

# Joo-Yong Hahn

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/4508143/joo-yong-hahn-publications-by-citations.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

271  
papers

6,040  
citations

38  
h-index

68  
g-index

354  
ext. papers

7,553  
ext. citations

4.2  
avg, IF

5.18  
L-index

#	Paper	IF	Citations
271	Six-month versus 12-month dual antiplatelet therapy after implantation of drug-eluting stents: the Efficacy of Xience/Promus Versus Cypher to Reduce Late Loss After Stenting (EXCELLENT) randomized, multicenter study. <i>Circulation</i> , <b>2012</b> , 125, 505-13	16.7	450
270	Extracorporeal cardiopulmonary resuscitation in patients with in-hospital cardiac arrest: A comparison with conventional cardiopulmonary resuscitation. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 1-7	1.4	338
269	Effect of P2Y12 Inhibitor Monotherapy vs Dual Antiplatelet Therapy on Cardiovascular Events in Patients Undergoing Percutaneous Coronary Intervention: The SMART-CHOICE Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 321, 2428-2437	27.4	260
268	Pre-treatment of mesenchymal stem cells with a combination of growth factors enhances gap junction formation, cytoprotective effect on cardiomyocytes, and therapeutic efficacy for myocardial infarction. <i>Journal of the American College of Cardiology</i> , <b>2008</b> , 51, 933-43	15.1	258
267	6-month versus 12-month or longer dual antiplatelet therapy after percutaneous coronary intervention in patients with acute coronary syndrome (SMART-DATE): a randomised, open-label, non-inferiority trial. <i>Lancet, The</i> , <b>2018</b> , 391, 1274-1284	40	165
266	Predictors and outcomes of side branch occlusion after main vessel stenting in coronary bifurcation lesions: results from the COBIS II Registry (CORONARY Bifurcation Stenting). <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1654-1659	15.1	155
265	Ischemic postconditioning during primary percutaneous coronary intervention: the effects of postconditioning on myocardial reperfusion in patients with ST-segment elevation myocardial infarction (POST) randomized trial. <i>Circulation</i> , <b>2013</b> , 128, 1889-96	16.7	140
264	Anatomic and functional evaluation of bifurcation lesions undergoing percutaneous coronary intervention. <i>Circulation: Cardiovascular Interventions</i> , <b>2010</b> , 3, 113-9	6	125
263	Long-term survival benefit of revascularization compared with medical therapy in patients with coronary chronic total occlusion and well-developed collateral circulation. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 271-279	5	109
262	Two-year survival and neurological outcome of in-hospital cardiac arrest patients rescued by extracorporeal cardiopulmonary resuscitation. <i>International Journal of Cardiology</i> , <b>2013</b> , 168, 3424-30	3.2	96
261	Beta-catenin overexpression reduces myocardial infarct size through differential effects on cardiomyocytes and cardiac fibroblasts. <i>Journal of Biological Chemistry</i> , <b>2006</b> , 281, 30979-89	5.4	92
260	Final kissing ballooning and long-term clinical outcomes in coronary bifurcation lesions treated with 1-stent technique: results from the COBIS registry. <i>Heart</i> , <b>2012</b> , 98, 225-31	5.1	84
259	Impact of intravascular ultrasound guidance on long-term clinical outcomes in patients treated with drug-eluting stent for bifurcation lesions: data from a Korean multicenter bifurcation registry. <i>American Heart Journal</i> , <b>2011</b> , 161, 180-7	4.9	82
258	Frequency of myocardial infarction and its relationship to angiographic collateral flow in territories supplied by chronically occluded coronary arteries. <i>Circulation</i> , <b>2013</b> , 127, 703-9	16.7	80
257	Modified T-stenting with intentional protrusion of the side-branch stent within the main vessel stent to ensure ostial coverage and facilitate final kissing balloon: the T-stenting and small protrusion technique (TAP-stenting). Report of bench testing and first clinical Italian-Korean multicenter study. <i>Catheterization and Cardiovascular Interventions</i> , <b>2007</b> , 70, 75-82	2.7	80
256	Impact of Intravascular Ultrasound-Guided Percutaneous Coronary Intervention on Long-Term Clinical Outcomes in Patients Undergoing Complex Procedures. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 607-620	5	64
255	Diagnostic performance of intracoronary gradient-based methods by coronary computed tomography angiography for the evaluation of physiologically significant coronary artery stenoses: a validation study with fractional flow reserve. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2012</b> , 13, 1001-7	4.1	62

254	Beta-catenin overexpression augments angiogenesis and skeletal muscle regeneration through dual mechanism of vascular endothelial growth factor-mediated endothelial cell proliferation and progenitor cell mobilization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2006</b> , 26, 91-8	9.4	61
253	Prognostic Implications of Door-to-Balloon Time and Onset-to-Door Time on Mortality in Patients With ST-Segment-Elevation Myocardial Infarction Treated With Primary Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e012188	6	57
252	Physiological Severity of Coronary Artery Stenosis Depends on the Amount of Myocardial Mass Subtended by the Coronary Artery. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 1548-60	5	56
251	Association of beta-blocker therapy at discharge with clinical outcomes in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 592-601	5	56
250	P2Y12 inhibitor monotherapy or dual antiplatelet therapy after coronary revascularisation: individual patient level meta-analysis of randomised controlled trials. <i>BMJ, The</i> , <b>2021</b> , 373, n1332	5.9	54
249	Developing a risk prediction model for survival to discharge in cardiac arrest patients who undergo extracorporeal membrane oxygenation. <i>International Journal of Cardiology</i> , <b>2014</b> , 177, 1031-5	3.2	52
248	The clinical features of transient left ventricular nonapical ballooning syndrome: comparison with apical ballooning syndrome. <i>American Heart Journal</i> , <b>2007</b> , 154, 1166-73	4.9	52
247	Association Between Presence of a Cardiac Intensivist and Mortality in an Adult Cardiac Care Unit. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, 2637-2648	15.1	52
246	Clinical characteristics, ballooning pattern, and long-term prognosis of transient left ventricular ballooning syndrome. <i>Heart and Lung: Journal of Acute and Critical Care</i> , <b>2010</b> , 39, 188-95	2.6	51
245	Serial intravascular ultrasound analysis of the main and side branches in bifurcation lesions treated with the T-stenting technique. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, 110-7	15.1	51
244	Sirolimus- versus paclitaxel-eluting stents for the treatment of coronary bifurcations results: from the COBIS (Coronary Bifurcation Stenting) Registry. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 55, 1743-50	15.1	48
243	Differential prognostic impact of treatment strategy among patients with left main versus non-left main bifurcation lesions undergoing percutaneous coronary intervention: results from the COBIS (Coronary Bifurcation Stenting) Registry II. <i>JACC: Cardiovascular Interventions</i> , <b>2014</b> , 7, 255-63	5	47
242	Multivessel Percutaneous Coronary Intervention in Patients With ST-Segment Elevation Myocardial Infarction With Cardiogenic Shock. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 844-856	15.1	46
241	Carina shift versus plaque shift for aggravation of side branch ostial stenosis in bifurcation lesions: volumetric intravascular ultrasound analysis of both branches. <i>Circulation: Cardiovascular Interventions</i> , <b>2012</b> , 5, 657-62	6	46
240	Physiological and Clinical Assessment of Resting Physiological Indexes. <i>Circulation</i> , <b>2019</b> , 139, 889-900	16.7	46
239	The effect of stem cell mobilization by granulocyte-colony stimulating factor on neointimal hyperplasia and endothelial healing after vascular injury with bare-metal versus paclitaxel-eluting stents. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 48, 366-74	15.1	45
238	La escala de vasoactivos inotrópicos como predictora de mortalidad de adultos con shock cardiogénico tratados con y sin ECMO. <i>Revista Espanola De Cardiologia</i> , <b>2019</b> , 72, 40-47	1.5	44
237	Clinical impact of intra-aortic balloon pump during extracorporeal life support in patients with acute myocardial infarction complicated by cardiogenic shock. <i>BMC Anesthesiology</i> , <b>2014</b> , 14, 27	2.4	44

236	ComparisOn of neointimal coVerge betwEen zotaRolimus-eluting stent and everolimus-eluting stent using Optical Coherence Tomography (COVER OCT). <i>American Heart Journal</i> , <b>2012</b> , 163, 601-7	4.9	41
235	Long-Term Clinical Outcomes of Final Kissing Ballooning in Coronary Bifurcation Lesions Treated With the 1-Stent Technique: Results From the COBIS II Registry (Korean Coronary Bifurcation Stenting Registry). <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 1297-1307	5	40
234	Randomized comparison of conservative versus aggressive strategy for provisional side branch intervention in coronary bifurcation lesions: results from the SMART-STRATEGY (Smart Angioplasty Research Team-Optimal Strategy for Side Branch Intervention in Coronary Bifurcation Lesions) randomized trial. <i>JACC: Cardiovascular Interventions</i> , <b>2012</b> , 5, 1133-40	5	38
233	Effects of atorvastatin pretreatment on infarct size in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention. <i>American Heart Journal</i> , <b>2011</b> , 162, 1026-33	4.9	37
232	Identification of Coronary Artery Side Branch Supplying Myocardial Mass That May Benefit From Revascularization. <i>JACC: Cardiovascular Interventions</i> , <b>2017</b> , 10, 571-581	5	36
231	Predictors of outcomes of contrast-induced acute kidney injury after percutaneous coronary intervention in patients with chronic kidney disease. <i>American Journal of Cardiology</i> , <b>2014</b> , 114, 1830-5	3	36
230	Percutaneous coronary intervention for nonculprit vessels in cardiogenic shock complicating ST-segment elevation acute myocardial infarction. <i>Critical Care Medicine</i> , <b>2014</b> , 42, 17-25	1.4	36
229	Prognostic Implications of Relative Increase and Final Fractional Flow Reserve in Patients With Stent Implantation. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 2099-2109	5	36
228	Percutaneous removal using Perclose ProGlide closure devices versus surgical removal for weaning after percutaneous cannulation for venoarterial extracorporeal membrane oxygenation. <i>Journal of Vascular Surgery</i> , <b>2016</b> , 63, 998-1003.e1	3.5	35
227	Long-term clinical results and predictors of adverse outcomes after drug-eluting stent implantation for bifurcation lesions in a real-world practice: the COBIS (Coronary Bifurcation Stenting) registry. <i>Circulation Journal</i> , <b>2010</b> , 74, 2322-8	2.9	35
226	Clopidogrel Versus Aspirin as an Antiplatelet Monotherapy After 12-Month Dual-Antiplatelet Therapy in the Era of Drug-Eluting Stents. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9, e002816	6	34
225	Optimal Medical Therapy vs. Percutaneous Coronary Intervention for Patients With Coronary Chronic Total Occlusion - A Propensity-Matched Analysis. <i>Circulation Journal</i> , <b>2016</b> , 80, 211-7	2.9	31
224	Prognostic Implication of Thermodilution Coronary Flow Reserve in Patients Undergoing Fractional Flow Reserve Measurement. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 1423-1433	5	31
223	Effect of celecoxib on restenosis after coronary angioplasty with a Taxus stent (COREA-TAXUS trial): an open-label randomised controlled study. <i>Lancet, The</i> , <b>2007</b> , 370, 567-74	4.0	31
222	Coronary Computed Tomography Angiography Predicts Guidewire Crossing and Success of Percutaneous Intervention for Chronic Total Occlusion: Korean Multicenter CTO CT Registry Score as a Tool for Assessing Difficulty in Chronic Total Occlusion Percutaneous Coronary Intervention. <i>Circulation: Cardiovascular Imaging</i> , <b>2017</b> , 10	3.9	30
221	Efficacy of Xience/promus versus Cypher in rEducing Late Loss after stENTing (EXCELLENT) trial: study design and rationale of a Korean multicenter prospective randomized trial. <i>American Heart Journal</i> , <b>2009</b> , 157, 811-817.e1	4.9	30
220	Prognostic value of admission blood glucose level in patients with and without diabetes mellitus who sustain ST segment elevation myocardial infarction complicated by cardiogenic shock. <i>Critical Care</i> , <b>2013</b> , 17, R218	10.8	29
219	Three-dimensional quantitative volumetry of chronic total occlusion plaque using coronary multidetector computed tomography. <i>Circulation Journal</i> , <b>2011</b> , 75, 366-75	2.9	29

218	Multivessel vs single-vessel revascularization in patients with non-ST-segment elevation acute coronary syndrome and multivessel disease in the drug-eluting stent era. <i>Clinical Cardiology</i> , <b>2011</b> , 34, 160-5	3.3	29
217	Comparison of angiographic and other findings and mortality in non-ST-segment elevation versus ST-segment elevation myocardial infarction in patients undergoing early invasive intervention. <i>American Journal of Cardiology</i> , <b>2010</b> , 106, 1397-403	3	29
216	Optimal Strategy for Provisional Side Branch Intervention in Coronary Bifurcation Lesions: 3-Year Outcomes of the SMART-STRATEGY Randomized Trial. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 517-26	5	28
215	Complete versus incomplete revascularization for treatment of multivessel coronary artery disease in the drug-eluting stent era. <i>Heart and Vessels</i> , <b>2012</b> , 27, 433-42	2.1	28
214	Influence of Local Myocardial Damage on Index of Microcirculatory Resistance and Fractional Flow Reserve in Target and Nontarget Vascular Territories in a Porcine Microvascular Injury Model. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 717-724	5	27
213	A protective role of early collateral blood flow in patients with ST-segment elevation myocardial infarction. <i>American Heart Journal</i> , <b>2016</b> , 171, 56-63	4.9	27
212	Long-term outcomes of drug-eluting stent implantation versus coronary artery bypass grafting for patients with coronary artery disease and chronic left ventricular systolic dysfunction. <i>American Journal of Cardiology</i> , <b>2013</b> , 112, 623-9	3	27
211	Multimodality Intravascular Imaging Assessment of Plaque Erosion versus Plaque Rupture in Patients with Acute Coronary Syndrome. <i>Korean Circulation Journal</i> , <b>2016</b> , 46, 499-506	2.2	27
210	Survival After Extracorporeal Cardiopulmonary Resuscitation on Weekends in Comparison With Weekdays. <i>Annals of Thoracic Surgery</i> , <b>2016</b> , 101, 133-40	2.7	26
209	Differential Prognostic Effect Between First- and Second-Generation Drug-Eluting Stents in Coronary Bifurcation Lesions: Patient-Level Analysis of the Korean Bifurcation Pooled Cohorts. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 1318-1331	5	25
208	Three-month dual antiplatelet therapy after implantation of zotarolimus-eluting stents: the DATE (Duration of Dual Antiplatelet Therapy After Implantation of Endeavor Stent) registry. <i>Circulation Journal</i> , <b>2010</b> , 74, 2314-21	2.9	25
207	Noninvasive evaluation of coronary collateral arterial flow by coronary computed tomographic angiography. <i>Circulation: Cardiovascular Imaging</i> , <b>2014</b> , 7, 482-90	3.9	24
206	The impact of initial treatment delay using primary angioplasty on mortality among patients with acute myocardial infarction: from the Korea acute myocardial infarction registry. <i>Journal of Korean Medical Science</i> , <b>2008</b> , 23, 357-64	4.7	24
205	D-Dimer Levels Predict Myocardial Injury in ST-Segment Elevation Myocardial Infarction: A Cardiac Magnetic Resonance Imaging Study. <i>PLoS ONE</i> , <b>2016</b> , 11, e0160955	3.7	24
204	Glycemic Control Status After Percutaneous Coronary Intervention and Long-Term Clinical Outcomes in Patients With Type 2 Diabetes Mellitus. <i>Circulation: Cardiovascular Interventions</i> , <b>2017</b> , 10,	6	23
203	Physiologic Characteristics and Clinical Outcomes of Patients With Discordance Between FFR and iFR. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 2018-2031	5	23
202	Diagnostic Agreement of Quantitative Flow Ratio With Fractional Flow Reserve and Instantaneous Wave-Free Ratio. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e011605	6	23
201	Long-Term Clinical Outcomes of True and Non-True Bifurcation Lesions According to Medina Classification- Results From the COBIS (COronary Bifurcation Stent) II Registry. <i>Circulation Journal</i> , <b>2015</b> , 79, 1954-62	2.9	23

200	Assessment of perioperative cardiac risk of patients undergoing noncardiac surgery using coronary computed tomographic angiography. <i>Circulation: Cardiovascular Imaging</i> , <b>2015</b> , 8,	3.9	22
199	Angiotensin receptor blocker in patients with ST segment elevation myocardial infarction with preserved left ventricular systolic function: prospective cohort study. <i>BMJ, The</i> , <b>2014</b> , 349, g6650	5.9	22
198	A high loading dose of clopidogrel reduces myocardial infarct size in patients undergoing primary percutaneous coronary intervention: a magnetic resonance imaging study. <i>American Heart Journal</i> , <b>2012</b> , 163, 500-7	4.9	22
197	Long-Term Clinical Outcomes and Optimal Stent Strategy in Left Main Coronary Bifurcation Stenting. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 1247-1258	5	22
196	Neurologic Outcomes in Patients Who Undergo Extracorporeal Cardiopulmonary Resuscitation. <i>Annals of Thoracic Surgery</i> , <b>2019</b> , 108, 749-755	2.7	21
195	Noninvasive Discrimination of Coronary Chronic Total Occlusion and Subtotal Occlusion by Coronary Computed Tomography Angiography. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 1143-1153	5	20
194	Outcomes in Patients with Diabetes Mellitus According to Insulin Treatment After Percutaneous Coronary Intervention in the Second-Generation Drug-Eluting Stent Era. <i>American Journal of Cardiology</i> , <b>2018</b> , 121, 1505-1511	3	20
193	The association of findings on brain computed tomography with neurologic outcomes following extracorporeal cardiopulmonary resuscitation. <i>Critical Care</i> , <b>2017</b> , 21, 15	10.8	20
192	Fractional Flow Reserve and Instantaneous Wave-Free Ratio for Nonculprit Stenosis in Patients With Acute Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 1848-1858	5	20
191	Clinical outcomes of multiple chronic total occlusions in coronary arteries according to three therapeutic strategies: Bypass surgery, percutaneous intervention and medication. <i>International Journal of Cardiology</i> , <b>2015</b> , 197, 2-7	3.2	19
190	Effect of ischemic postconditioning on myocardial salvage in patients undergoing primary percutaneous coronary intervention for ST-segment elevation myocardial infarction: cardiac magnetic resonance substudy of the POST randomized trial. <i>International Journal of Cardiovascular Imaging</i> , <b>2015</b> , 31, 629-37	2.5	19
189	Benefit of Prolonged Dual Antiplatelet Therapy After Implantation of Drug-Eluting Stent for Coronary Bifurcation Lesions: Results From the Coronary Bifurcation Stenting Registry II. <i>Circulation: Cardiovascular Interventions</i> , <b>2018</b> , 11, e005849	6	19
188	Comparison of magnetic resonance imaging findings in non-ST-segment elevation versus ST-segment elevation myocardial infarction patients undergoing early invasive intervention. <i>International Journal of Cardiovascular Imaging</i> , <b>2012</b> , 28, 1487-97	2.5	18
187	Relation of left ventricular infarct transmuralty and infarct size after primary percutaneous coronary angioplasty to time from symptom onset to balloon inflation. <i>American Journal of Cardiology</i> , <b>2008</b> , 102, 1163-9	3	18
186	Influence of target vessel on prognostic relevance of fractional flow reserve after coronary stenting. <i>EuroIntervention</i> , <b>2019</b> , 15, 457-464	3.1	18
185	Prognostic Impact of $\beta$ Blocker Dose After Acute Myocardial Infarction. <i>Circulation Journal</i> , <b>2019</b> , 83, 410-417	2.9	18
184	Peripheral artery disease in korean patients undergoing percutaneous coronary intervention: prevalence and association with coronary artery disease severity. <i>Journal of Korean Medical Science</i> , <b>2013</b> , 28, 87-92	4.7	17
183	Cardioprotective Effects of Intracoronary Morphine in ST-Segment Elevation Myocardial Infarction Patients Undergoing Primary Percutaneous Coronary Intervention: A Prospective, Randomized Trial. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	16

182	Comparison of outcomes after treatment of in-stent restenosis using newer generation drug-eluting stents versus drug-eluting balloon: Patient-level pooled analysis of Korean Multicenter in-Stent Restenosis Registry. <i>International Journal of Cardiology</i> , <b>2017</b> , 230, 181-190	3.2	16
181	Clinical Outcome of Lesions With Discordant Results Among Different Invasive Physiologic Indices - Resting Distal Coronary to Aortic Pressure Ratio, Resting Full-Cycle Ratio, Diastolic Pressure Ratio, Instantaneous Wave-Free Ratio, and Fractional Flow Reserve. <i>Circulation Journal</i> , <b>2019</b> , 83, 2210-2221	2.9	16
180	Major Predictors of Long-Term Clinical Outcomes After Percutaneous Coronary Intervention for Coronary Bifurcation Lesions With 2-Stent Strategy: Patient-Level Analysis of the Korean Bifurcation Pooled Cohorts. <i>JACC: Cardiovascular Interventions</i> , <b>2016</b> , 9, 1879-86	5	16
179	Impact of a cardiac intensivist on mortality in patients with cardiogenic shock. <i>International Journal of Cardiology</i> , <b>2017</b> , 244, 220-225	3.2	16
178	Long-term effects of ischemic postconditioning on clinical outcomes: 1-year follow-up of the POST randomized trial. <i>American Heart Journal</i> , <b>2015</b> , 169, 639-46	4.9	16
177	Vasoactive Inotropic Score as a Predictor of Mortality in Adult Patients With Cardiogenic Shock: Medical Therapy Versus ECMO. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2019</b> , 72, 40-47	0.7	16
176	Association of Obstructive Sleep Apnea With Subclinical Cardiovascular Disease Predicted by Coronary Artery Calcium Score in Asymptomatic Subjects. <i>American Journal of Cardiology</i> , <b>2017</b> , 120, 577-581	3	15
175	Impact of Cannula Size on Clinical Outcomes in Peripheral Venoarterial Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , <b>2019</b> , 65, 573-579	3.6	15
174	Effects of Statin Intensity on Clinical Outcome in Acute Myocardial Infarction Patients. <i>Circulation Journal</i> , <b>2018</b> , 82, 1112-1120	2.9	15
173	Clinical Outcomes of Vasospastic Angina Patients Presenting With Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5,	6	15
172	Impact of white blood cell count on myocardial salvage, infarct size, and clinical outcomes in patients undergoing primary percutaneous coronary intervention for ST-segment elevation myocardial infarction: a magnetic resonance imaging study. <i>International Journal of Cardiovascular Imaging</i> , <b>2014</b> , 30, 129-35	2.5	15
171	Clinical outcomes of patients with acute myocardial infarction complicated by severe refractory cardiogenic shock assisted with percutaneous cardiopulmonary support. <i>Yonsei Medical Journal</i> , <b>2014</b> , 55, 920-7	3	15
170	Long-term clinical outcomes of patients with coronary chronic total occlusion treated with percutaneous coronary intervention versus medical therapy according to presence of diabetes mellitus. <i>EuroIntervention</i> , <b>2017</b> , 13, 970-977	3.1	15
169	Impact of Optimized Procedure-Related Factors in Drug-Eluting Balloon Angioplasty for Treatment of In-Stent Restenosis. <i>JACC: Cardiovascular Interventions</i> , <b>2018</b> , 11, 969-978	5	15
168	Optimal medical therapy may be a better initial strategy in patients with chronic total occlusion of a single coronary artery. <i>International Journal of Cardiology</i> , <b>2016</b> , 210, 56-62	3.2	14
167	Periprocedural myocardial infarction is not associated with an increased risk of long-term cardiac mortality after coronary bifurcation stenting. <i>International Journal of Cardiology</i> , <b>2013</b> , 167, 1251-6	3.2	14
166	Outcome of in-hospital adult cardiopulmonary resuscitation assisted with portable auto-priming percutaneous cardiopulmonary support. <i>International Journal of Cardiology</i> , <b>2011</b> , 151, 12-7	3.2	14
165	Upstream high-dose tirofiban does not reduce myocardial infarct size in patients undergoing primary percutaneous coronary intervention: a magnetic resonance imaging pilot study. <i>Clinical Cardiology</i> , <b>2009</b> , 32, 321-6	3.3	14

164	Comparison of vessel geometry in bifurcation between normal and diseased segments: intravascular ultrasound analysis. <i>Atherosclerosis</i> , <b>2008</b> , 201, 326-31	3.1	14
163	Morphine Does Not Affect Myocardial Salvage in ST-Segment Elevation Myocardial Infarction. <i>PLoS ONE</i> , <b>2017</b> , 12, e0170115	3.7	14
162	Comparison of Long-Term Clinical Outcome Between Multivessel Percutaneous Coronary Intervention Versus Infarct-Related Artery-Only Revascularization for Patients With ST-Segment-Elevation Myocardial Infarction With Cardiogenic Shock. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e013870	6	14
161	Fluoroscopy-guided simultaneous distal perfusion as a preventive strategy of limb ischemia in patients undergoing extracorporeal membrane oxygenation. <i>Annals of Intensive Care</i> , <b>2018</b> , 8, 101	8.9	14
160	The differential neurologic prognosis of low-flow time according to the initial rhythm in patients who undergo extracorporeal cardiopulmonary resuscitation. <i>Resuscitation</i> , <b>2020</b> , 148, 121-127	4	13
159	Left heart decompression at venoarterial extracorporeal membrane oxygenation initiation in cardiogenic shock: prophylactic versus therapeutic strategy. <i>Journal of Thoracic Disease</i> , <b>2019</b> , 11, 3746-3756	3.6	13
158	Impact of transmural necrosis on left ventricular remodeling and clinical outcomes in patients undergoing primary percutaneous coronary intervention for ST-segment elevation myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , <b>2013</b> , 29, 835-42	2.5	13
157	Effects of balloon-based distal protection during primary percutaneous coronary intervention on early and late infarct size and left ventricular remodeling: a pilot study using serial contrast-enhanced magnetic resonance imaging. <i>American Heart Journal</i> , <b>2007</b> , 153, 665.e1-8	4.9	13
156	Clinical implications of low-dose aspirin on vasospastic angina patients without significant coronary artery stenosis; a propensity score-matched analysis. <i>International Journal of Cardiology</i> , <b>2016</b> , 221, 161-6	3.2	13
155	Association of periprocedural myocardial infarction with long-term survival in patients treated with coronary revascularization therapy of chronic total occlusion. <i>Catheterization and Cardiovascular Interventions</i> , <b>2016</b> , 87, 1042-9	2.7	13
154	Anticoagulation in ischemic left ventricular aneurysm. <i>Mayo Clinic Proceedings</i> , <b>2015</b> , 90, 441-9	6.4	12
153	Long-term $\beta$ -blocker therapy and clinical outcomes after acute myocardial infarction in patients without heart failure: nationwide cohort study. <i>European Heart Journal</i> , <b>2020</b> , 41, 3521-3529	9.5	12
152	Prognostic implications of post-percutaneous coronary intervention neutrophil-to-lymphocyte ratio on infarct size and clinical outcomes in patients with acute myocardial infarction. <i>Scientific Reports</i> , <b>2019</b> , 9, 9646	4.9	12
151	High-dose atorvastatin for preventing contrast-induced nephropathy in primary percutaneous coronary intervention. <i>Journal of Cardiovascular Medicine</i> , <b>2015</b> , 16, 213-9	1.9	12
150	Impact of coronary bifurcation angle on clinical outcomes after percutaneous coronary intervention in real-world practice: results from the COBIS registry. <i>Cardiology</i> , <b>2012</b> , 122, 216-24	1.6	12
149	Prediction of side branch occlusions in percutaneous coronary interventions by coronary computed tomography: the CT bifurcation score as a novel tool for predicting intraprocedural side branch occlusion. <i>EuroIntervention</i> , <b>2019</b> , 15, e788-e795	3.1	11
148	Impact of non-compliant balloons on long-term clinical outcomes in coronary bifurcation lesions: results from the COBIS (CORONARY Bifurcation Stent) II registry. <i>EuroIntervention</i> , <b>2016</b> , 12, 456-64	3.1	11
147	Automated Algorithm Using Pre-Intervention Fractional Flow Reserve Pullback Curve to Predict Post-Intervention Physiological Results. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 2670-2684	5	11



146	Shock Index as a Predictor of Myocardial Injury in ST-segment Elevation Myocardial Infarction. <i>American Journal of the Medical Sciences</i> , <b>2016</b> , 352, 574-581	2.2	11
145	High-Intensity Versus Non-High-Intensity Statins in Patients Achieving Low-Density Lipoprotein Cholesterol Goal After Percutaneous Coronary Intervention. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7, e009517	6	11
144	Ticagrelor Versus Clopidogrel on Myocardial Infarct Size in Patients Undergoing Primary Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , <b>2017</b> , 69, 2098-2099	15.1	10
143	Triple versus dual antiplatelet therapy after percutaneous coronary intervention for coronary bifurcation lesions: results from the COBIS (COronary Bifurcation Stent) II Registry. <i>Heart and Vessels</i> , <b>2015</b> , 30, 458-68	2.1	10
142	Long-Term Clinical Outcomes of Medical Therapy for Coronary Chronic Total Occlusions in Elderly Patients (≥5 Years). <i>Circulation Journal</i> , <b>2015</b> , 79, 1780-6	2.9	10
141	Percutaneous transeptal left atrial drainage for decompression of the left heart in an adult patient during percutaneous cardiopulmonary support. <i>Korean Circulation Journal</i> , <b>2011</b> , 41, 402-4	2.2	10
140	Optimal Timing of Venoarterial-Extracorporeal Membrane Oxygenation in Acute Myocardial Infarction Patients Suffering From Refractory Cardiogenic Shock. <i>Circulation Journal</i> , <b>2020</b> , 84, 1502-1510	2.9	10
139	Gender differences in long-term clinical outcomes and prognostic factors in patients with vasospastic angina. <i>International Journal of Cardiology</i> , <b>2017</b> , 249, 6-11	3.2	9
138	Comparative Effectiveness of Angiotensin II Receptor Blockers Versus Angiotensin-Converting Enzyme Inhibitors Following Contemporary Treatments in Patients with Acute Myocardial Infarction: Results From the Korean Working Group in Myocardial Infarction (KorMI) Registry. <i>American Journal of Cardiovascular Drugs</i> , <b>2015</b> , 15, 439-49	4	9
137	Clinical Usefulness of PRECISE-DAPT Score for Predicting Bleeding Events in Patients With Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention: An Analysis From the SMART-DATE Randomized Trial. <i>Circulation: Cardiovascular Interventions</i> , <b>2020</b> , 13, e008530	6	9
136	Impact of overweight on myocardial infarct size in patients undergoing primary percutaneous coronary intervention: a magnetic resonance imaging study. <i>Atherosclerosis</i> , <b>2014</b> , 235, 570-5	3.1	9
135	Uric Acid Level Has a U-shaped Association with Clinical Outcomes in Patients with Vasospastic Angina. <i>Journal of Korean Medical Science</i> , <b>2017</b> , 32, 1275-1280	4.7	9
134	Comparison of the first- and second-generation limus-eluting stents for bifurcation lesions from a Korean multicenter registry. <i>Circulation Journal</i> , <b>2015</b> , 79, 544-52	2.9	9
133	OCT-verified peri-strut low-intensity areas and the extent of neointimal formation after 3 years following stent implantation. <i>JACC: Cardiovascular Imaging</i> , <b>2012</b> , 5, 1156-60	8.4	9
132	Prognostic Effects of Treatment Strategies for Left Main Versus Non-Left Main Bifurcation Percutaneous Coronary Intervention With Current-Generation Drug-Eluting Stent. <i>Circulation: Cardiovascular Interventions</i> , <b>2020</b> , 13, e008543	6	8
131	P2Y12 Inhibitor Monotherapy vs Dual Antiplatelet Therapy After Percutaneous Coronary Intervention-Reply. <i>JAMA - Journal of the American Medical Association</i> , <b>2019</b> , 322, 1607-1608	27.4	8
130	Efecto en los resultados de la intervenci3n y los resultados cl3nicos a largo plazo de la predilataci3n de la rama lateral para lesiones coronarias en bifurcaci3n tratadas con la t3cnica de stent condicional. <i>Revista Espanola De Cardiologia</i> , <b>2014</b> , 67, 804-812	1.5	8
129	Periprocedural myocardial infarction after retrograde approach for chronic total occlusion of coronary artery: demonstrated by cardiac magnetic resonance imaging. <i>Korean Circulation Journal</i> , <b>2011</b> , 41, 747-9	2.2	8

128	First-Generation Versus Second-Generation Drug-Eluting Stents in Coronary Chronic Total Occlusions: Two-Year Results of a Multicenter Registry. <i>PLoS ONE</i> , <b>2016</b> , 11, e0157549	3.7	8
127	Duration of dual antiplatelet therapy in patients treated with percutaneous coronary intervention for coronary chronic total occlusion. <i>PLoS ONE</i> , <b>2017</b> , 12, e0176737	3.7	8
126	Long-Term Efficacy of Extended Dual Antiplatelet Therapy After Left Main Coronary Artery Bifurcation Stenting. <i>American Journal of Cardiology</i> , <b>2020</b> , 125, 320-327	3	8
125	Prognostic Impact of Residual Anatomic Disease Burden After Functionally Complete Revascularization. <i>Circulation: Cardiovascular Interventions</i> , <b>2020</b> , 13, e009232	6	8
124	Impact of statin therapy on long-term clinical outcomes of vasospastic angina without significant stenosis: A propensity-score matched analysis. <i>International Journal of Cardiology</i> , <b>2016</b> , 223, 791-796	3.2	8
123	Deferred versus conventional stent implantation in patients with acute ST-segment elevation myocardial infarction: An updated meta-analysis of 10 studies. <i>International Journal of Cardiology</i> , <b>2017</b> , 230, 509-517	3.2	7
122	Comparison of Fractional Flow Reserve And Intravascular ultrasound-guided Intervention Strategy for Clinical Outcomes in Patients with Intermediate Stenosis (FLAVOUR): Rationale and design of a randomized clinical trial. <i>American Heart Journal</i> , <b>2018</b> , 199, 7-12	4.9	7
121	Comparison between zotarolimus-eluting stents and first generation drug-eluting stents in the treatment of patients with acute ST-segment elevation myocardial infarction. <i>International Journal of Cardiology</i> , <b>2013</b> , 166, 118-25	3.2	7
120	Long-term outcomes of complete versus incomplete revascularization for patients with multivessel coronary artery disease and left ventricular systolic dysfunction in drug-eluting stent era. <i>Journal of Korean Medical Science</i> , <b>2014</b> , 29, 1501-6	4.7	7
119	Impact of acute coronary syndrome classification and procedural technique on clinical outcomes in patients with coronary bifurcation lesions treated with drug-eluting stents. <i>Clinical Cardiology</i> , <b>2012</b> , 35, 610-8	3.3	7
118	Long-term outcomes of sirolimus-eluting stents vs. paclitaxel-eluting stents in unprotected left main coronary artery bifurcation lesions. <i>Clinical Cardiology</i> , <b>2011</b> , 34, 378-83	3.3	7
117	One month follow-up C-reactive protein may be a useful predictor of angiographic restenosis and long-term clinical outcomes after bare metal stent implantation. <i>International Journal of Cardiology</i> , <b>2006</b> , 109, 267-9	3.2	7
116	The Proximal Optimization Technique Improves Clinical Outcomes When Treated without Kissing Ballooning in Patients with a Bifurcation Lesion. <i>Korean Circulation Journal</i> , <b>2019</b> , 49, 485-494	2.2	7
115	Clinical implications of residual SYNTAX score after percutaneous coronary intervention in patients with chronic total occlusion and multivessel coronary artery disease: a comparison with coronary artery bypass grafting. <i>EuroIntervention</i> , <b>2017</b> , 13, 97-105	3.1	7
114	Safety of 6-month duration of dual antiplatelet therapy after percutaneous coronary intervention in patients with acute coronary syndromes: Rationale and design of the Smart Angioplasty Research Team-safety of 6-month duration of Dual Antiplatelet Therapy after percutaneous coronary intervention in patients with acute coronary syndromes (SMART-DATE) prospective	4.9	7
113	Practical guidance for P2Y12 inhibitors in acute myocardial infarction undergoing percutaneous coronary intervention. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , <b>2021</b> , 7, 112-124	6.4	7
112	Rationale and design of the comparison between a P2Y12 inhibitor monotherapy versus dual antiplatelet therapy in patients undergoing implantation of coronary drug-eluting stents (SMART-CHOICE): A prospective multicenter randomized trial. <i>American Heart Journal</i> , <b>2018</b> , 197, 77-84	4.9	6
111	Triple rule-out computed tomography for risk stratification of patients with acute chest pain. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2016</b> , 10, 291-300	2.8	6

110	Extended Clopidogrel Therapy Beyond 12 Months and Long-Term Outcomes in Patients With Diabetes Mellitus Receiving Coronary Arterial Second-Generation Drug-Eluting Stents. <i>American Journal of Cardiology</i> , <b>2018</b> , 122, 705-711	3	6
109	Impact of bifurcation stent technique on clinical outcomes in patients with a Medina 0,0,1 coronary bifurcation lesion: results from the COBIS (COronary BIfurcation Stenting) II registry. <i>Catheterization and Cardiovascular Interventions</i> , <b>2014</b> , 84, E43-50	2.7	6
108	Successful retrieval of intravascular stent remnants with a combination of rotational atherectomy and a gooseneck snare. <i>Korean Circulation Journal</i> , <b>2012</b> , 42, 492-6	2.2	6
107	Trans-radial versus trans-femoral intervention for the treatment of coronary bifurcations: results from Coronary Bifurcation Stenting Registry. <i>Journal of Korean Medical Science</i> , <b>2013</b> , 28, 388-95	4.7	6
106	2020 Korean Society of Myocardial Infarction Expert Consensus Document on Pharmacotherapy for Acute Myocardial Infarction. <i>Korean Circulation Journal</i> , <b>2020</b> , 50, 845-866	2.2	6
105	Antithrombotic therapy after percutaneous coronary intervention of bifurcation lesions. <i>EuroIntervention</i> , <b>2021</b> , 17, 59-66	3.1	6
104	Late Survival Benefit of Percutaneous Coronary Intervention Compared With Medical Therapy in Patients With Coronary Chronic Total Occlusion: A 10-Year Follow-Up Study. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e019022	6	6
103	Impact of different nitrate therapies on long-term clinical outcomes of patients with vasospastic angina: A propensity score-matched analysis. <i>International Journal of Cardiology</i> , <b>2018</b> , 252, 1-5	3.2	6
102	Clinical Significance of Postinfarct Fever in ST-Segment Elevation Myocardial Infarction: A Cardiac Magnetic Resonance Imaging Study. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	5
101	Bioresorbable Vascular Scaffold Korean Expert Panel Report. <i>Korean Circulation Journal</i> , <b>2017</b> , 47, 795-810		5
100	Comparison of long-term clinical outcomes between revascularization versus medical treatment in patients with silent myocardial ischemia. <i>International Journal of Cardiology</i> , <b>2019</b> , 277, 47-53	3.2	5
99	Response by Hwang et al to Letter Regarding Article, "Glycemic Control Status After Percutaneous Coronary Intervention and Long-Term Clinical Outcomes in Patients With Type 2 Diabetes Mellitus". <i>Circulation: Cardiovascular Interventions</i> , <b>2017</b> , 10,	6	5
98	A case of a senile systemic amyloidosis patient presenting with angina pectoris and dilated cardiomyopathy. <i>Korean Circulation Journal</i> , <b>2011</b> , 41, 209-12	2.2	5
97	Multidisciplinary team approach in acute myocardial infarction patients undergoing veno-arterial extracorporeal membrane oxygenation. <i>Annals of Intensive Care</i> , <b>2020</b> , 10, 83	8.9	5
96	Safety and Efficacy of Biodegradable Polymer-biolimus-eluting Stents (BP-BES) Compared with Durable Polymer-everolimus-eluting Stents (DP-EES) in Patients Undergoing Complex Percutaneous Coronary Intervention. <i>Korean Circulation Journal</i> , <b>2019</b> , 49, 69-80	2.2	5
95	Duration of clopidogrel-based dual antiplatelet therapy and clinical outcomes after endeavor sprint zotarolimus-eluting stent implantation in patients presenting with acute coronary syndrome. <i>European Journal of Internal Medicine</i> , <b>2015</b> , 26, 521-7	3.9	4
94	Effect of Sex Difference of Coronary Microvascular Dysfunction on Long-Term Outcomes in Deferred Lesions. <i>JACC: Cardiovascular Interventions</i> , <b>2020</b> , 13, 1669-1679	5	4
93	Gender Differences in Clinical Profiles of Stress-Induced Cardiomyopathy. <i>Journal of Cardiovascular Imaging</i> , <b>2017</b> , 25, 111-117	0	4

92	Differential Clinical Outcomes Between Angiographic Complete Versus Incomplete Coronary Revascularization, According to the Presence of Chronic Kidney Disease in the Drug-Eluting Stent Era. <i>Journal of the American Heart Association</i> , <b>2018</b> , 7,	6	4
91	Effect of Side Branch Predilation in Coronary Bifurcation Stenting With the Provisional Approach - Results From the COBIS (Coronary Bifurcation Stenting) II Registry. <i>Circulation Journal</i> , <b>2018</b> , 82, 1293-1301	3.9	4
90	Risk Prediction Model of In-hospital Mortality in Patients With Myocardial Infarction Treated With Venoarterial Extracorporeal Membrane Oxygenation. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2019</b> , 72, 724-731	0.7	4
89	Effect of sarpegrelate and high-dose statin on the reduction of coronary spasm in vasospastic angina: A two by two factorial, pilot randomized study. <i>Clinical Cardiology</i> , <b>2019</b> , 42, 899-907	3.3	4
88	Spirolactone lowers the rate of repeat revascularization in acute myocardial infarction patients treated with percutaneous coronary intervention. <i>American Heart Journal</i> , <b>2014</b> , 168, 346-353.e3	4.9	4
87	Is cardiac magnetic resonance necessary for prediction of left ventricular remodeling in patients with reperfused ST-segment elevation myocardial infarction?. <i>International Journal of Cardiovascular Imaging</i> , <b>2017</b> , 33, 2003-2012	2.5	4
86	Estrategia de tratamiento de lesiones en bifurcaci3n tratadas con ICP primaria en el contexto del IAMCEST. Registro COBIS II. <i>Revista Espanola De Cardiologia</i> , <b>2018</b> , 71, 811-819	1.5	4
85	Intravascular ultrasound or optical coherence tomography-defined anatomic severity and hemodynamic severity assessed by coronary physiologic indices. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2020</b> , 73, 812-821	0.7	4
84	Long-Term Clinical Outcomes of Nonhyperemic Pressure Ratios: Resting Full-Cycle Ratio, Diastolic Pressure Ratio, and Instantaneous Wave-Free Ratio. <i>Journal of the American Heart Association</i> , <b>2020</b> , 9, e016818	6	4
83	Borderline ankle-brachial index is associated with poor short-term clinical outcome after coronary artery intervention. <i>Atherosclerosis</i> , <b>2016</b> , 249, 186-90	3.1	4
82	Second-generation drug-eluting stenting versus coronary artery bypass grafting for treatment of coronary chronic total occlusion. <i>Journal of Cardiology</i> , <b>2019</b> , 73, 432-437	3	4
81	Modelo de predicci3n de riesgo de mortalidad hospitalaria para pacientes con infarto de miocardio tratados con oxigenador extracorp3neo de membrana venoarterial. <i>Revista Espanola De Cardiologia</i> , <b>2019</b> , 72, 724-731	1.5	4
80	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
79	Conservative versus aggressive treatment strategy with angiographic guidance alone in patients with intermediate coronary lesions: The SMART-CASE randomized, non-inferiority trial. <i>International Journal of Cardiology</i> , <b>2017</b> , 240, 114-119	3.2	3
78	Revascularization vs. Medical Therapy for Coronary Chronic Total Occlusions in Patients With Chronic Kidney Disease. <i>Circulation Journal</i> , <b>2018</b> , 82, 2136-2142	2.9	3
77	Effects of high-dose atorvastatin pretreatment in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention: a cardiac magnetic resonance study. <i>Journal of Korean Medical Science</i> , <b>2015</b> , 30, 435-41	4.7	3
76	Biodegradable polymer biolimus-eluting stent versus durable polymer everolimus-eluting stent in patients with acute myocardial infarction. <i>International Journal of Cardiology</i> , <b>2015</b> , 183, 190-7	3.2	3
75	Effects of 600 mg versus 300 mg loading dose of clopidogrel in Asian patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention: long-term follow-up study. <i>Yonsei Medical Journal</i> , <b>2012</b> , 53, 906-14	3	3

74	The Effects of Preoperative Aspirin on Coronary Artery Bypass Surgery: a Systematic Meta-Analysis. <i>Korean Circulation Journal</i> , <b>2019</b> , 49, 498-510	2.2	3
73	Mildly Elevated Cardiac Troponin below the 99th-Percentile Upper Reference Limit after Noncardiac Surgery. <i>Korean Circulation Journal</i> , <b>2020</b> , 50, 925-937	2.2	3
72	Two-stent techniques for coronary bifurcation lesions (main vessel first versus side branch first): results from the COBIS (COronary BIfurcation Stenting) II registry. <i>EuroIntervention</i> , <b>2017</b> , 13, 835-842	3.1	3
71	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
70	Multivessel percutaneous coronary intervention in patients with acute myocardial infarction and severe renal dysfunction. <i>EuroIntervention</i> , <b>2019</b> , 15, e1014-e1021	3.1	3
69	Gravedad de la enfermedad coronaria definida por ultrasonido intravascular o tomografía de coherencia óptica y su relación con los índices fisiológicos. <i>Revista Espanola De Cardiologia</i> , <b>2020</b> , 73, 812-821	1.5	3
68	The clinical impact of sex differences on ischemic postconditioning during primary percutaneous coronary intervention: a POST (the effects of postconditioning on myocardial reperfusion in patients with ST-segment elevation myocardial infarction) substudy. <i>Heart and Vessels</i> , <b>2019</b> , 34, 898-905	2.1	3
67	Safety of 3-Month Dual Antiplatelet Therapy After Implantation of Ultrathin Sirolimus-Eluting Stents With Biodegradable Polymer (Orsiro): Results From the SMART-CHOICE Trial. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e018366	6	3
66	Physiological Distribution and Local Severity of Coronary Artery Disease and Outcomes After Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 1771-1785	5	3
65	Prognostic Value of Admission Blood Glucose Level in Critically Ill Patients Admitted to Cardiac Intensive Care Unit according to the Presence or Absence of Diabetes Mellitus. <i>Journal of Korean Medical Science</i> , <b>2019</b> , 34, e70	4.7	2
64	Season and myocardial injury in patients with ST-segment elevation myocardial infarction: A cardiac magnetic resonance imaging study. <i>PLoS ONE</i> , <b>2019</b> , 14, e0211807	3.7	2
63	Differential effects of dual antiplatelet therapy in patients presented with acute coronary syndrome vs. stable ischaemic heart disease after coronary artery bypass grafting. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , <b>2021</b> , 7, 517-526	6.4	2
62	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
61	Clinical outcomes of biodegradable polymer biolimus-eluting BioMatrix stents versus durable polymer everolimus-eluting Xience stents. <i>PLoS ONE</i> , <b>2017</b> , 12, e0183079	3.7	2
60	Treatment Strategy for STEMI With Bifurcation Culprit Lesion Undergoing Primary PCI: The COBIS II Registry. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2018</b> , 71, 811-819	0.7	2
59	Risk Scoring System to Assess Outcomes in Patients Treated with Contemporary Guideline-Adherent Optimal Therapies after Acute Myocardial Infarction. <i>Korean Circulation Journal</i> , <b>2018</b> , 48, 492-504	2.2	2
58	The impact of side branch predilatation on procedural and long-term clinical outcomes in coronary bifurcation lesions treated by the provisional approach. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2014</b> , 67, 804-12	0.7	2
57	High Dose Atorvastatin Pretreatment for Preventing Contrast-Induced Nephropathy in Patients Receiving Primary Percutaneous Coronary Intervention: Prespecified Substudy of a Prospective Randomized Clinical Trial. <i>American Journal of Cardiology</i> , <b>2013</b> , 111, 95B-96B	3	2

56	Adjunctive cilostazol versus high maintenance dose of clopidogrel in patients with hyporesponsiveness to chronic clopidogrel therapy. <i>Yonsei Medical Journal</i> , <b>2013</b> , 54, 34-40	3	2
55	Clinical Significance of Serum Lactate in Acute Myocardial Infarction: A Cardiac Magnetic Resonance Imaging Study. <i>Journal of Clinical Medicine</i> , <b>2021</b> , 10,	5.1	2
54	Modified residual SYNTAX score and clinical outcomes in patients with multivessel disease undergoing percutaneous coronary intervention. <i>EuroIntervention</i> , <b>2017</b> , 13, 87-96	3.1	2
53	Preoperative cardiac troponin below the 99th-percentile upper reference limit and 30-day mortality after noncardiac surgery. <i>Scientific Reports</i> , <b>2020</b> , 10, 17007	4.9	2
52	The Impact of Renal Dysfunction on the Long Term Clinical Outcomes of Diabetic Patients Undergoing Percutaneous Coronary Intervention in the Drug-Eluting Stent Era. <i>PLoS ONE</i> , <b>2016</b> , 11, e0147846	2.7	2
51	TCT-183 Deferred versus Conventional stent implantation in patients with acute ST-segment elevation myocardial infarction: an updated meta-analysis of 10 Studies. <i>Journal of the American College of Cardiology</i> , <b>2016</b> , 68, B75	15.1	2
50	Differential Prognostic Implications of Vasoactive Inotropic Score for Patients With Acute Myocardial Infarction Complicated by Cardiogenic Shock According to Use of Mechanical Circulatory Support. <i>Critical Care Medicine</i> , <b>2021</b> , 49, 770-780	1.4	2
49	Functional Coronary Angiography-Derived Index of Microcirculatory Resistance in Patients With ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 1670-1684	5	2
48	Comparison of Current and Novel ECG-Independent Algorithms for Resting Pressure Derived Physiologic Indices. <i>IEEE Access</i> , <b>2019</b> , 7, 144313-144323	3.5	1
47	Significado clínico de los cambios recíprocos del segmento ST en pacientes con IAMCEST: estudio de imagen con resonancia magnética cardíaca. <i>Revista Espanola De Cardiología</i> , <b>2019</b> , 72, 120-129	1.5	1
46	Blood Pressure at 6 Months After Acute Myocardial Infarction and Outcomes at 2 Years: The Perils Associated With Excessively Low Blood Pressures. <i>Canadian Journal of Cardiology</i> , <b>2020</b> , 36, 1641-1648	3.8	1
45	Prognostic Implications of Diastolic Dysfunction Change in Patients With Coronary Artery Disease Undergoing Percutaneous Coronary Intervention. <i>Circulation Journal</i> , <b>2019</b> , 83, 1891-1900	2.9	1
44	Response to letters regarding article, "Ischemic postconditioning during primary percutaneous coronary intervention: the effects of postconditioning on myocardial reperfusion in patients with ST-segment elevation myocardial infarction (POST) randomized trial". <i>Circulation</i> , <b>2014</b> , 130, e54-5	16.7	1
43	Gender differences in clinical outcomes after percutaneous coronary interventions with zotarolimus-eluting stents: insights from the Korean Endeavor Registry. <i>American Journal of the Medical Sciences</i> , <b>2013</b> , 346, 479-85	2.2	1
42	Comparison of Exercise Performance and Clinical Outcome Between Functional Complete and Incomplete Revascularization. <i>Korean Circulation Journal</i> , <b>2020</b> , 50, 406-417	2.2	1
41	Predictors of Survival to Discharge After Successful Weaning From Venoarterial Extracorporeal Membrane Oxygenation in Patients With Cardiogenic Shock. <i>Circulation Journal</i> , <b>2020</b> , 84, 2205-2211	2.9	1
40	Long-Term Outcomes in Patients Undergoing Percutaneous Coronary Intervention with or without Preprocedural Exercise Stress Test. <i>Journal of Korean Medical Science</i> , <b>2020</b> , 35, e3	4.7	1
39	Response by Choi et al to Letter Regarding Article, "Clinical Usefulness of PRECISE-DAPT Score for Predicting Bleeding Events in Patients With Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention: An Analysis From the SMART-DATE Randomized Trial". <i>Circulation: Cardiovascular Interventions</i> , <b>2020</b> , 13, e009615	6	1

38	P2Y12 inhibitor monotherapy after coronary stenting according to type of P2Y12 inhibitor. <i>Heart</i> , <b>2021</b> ,	5.1	1
37	Clinical Characteristics and Predictors of In-Hospital Mortality in Patients With Cardiogenic Shock: Results From the RESCUE Registry. <i>Circulation: Heart Failure</i> , <b>2021</b> , 14, e008141	7.6	1
36	Differential effect of side branch intervention on long-term clinical outcomes according to side branch stenosis after main vessel stenting: Results from the COBIS (Coronary Bifurcation Stenting) Registry II. <i>International Journal of Cardiology</i> , <b>2016</b> , 221, 471-7	3.2	1
35	Impact of Chronic Total Coronary Occlusion Location on Long-term Survival After Percutaneous Coronary Intervention. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2019</b> , 72, 717-723	0.7	1
34	Clinical Significance of Reciprocal ST-segment Changes in Patients With STEMI: A Cardiac Magnetic Resonance Imaging Study. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2019</b> , 72, 120-129	0.7	1
33	Impact of Natural Mild Hypothermia in the Early Phase of ST-Elevation Myocardial Infarction: Cardiac Magnetic Resonance Imaging Study. <i>Journal of Cardiovascular Imaging</i> , <b>2018</b> , 26, 175-185	1.3	1
32	Safety of endobronchial ultrasound-guided transbronchial needle aspiration in patients with lung cancer within a year after percutaneous coronary intervention. <i>Thoracic Cancer</i> , <b>2018</b> , 9, 1390-1397	3.2	1
31	A randomised comparison of coronary stents according to short or prolonged durations of dual antiplatelet therapy in patients with acute coronary syndromes: a pre-specified analysis of the SMART-DATE trial. <i>EuroIntervention</i> , <b>2021</b> , 17, e411-e417	3.1	1
30	P2Y12 inhibitor monotherapy in complex percutaneous coronary intervention: A post-hoc analysis of SMART-CHOICE randomized clinical trial. <i>Cardiology Journal</i> , <b>2021</b> ,	1.4	1
29	Clinical and Prognostic Impact From Objective Analysis of Post-Angioplasty Fractional Flow Reserve Pullback. <i>JACC: Cardiovascular Interventions</i> , <b>2021</b> , 14, 1888-1900	5	1
28	Long-term Outcomes of Clopidogrel Monotherapy versus Prolonged Dual Antiplatelet Therapy beyond 12 Months after Percutaneous Coronary Intervention in High-risk Patients. <i>Journal of Korean Medical Science</i> , <b>2021</b> , 36, e106	4.7	1
27	Clopidogrel monotherapy in patients with and without on-treatment high platelet reactivity: a SMART-CHOICE substudy. <i>EuroIntervention</i> , <b>2021</b> , 17, e888-e897	3.1	1
26	Estrategia ptima para el tratamiento de lesiones en bifurcaci3n del tronco coronario izquierdo. <i>Revista Espanola De Cardiologia</i> , <b>2020</b> , 74, 691-691	1.5	0
25	Intravascular Ultrasound <b>2013</b> , 325-348		0
24	Duration of dual antiplatelet therapy after myocardial infarction: Insights from a pooled database of the SMART-DATE and DAPT-STEMI trials. <i>Atherosclerosis</i> , <b>2020</b> , 315, 55-61	3.1	0
23	Heart failure with mid-range ejection fraction and the effect of bblockers after acute myocardial infarction. <i>Heart and Vessels</i> , <b>2021</b> , 36, 1848-1855	2.1	0
22	Impacto de la localizaci3n de la oclusi3n coronaria cr3nica total en la supervivencia a largo plazo tras intervenci3n coronaria percut3nea. <i>Revista Espanola De Cardiologia</i> , <b>2019</b> , 72, 717-723	1.5	0
21	Residual functional SYNTAX score by quantitative flow ratio and improvement of exercise capacity after revascularization. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 97, E454-E466	2.7	0

20	Differential clinical impact of chronic total occlusion revascularization based on left ventricular systolic function. <i>Clinical Research in Cardiology</i> , <b>2021</b> , 110, 237-248	6.1	o
19	Long-term Survival Benefit of Statin in Patients with Coronary Chronic Total Occlusion without Revascularization. <i>Journal of Korean Medical Science</i> , <b>2018</b> , 33, e134	4.7	o
18	P2Y12 Inhibitor Monotherapy Versus Conventional Dual Antiplatelet Therapy or Aspirin Monotherapy in Acute Coronary Syndrome: A Pooled Analysis of the SMART-DATE and SMART-CHOICE Trials. <i>American Journal of Cardiology</i> , <b>2021</b> , 150, 47-54	3	o
17	Coronary Microcirculatory Dysfunction and Acute Cellular Rejection After Heart Transplantation. <i>Circulation</i> , <b>2021</b> , 144, 1459-1472	16.7	o
16	Ten-Year Trends in Coronary Bifurcation Percutaneous Coronary Intervention: Prognostic Effects of Patient and Lesion Characteristics, Devices, and Techniques. <i>Journal of the American Heart Association</i> , <b>2021</b> , 10, e021632	6	o
15	Use of intravascular ultrasound and long-term cardiac death or myocardial infarction in patients receiving current generation drug-eluting stents.. <i>Scientific Reports</i> , <b>2022</b> , 12, 8237	4.9	o
14	Reply: Complex Lesion PCI: Is the Risk of Cardiac Mortality Higher Than That of Revascularization?. <i>JACC: Cardiovascular Interventions</i> , <b>2019</b> , 12, 1516-1517	5	
13	Association Between Body Mass Index and Mortality in Patients Requiring Cardiac Critical Care. <i>Circulation Journal</i> , <b>2019</b> , 83, 743-748	2.9	
12	Reply: Coronary Occlusion and Ischemia Reduction. <i>JACC: Cardiovascular Interventions</i> , <b>2015</b> , 8, 1129-1130		
11	Association of Blocker therapy with long-term clinical outcomes in patients with coronary chronic total occlusion. <i>Medicine (United States)</i> , <b>2016</b> , 95, e4300	1.8	
10	Differential Prognostic Impact of Off-Hours for Patients With Acute Myocardial Infarction Complicated by Cardiogenic Shock <b>2022</b> , 1, 7		
9	Clinical Implications of Early Exercise Treadmill Testing after Percutaneous Coronary Intervention in the Drug-eluting Stent Era. <i>Journal of Korean Medical Science</i> , <b>2020</b> , 35, e229	4.7	
8	Reply: Revascularization Strategies in Patients With Acute MI and Cardiogenic Shock. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 2986-2987	15.1	
7	Comparison of fractional myocardial mass, a vessel-specific myocardial mass-at-risk, with coronary angiographic scoring systems for predicting myocardial ischemia. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2020</b> , 14, 322-329	2.8	
6	Optimal strategy for side branch treatment in patients with left main coronary bifurcation lesions. <i>Revista Espanola De Cardiologia (English Ed)</i> , <b>2021</b> , 74, 691-699	0.7	
5	Effects of Prolonged Dual Antiplatelet Therapy in ST-Segment Elevation vs. Non-ST-Segment Elevation Myocardial Infarction. <i>Circulation Journal</i> , <b>2021</b> , 85, 817-825	2.9	
4	Differential Long-Term Effects of First- and Second-Generation DES in Patients With Bifurcation Lesions Undergoing PCI. <i>JACC Asia</i> , <b>2021</b> , 1, 68-79		
3	Sex difference in long-term clinical outcomes after percutaneous coronary intervention: A propensity-matched analysis of National Health Insurance data in Republic of Korea. <i>Catheterization and Cardiovascular Interventions</i> , <b>2021</b> , 98, E171-E180	2.7	



2 The Authors Respond. *Epidemiology*, **2018**, 29, e60-e61 3.1

1 Moderate-Intensity Statins Plus Ezetimibe vs. High-Intensity Statins After Coronary Revascularization: A Cohort Study. *Cardiovascular Drugs and Therapy*, **2021**, 1 3.9