replacement. <i>International Journal of Cardiology</i> , <b>2021</b> , 330, 164-170	3.2	0
213	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> , <b>2021</b> , 42, 4592-4600	9.5	17
212	Correlation of Intravascular Ultrasound and Instantaneous Wave-Free Ratio in Patients With Intermediate Left Main Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , <b>2021</b> , 14, e009830	6	1
211	Risk Stratification of Patients With NonObstructive Coronary Artery Disease Using Resistive Reserve Ratio. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e020464	6	3
210	Impact of Morbid Obesity and Obesity Phenotype on Outcomes After Transcatheter Aortic Valve Replacement. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e019051	6	1

209	Invasive versus conservative management in spontaneous coronary artery dissection: A meta-analysis and meta-regression study. <i>Hellenic Journal of Cardiology</i> , <b>2021</b> , 62, 297-303	2.1	3
208	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> , <b>2021</b> , 97, E1-E11	2.7	3
207	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> , <b>2021</b> , 97, E227-E236	2.7	2
206	Influence of neoatherosclerosis on prognosis and treatment response in patients with in-stent restenosis. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2021</b> , 74, 427-435	0.7	1
205	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> , <b>2021</b> , 97, 825-832	2.7	0
204	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> , <b>2021</b> , 97, 755-763	2.7	
203	Clinical relevance and prognostic implications of contrast quantitative flow ratio in patients with coronary artery disease. <i>International Journal of Cardiology</i> , <b>2021</b> , 325, 23-29	3.2	4
202	Performance of the heart team approach in daily clinical practice in high-risk patients with aortic stenosis. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 31-39	1.3	3
201	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> , <b>2021</b> , 327, 45-51	3.2	1
200	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> , <b>2021</b> , 110, 228-236	6.1	5
199	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> , <b>2021</b> ,	9.5	11
198	The year in cardiovascular medicine 2020: interventional cardiology. <i>European Heart Journal</i> , <b>2021</b> , 42, 985-1003	9.5	4
197	Invasive Coronary Physiology After Stent Implantation: Another Step Toward Precision Medicine. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 237-246	5	2
196	Ticagrelor Monotherapy Versus Dual-Antiplatelet Therapy After PCI: An Individual Patient-Level Meta-Analysis. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 444-456	5	3
195	Coronary microcirculation assessment using functional angiography: Development of a wire-free method applicable to conventional coronary angiograms. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 98, 1027-1037	2.7	2
194	Thin-cap fibroatheroma predicts clinical events in diabetic patients with normal fractional flow reserve: the COMBINE OCT-FFR trial. <i>European Heart Journal</i> , <b>2021</b> , 42, 4671-4679	9.5	18
193	Ticagrelor monotherapy in patients with chronic kidney disease undergoing percutaneous coronary intervention: TWILIGHT-CKD. <i>European Heart Journal</i> , <b>2021</b> , 42, 4683-4693	9.5	5
192	Global Chronic Total Occlusion Crossing Algorithm: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2021</b> , 78, 840-853	15.1	21

191	Antiplatelet therapy in patients with conservatively managed spontaneous coronary artery dissection from the multicentre DISCO registry. <i>European Heart Journal</i> , <b>2021</b> , 42, 3161-3171	9.5	8
190	Impact of Endothelial Shear Stress on Absorption Process of Resorbable Magnesium Scaffold: A BIOSOLVE-II Substudy. <i>Cardiovascular Revascularization Medicine</i> , <b>2021</b> , 29, 9-15	1.6	0
189	Invasive and non-invasive assessment of ischaemia in chronic coronary syndromes: translating pathophysiology to clinical practice. <i>European Heart Journal</i> , <b>2021</b> ,	9.5	4
188	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> , <b>2021</b> , 239, 19-26	4.9	0
187	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> , <b>2021</b> , 156, 16-23	3	0
186	Ticagrelor monotherapy in patients at high bleeding risk undergoing percutaneous coronary intervention: TWILIGHT-HBR. <i>European Heart Journal</i> , <b>2021</b> , 42, 4624-4634	9.5	6
185	Reproducibility of Quantitative Flow Ratio: The QREP Study. <i>EuroIntervention</i> , <b>2021</b> ,	3.1	2
184	Comparisons of Nonhyperemic Pressure Ratios: Predicting Functional Results of Coronary Revascularization Using Longitudinal Vessel Interrogation. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 2688-2698	5	6
183	Comparison of bioresorbable vs durable polymer drug-eluting stents in unprotected left main (from the RAIN-CARDIOGROUP VII Study). <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 225	2.3	0
182	Non-hyperaemic coronary pressure measurements to guide coronary interventions. <i>Nature Reviews Cardiology</i> , <b>2020</b> , 17, 629-640	14.8	8
181	Defining heterogeneity of epicardial functional stenosis with low coronary flow reserve by unsupervised machine learning. <i>Heart and Vessels</i> , <b>2020</b> , 35, 1527-1536	2.1	0
180	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</i>	6	7
179	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> , <b>2020</b> , 41, 3504-3520	9.5	106
178	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> , <b>2020</b> , 223, 72-80	4.9	18
177	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> , <b>2020</b> , 9, e014458	6	2
176	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> , <b>2020</b> , 13, e008325	6	12
175	Updating national diagnostic reference levels for interventional cardiology and methodological aspects. <i>Physica Medica</i> , <b>2020</b> , 70, 169-175	2.7	6
174	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> , <b>2020</b> , 75, 2403-2413 <sup>15.1</sup>	15.1	34

173	Ticagrelor With or Without Aspirin After Complex PCI. <i>Journal of the American College of Cardiology</i> , <b>2020</b> , 75, 2414-2424	15.1	58
172	Per-Vessel Level Analysis of Fractional Flow Reserve and Instantaneous Wave-Free Ratio Discordance - Insights From the AJIP Registry. <i>Circulation Journal</i> , <b>2020</b> , 84, 1034-1038	2.9	0
171	Prognostic Implications of Resistive Reserve Ratio in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e015846	6	12
170	Coronary Circulatory Indexes in Non-Infarct-Related Vascular Territories in a Porcine Acute Myocardial Infarction Model. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 1155-1167	5	3
169	From plumbers to vascular restorers: has the Promethean promise of bioresorbable coronary scaffolds yet to be fulfilled?. <i>EuroIntervention</i> , <b>2020</b> , 16, e106-e108	3.1	
168	Long-term Patient Prognostication by Coronary Flow Reserve and Index of Microcirculatory Resistance: International Registry of Comprehensive Physiologic Assessment. <i>Korean Circulation Journal</i> , <b>2020</b> , 50, 890-903	2.2	2
167	Endothelial Dysfunction and Epicardial Coronary Spasm in a Woman With Previous Spontaneous Coronary Artery Dissection. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, e219-e220	5	0
166	International prospective cohort study of microvascular angina - Rationale and design. <i>IJC Heart and Vasculature</i> , <b>2020</b> , 31, 100630	2.4	2
165	Non-invasive assessment of endothelial function in patients with spontaneous coronary artery dissection: A case-control study. <i>International Journal of Cardiology</i> , <b>2020</b> , 316, 40-42	3.2	4
164	Evaluation and Management of Nonculprit Lesions in STEMI. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 1145-1154	5	12
163	Safety of Revascularization Deferral of Left Main Stenosis Based on Instantaneous Wave-Free Ratio Evaluation. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 1655-1664	5	10
162	Pathophysiology and diagnosis of coronary microvascular dysfunction in ST-elevation myocardial infarction. <i>Cardiovascular Research</i> , <b>2020</b> , 116, 787-805	9.9	36
161	Contribution of Age-Related Microvascular Dysfunction to Abnormal Coronary Hemodynamics in Patients With Ischemic Heart Disease. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 20-29	5	13
160	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> , <b>2020</b> , 96, 1-9	2.7	5
159	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> , <b>2020</b> , 41, 4103-4110	9.5	33
158	Reply. <i>Annals of Thoracic Surgery</i> , <b>2020</b> , 109, 1308	2.7	0
157	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> , <b>2020</b> , 125, 491-499	3	6
156	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> , <b>2020</b> , 9, 694-702	4.3	2

155	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> , <b>2020</b> , 41, 3533-3545	9.5	37
154	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> , <b>2020</b> , 229, 100-109	4.9	10
153	Contemporary use of coronary computed tomography angiography in the planning of percutaneous coronary intervention. <i>International Journal of Cardiovascular Imaging</i> , <b>2020</b> , 36, 2441-2453	3.5	4
152	Third-Generation Balloon and Self-Expandable Valves for Aortic Stenosis in Large and Extra-Large Aortic Annuli From the TAVR-LARGE Registry. <i>Circulation: Cardiovascular Interventions</i> , <b>2020</b> , 13, e009047	6	6
151	The Impact of Coronary Physiology on Contemporary Clinical Decision Making. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 1617-1638	5	19
150	Revascularization Deferral of Nonculprit Stenoses on the Basis of Fractional Flow Reserve: 1-Year Outcomes of 8,579 Patients. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 1894-1903	5	13
149	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> , <b>2020</b> , 9, e016130	6	2
148	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> , <b>2020</b> , 36, 3-8	2.5	1
147	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> , <b>2020</b> , 95, 522-529	2.7	3
146	Two years clinical outcomes with the state-of-the-art PCI for the treatment of bifurcation lesions: A sub-analysis of the SYNTAX II study. <i>Catheterization and Cardiovascular Interventions</i> , <b>2020</b> , 96, 10-17	2.7	0
145	Short-term clinical outcomes of percutaneous coronary intervention of unprotected left main coronary disease in cardiogenic shock. <i>Catheterization and Cardiovascular Interventions</i> , <b>2020</b> , 95, 515-521	2.7	2
144	Coronary artery aneurysms, insights from the international coronary artery aneurysm registry (CAAR). <i>International Journal of Cardiology</i> , <b>2020</b> , 299, 49-55	3.2	20
143	2019 ESC Guidelines for the diagnosis and management of chronic coronary syndromes. <i>European Heart Journal</i> , <b>2020</b> , 41, 407-477	9.5	1835
142	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> , <b>2019</b> , 21, 122	4.2	1
141	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> , <b>2019</b> , 394, 1325-1334	40	206
140	Safety and Effectiveness of Coronary Intravascular Lithotripsy for Treatment of Severely Calcified Coronary Stenoses: The Disrupt CAD II Study. <i>Circulation: Cardiovascular Interventions</i> , <b>2019</b> , 12, e008434	6	120
139	Clinical Implication of Quantitative Flow Ratio After Percutaneous Coronary Intervention for 3-Vessel Disease. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 2064-2075	5	23
138	Ticagrelor with or without Aspirin in High-Risk Patients after PCI. <i>New England Journal of Medicine</i> , <b>2019</b> , 381, 2032-2042	59.2	395

137	Artificial Intelligence for Aortic Pressure Waveform Analysis During Coronary Angiography: Machine Learning for Patient Safety. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 2093-2101	5	13
136	Clinical Events After Deferral of LAD Revascularization Following Physiological Coronary Assessment. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 444-453	15.1	20
135	Impact of post-procedural minimal stent area on 2-year clinical outcomes in the SYNTAX II trial. <i>Catheterization and Cardiovascular Interventions</i> , <b>2019</b> , 93, E225-E234	2.7	10
134	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 Interventions</i> , <b>2019</b> , 12, 259-270	5	19
133	Intracoronary Lithotripsy in Percutaneous Treatment of Calcific Left Main Coronary Stenoses. <i>JACC: Case Reports</i> , <b>2019</b> , 1, 46-49	1.2	
132	Undilatable Calcific Coronary Stenosis Causing Stent Underexpansion and Late Stent Thrombosis: A Complex Scenario Successfully Managed With Intravascular Lithotripsy. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 1510-1512	5	10
131	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> , <b>2019</b> , 12, e007494	6	22
130	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> , <b>2019</b> , 8, e011534	6	10
129	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> , <b>2019</b> , 20, 577-582	1.6	6
128	Diastolic-systolic velocity ratio to detect coronary stenoses under physiological resting conditions: a mechanistic study. <i>Open Heart</i> , <b>2019</b> , 6, e000968	3	0
127	Coexistence of Spontaneous Coronary Artery Dissection and Ascending Aortic Aneurysm. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, e249-e252	2.7	5
126	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 bifurcation in real life). <i>International Journal of Cardiology</i> , <b>2019</b> , 290, 64-69	3.2	7
125	Spontaneous Coronary Artery Dissection: Pathophysiological Insights From Optical Coherence Tomography. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 2475-2488	8.4	40
124	Diagnostic performance of quantitative flow ratio in prospectively enrolled patients: An individual patient-data meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , <b>2019</b> , 94, 693-701	2.7	37
123	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> , <b>2019</b> , 20, 6-8	1.6	6
122	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> , <b>2019</b> , 72, 373-382	0.7	4
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118	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> , <b>2019</b> , 4, 857-864	16.2	11
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115	Temporal Changes in Coronary Hyperemic and Resting Hemodynamic Indices in Nonculprit Vessels of Patients With ST-Segment Elevation Myocardial Infarction. <i>JAMA Cardiology</i> , <b>2019</b> , 4, 736-744	16.2	29
114	Sex Differences in Instantaneous Wave-Free Ratio or Fractional Flow Reserve-Guided Revascularization Strategy. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 2035-2046	5	13
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