

Joo Myung Lee

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227
papers

3,629
citations

33
h-index

52
g-index

240
ext. papers

5,127
ext. citations

4.6
avg, IF

5.12
L-index

#	Paper	IF	Citations
227	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> , 2019 , 321, 2428-2437	27.4	260
226	Coronary Flow Reserve and Microcirculatory Resistance in Patients With Intermediate Coronary Stenosis. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1158-1169	15.1	175
225	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> , 2018 , 391, 1274-1284	40	165
224	The efficacy and safety of prone positional ventilation in acute respiratory distress syndrome: updated study-level meta-analysis of 11 randomized controlled trials. <i>Critical Care Medicine</i> , 2014 , 42, 1252-62	1.4	111
223	Assessment of diffuse myocardial fibrosis by using MR imaging in asymptomatic patients with aortic stenosis. <i>Radiology</i> , 2015 , 274, 359-69	20.5	96
222	Identification of High-Risk Plaques Destined to Cause Acute Coronary Syndrome Using Coronary Computed Tomographic Angiography and Computational Fluid Dynamics. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 1032-1043	8.4	84
221	Diabetes mellitus as an independent risk factor for lung cancer: a meta-analysis of observational studies. <i>European Journal of Cancer</i> , 2013 , 49, 2411-23	7.5	83
220	Comparison among drug-eluting balloon, drug-eluting stent, and plain balloon angioplasty for the treatment of in-stent restenosis: a network meta-analysis of 11 randomized, controlled trials. <i>JACC: Cardiovascular Interventions</i> , 2015 , 8, 382-394	5	72
219	Coronary Artery Axial Plaque Stress and its Relationship With Lesion Geometry: Application of Computational Fluid Dynamics to Coronary CT Angiography. <i>JACC: Cardiovascular Imaging</i> , 2015 , 8, 1156-1166	8.4	67
218	Impact of Intravascular Ultrasound-Guided Percutaneous Coronary Intervention on Long-Term Clinical Outcomes in Patients Undergoing Complex Procedures. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 607-620	5	64
217	Diagnostic Performance of Resting and Hyperemic Invasive Physiological Indices to Define Myocardial Ischemia: Validation With N-Ammonia Positron Emission Tomography. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 751-760	5	63
216	Comparison of endothelialization and neointimal formation with stents coated with antibodies against CD34 and vascular endothelial-cadherin. <i>Biomaterials</i> , 2012 , 33, 8917-27	15.6	61
215	Influence of Microcirculatory Dysfunction on Angiography-Based Functional Assessment of Coronary Stenoses. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 741-753	5	59
214	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
213	Left ventricular thrombus and subsequent thromboembolism, comparison of anticoagulation, surgical removal, and antiplatelet agents. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013 , 20, 73-93	4	58
212	Integrated Myocardial Perfusion Imaging Diagnostics Improve Detection of Functionally Significant Coronary Artery Stenosis by 13N-ammonia Positron Emission Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	58
211	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> , 2019 , 8, e012188	6	57

210	Identification of invasive and radionuclide imaging markers of coronary plaque vulnerability using radiomic analysis of coronary computed tomography angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 1250-1258	4.1	57
209	Everolimus-eluting Xience v/Promus versus zotarolimus-eluting resolute stents in patients with diabetes mellitus. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 471-81	5	48
208	Chronic Kidney Disease in the Second-Generation Drug-Eluting Stent Era: Pooled Analysis of the Korean Multicenter Drug-Eluting Stent Registry. <i>JACC: Cardiovascular Interventions</i> , 2016 , 9, 2097-2109	5	48
207	Multivessel Percutaneous Coronary Intervention in Patients With ST-Segment Elevation Myocardial Infarction With Cardiogenic Shock. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 844-856	15.1	46
206	Physiological and Clinical Assessment of Resting Physiological Indexes. <i>Circulation</i> , 2019 , 139, 889-900	16.7	46
205	Prognostic Implications of Plaque Characteristics and Stenosis Severity in Patients With Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 2413-2424	15.1	45
204	Clinical implications of three-vessel fractional flow reserve measurement in patients with coronary artery disease. <i>European Heart Journal</i> , 2018 , 39, 945-951	9.5	44
203	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> , 2019 , 72, 40-47	1.5	44
202	Safety and efficacy of second-generation everolimus-eluting Xience V stents versus zotarolimus-eluting resolute stents in real-world practice: patient-related and stent-related outcomes from the multicenter prospective EXCELLENT and RESOLUTE-Korea registries. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 536-44	15.1	43
201	Clinical Relevance of F-Sodium Fluoride Positron-Emission Tomography in Noninvasive Identification of High-Risk Plaque in Patients With Coronary Artery Disease. <i>Circulation: Cardiovascular Imaging</i> , 2017 , 10,	3.9	41
200	Similarity and Difference of Resting Distal to Aortic Coronary Pressure and Instantaneous Wave-Free Ratio. <i>Journal of the American College of Cardiology</i> , 2017 , 70, 2114-2123	15.1	39
199	Identification of Coronary Artery Side Branch Supplying Myocardial Mass That May Benefit From Revascularization. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 571-581	5	36
198	Discrepancy between fractional flow reserve and instantaneous wave-free ratio: Clinical and angiographic characteristics. <i>International Journal of Cardiology</i> , 2017 , 245, 63-68	3.2	36
197	Prognostic Implications of Relative Increase and Final Fractional Flow Reserve in Patients With Stent Implantation. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 2099-2109	5	36
196	Exploring Coronary Circulatory Response to Stenosis and Its Association With Invasive Physiologic Indexes Using Absolute Myocardial Blood Flow and Coronary Pressure. <i>Circulation</i> , 2017 , 136, 1798-1808	16.7	33
195	Clinical Outcomes According to Fractional Flow Reserve or Instantaneous Wave-Free Ratio in Deferred Lesions. <i>JACC: Cardiovascular Interventions</i> , 2017 , 10, 2502-2510	5	33
194	Prognostic Implication of Thermodilution Coronary Flow Reserve in Patients Undergoing Fractional Flow Reserve Measurement. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1423-1433	5	31
193	Prognostic Implication of Functional Incomplete Revascularization and Residual Functional SYNTAX Score in Patients With Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 237-245	5	28

192	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> , 2018 , 11, 717-724	5	27
191	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> , 2015 , 8, 1318-1331	5	25
190	Impact of Longitudinal Lesion Geometry on Location of Plaque Rupture and Clinical Presentations. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 677-688	8.4	25
189	Physiologic Characteristics and Clinical Outcomes of Patients With Discordance Between FFR and iFR. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 2018-2031	5	23
188	Diagnostic Agreement of Quantitative Flow Ratio With Fractional Flow Reserve and Instantaneous Wave-Free Ratio. <i>Journal of the American Heart Association</i> , 2019 , 8, e011605	6	23
187	Prognosis of deferred non-culprit lesions according to fractional flow reserve in patients with acute coronary syndrome. <i>EuroIntervention</i> , 2017 , 13, e1112-e1119	3.1	23
186	Neurologic Outcomes in Patients Who Undergo Extracorporeal Cardiopulmonary Resuscitation. <i>Annals of Thoracic Surgery</i> , 2019 , 108, 749-755	2.7	21
185	Myocardial fibrosis progression on cardiac magnetic resonance in hypertrophic cardiomyopathy. <i>Heart</i> , 2015 , 101, 870-6	5.1	21
184	Addition of Hyperbaric Oxygen Therapy vs Medical Therapy Alone for Idiopathic Sudden Sensorineural Hearing Loss: A Systematic Review and Meta-analysis. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2018 , 144, 1153-1161	3.9	21
183	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> , 2018 , 121, 1505-1511	3	20
182	Three-year patient-related and stent-related outcomes of second-generation everolimus-eluting Xience V stents versus zotarolimus-eluting resolute stents in real-world practice (from the Multicenter Prospective EXCELLENT and RESOLUTE-Korea Registries). <i>American Journal of Cardiology</i> , 2014 , 114, 1329-38	3	20
181	Long-Term Clinical Outcomes of Fractional Flow Reserve-Guided Versus Routine Drug-Eluting Stent Implantation in Patients With Intermediate Coronary Stenosis: Five-Year Clinical Outcomes of DEFER-DES Trial. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8, e002442	6	20
180	Fractional Flow Reserve and Instantaneous Wave-Free Ratio for Nonculprit Stenosis in Patients With Acute Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 1848-1858	5	20
179	Physiologic mechanism of discordance between instantaneous wave-free ratio and fractional flow reserve: Insight from N-ammonium positron emission tomography. <i>International Journal of Cardiology</i> , 2017 , 243, 91-94	3.2	19
178	5-Year Outcomes According to FFR of Left Circumflex Coronary Artery After Left Main Crossover Stenting. <i>JACC: Cardiovascular Interventions</i> , 2019 , 12, 847-855	5	19
177	Efficacy of short-term high-dose statin pretreatment in prevention of contrast-induced acute kidney injury: updated study-level meta-analysis of 13 randomized controlled trials. <i>PLoS ONE</i> , 2014 , 9, e111397	3.7	19
176	The impact of renin-angiotensin-aldosterone system blockade on contrast-induced nephropathy: a meta-analysis of 12 studies with 4,493 patients. <i>Cardiology</i> , 2015 , 130, 4-14	1.6	18
175	Angiographic outcomes of Orsiro biodegradable polymer sirolimus-eluting stents and Resolute Integrity durable polymer zotarolimus-eluting stents: results of the ORIENT trial. <i>EuroIntervention</i> , 2017 , 12, 1623-1631	3.1	18

174	Influence of target vessel on prognostic relevance of fractional flow reserve after coronary stenting. <i>EuroIntervention</i> , 2019 , 15, 457-464	3.1	18
173	The effects of erythropoiesis stimulating therapy for anemia in chronic heart failure: A meta-analysis of randomized clinical trials. <i>International Journal of Cardiology</i> , 2016 , 218, 12-22	3.2	18
172	Prognostic Impact of β Blocker Dose After Acute Myocardial Infarction. <i>Circulation Journal</i> , 2019 , 83, 410-417	2.9	18
171	The efficacy and safety of mechanical hemodynamic support in patients undergoing high-risk percutaneous coronary intervention with or without cardiogenic shock: Bayesian approach network meta-analysis of 13 randomized controlled trials. <i>International Journal of Cardiology</i> , 2015 , 184, 36-46	3.2	17
170	Role of Post-Stent Physiological Assessment in a Risk Prediction Model After Coronary Stent Implantation. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1639-1650	5	17
169	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> , 2017 , 6,	6	16
168	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> , 2017 , 230, 181-190	3.2	16
167	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> , 2019 , 83, 2210-2221	2.9	16
166	Discrepancies in Left Ventricular Mass Calculation Based on Echocardiography and Cardiovascular Magnetic Resonance Measurements in Patients with Left Ventricular Hypertrophy. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 1194-1203, e2	5.8	16
165	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> , 2016 , 9, 1879-86	5	16
164	Functional Approach for Coronary Artery Disease: Filling the Gap Between Evidence and Practice. <i>Korean Circulation Journal</i> , 2018 , 48, 179-190	2.2	16
163	Safety and efficacy of intracoronary nicorandil as hyperaemic agent for invasive physiological assessment: a patient-level pooled analysis. <i>EuroIntervention</i> , 2016 , 12, e208-15	3.1	16
162	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> , 2019 , 72, 40-47	0.7	16
161	Impact of Cannula Size on Clinical Outcomes in Peripheral Venoarterial Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2019 , 65, 573-579	3.6	15
160	Effects of Statin Intensity on Clinical Outcome in Acute Myocardial Infarction Patients. <i>Circulation Journal</i> , 2018 , 82, 1112-1120	2.9	15
159	Impact of Optimized Procedure-Related Factors in Drug-Eluting Balloon Angioplasty for Treatment of In-Stent Restenosis. <i>JACC: Cardiovascular Interventions</i> , 2018 , 11, 969-978	5	15
158	Gender difference in ventricular response to aortic stenosis: insight from cardiovascular magnetic resonance. <i>PLoS ONE</i> , 2015 , 10, e0121684	3.7	14
157	The differential neurologic prognosis of low-flow time according to the initial rhythm in patients who undergo extracorporeal cardiopulmonary resuscitation. <i>Resuscitation</i> , 2020 , 148, 121-127	4	13

156	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
155	Three-Vessel Assessment of Coronary Microvascular Dysfunction in Patients With Clinical Suspicion of Ischemia: Prospective Observational Study With the Index of Microcirculatory Resistance. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	13
154	Acute coronary stent thrombosis in cancer patients: a case series report. <i>Korean Circulation Journal</i> , 2012 , 42, 487-91	2.2	13
153	Prognostic Implications of Post-Intervention Resting Pd/Pa and Fractional Flow Reserve in Patients With Stent Implantation. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1920-1933	5	13
152	Pharmacological and Mechanical Thromboprophylaxis in Critically Ill Patients: a Network Meta-Analysis of 12 Trials. <i>Journal of Korean Medical Science</i> , 2016 , 31, 1828-1837	4.7	13
151	Long-term β -blocker therapy and clinical outcomes after acute myocardial infarction in patients without heart failure: nationwide cohort study. <i>European Heart Journal</i> , 2020 , 41, 3521-3529	9.5	12
150	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
149	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
148	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> , 2019 , 9, 9646	4.9	12
147	Percutaneous Coronary Intervention at Centers With and Without On-Site Surgical Backup: An Updated Meta-Analysis of 23 Studies. <i>Circulation</i> , 2015 , 132, 388-401	16.7	11
146	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
145	Predictors and Long-Term Clinical Outcome of Longitudinal Stent Deformation: Insights From Pooled Analysis of Korean Multicenter Drug-Eluting Stent Cohort. <i>Circulation: Cardiovascular Interventions</i> , 2017 , 10,	6	11
144	Three-year clinical outcome of biodegradable hybrid polymer Orsiro sirolimus-eluting stent and the durable biocompatible polymer Resolute Integrity zotarolimus-eluting stent: A randomized controlled trial. <i>Catheterization and Cardiovascular Interventions</i> , 2020 , 96, 1399-1406	2.7	11
143	Automated Algorithm Using Pre-Intervention Fractional Flow Reserve Pullback Curve to Predict Post-Intervention Physiological Results. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 2670-2684	5	11
142	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> , 2018 , 7, e009517	6	11
141	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
140	Relevance of anatomical, plaque, and hemodynamic characteristics of non-obstructive coronary lesions in the prediction of risk for acute coronary syndrome. <i>European Radiology</i> , 2019 , 29, 6119-6128	8	10
139	Stenting of coronary bifurcation lesions: a literature and technical review. <i>Current Cardiology Reports</i> , 2015 , 17, 45	4.2	10

138	Optimal Timing of Venoarterial-Extracorporeal Membrane Oxygenation in Acute Myocardial Infarction Patients Suffering From Refractory Cardiogenic Shock. <i>Circulation Journal</i> , 2020 , 84, 1502-1510 ^{2,9}	10.9	10
137	Echocardiographic Predictors for Left Ventricular Remodeling after Acute ST Elevation Myocardial Infarction with Low Risk Group: Speckle Tracking Analysis. <i>Journal of Cardiovascular Imaging</i> , 2016 , 24, 128-34	0	10
136	Prognostic value of computed tomography score in patients after extracorporeal cardiopulmonary resuscitation. <i>Critical Care</i> , 2018 , 22, 323	10.8	10
135	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> , 2020 , 13, e008530	6	9
134	Paclitaxel-coated balloon treatment for functionally nonsignificant residual coronary lesions after balloon angioplasty. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 1339-1347	2.5	9
133	Candidates and major determinants for endovascular repair of abdominal aortic aneurysms in Korean patients. <i>Heart and Vessels</i> , 2013 , 28, 215-21	2.1	9
132	Influence of Sex on Relationship Between Total Anatomical and Physiologic Disease Burdens and Their Prognostic Implications in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2019 , 8, e011002	6	8
131	Non-hyperaemic coronary pressure measurements to guide coronary interventions. <i>Nature Reviews Cardiology</i> , 2020 , 17, 629-640	14.8	8
130	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> , 2020 , 13, e008543	6	8
129	Clinical Outcomes of Deferred Lesions With Angiographically Insignificant Stenosis But Low Fractional Flow Reserve. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	8
128	Impact of perioperative renal dysfunction in heart transplantation: combined heart and kidney transplantation could help to reduce postoperative mortality. <i>Annals of Transplantation</i> , 2013 , 18, 533-49 ⁴	4.4	8
127	Prognostic Impact of Residual Anatomic Disease Burden After Functionally Complete Revascularization. <i>Circulation: Cardiovascular Interventions</i> , 2020 , 13, e009232	6	8
126	Vessel-specific quantification of absolute myocardial blood flow, myocardial flow reserve and relative flow reserve by means of fused dynamic NH PET and CCTA: Ranges in a low-risk population and abnormality criteria. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 1756-1769	2.1	8
125	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> , 2017 , 230, 509-517	3.2	7
124	Clinical Relevance of Functionally Insignificant Moderate Coronary Artery Stenosis Assessed by 3-Vessel Fractional Flow Reserve Measurement. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	7
123	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> , 2018 , 199, 7-12	4.9	7
122	Peritoneal lymphomatosis confounded by prior history of colon cancer: a case report. <i>BMC Cancer</i> , 2011 , 11, 276	4.8	7
121	The Proximal Optimization Technique Improves Clinical Outcomes When Treated without Kissing Ballooning in Patients with a Bifurcation Lesion. <i>Korean Circulation Journal</i> , 2019 , 49, 485-494	2.2	7

120	Physiologic Assessment of Coronary Artery Disease: Focus on Fractional Flow Reserve. <i>Korean Journal of Radiology</i> , 2016 , 17, 307-20	6.9	7
119	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
118	Prospective randomized trial of paclitaxel-coated balloon versus bare-metal stent in high bleeding risk patients with de novo coronary artery lesions. <i>Coronary Artery Disease</i> , 2019 , 30, 425-431	1.4	7
117	Practical guidance for P2Y12 inhibitors in acute myocardial infarction undergoing percutaneous coronary intervention. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2021 , 7, 112-124	6.4	7
116	Plaque modification and stabilization after paclitaxel-coated balloon treatment for de novo coronary lesions. <i>Heart and Vessels</i> , 2019 , 34, 1113-1121	2.1	6
115	Rationale and design of the quantification of myocardial blood flow using dynamic PET/CTA-fused imagery (DEMYSTIFY) to determine physiological significance of specific coronary lesions. <i>Journal of Nuclear Cardiology</i> , 2020 , 27, 1030-1039	2.1	6
114	Non-invasive coronary physiology based on computational analysis of intracoronary transluminal attenuation gradient. <i>Scientific Reports</i> , 2018 , 8, 4692	4.9	6
113	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> , 2018 , 197, 77-84	4.9	6
112	Second-generation drug-eluting stents versus drug-coated balloons for the treatment of coronary in-stent restenosis: A systematic review and meta-analysis. <i>Catheterization and Cardiovascular Interventions</i> , 2018 , 92, 285-299	2.7	6
111	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> , 2018 , 122, 705-711	3	6
110	Comparison of 9-month angiographic outcomes of Resolute zotarolimus-eluting and everolimus-eluting stents in a real world setting of coronary intervention in Korea. <i>BMC Cardiovascular Disorders</i> , 2013 , 13, 65	2.3	6
109	Harmonizing Optimal Strategy for Treatment of coronary artery diseases--comparison of REDUCTION of prasugrEl dose or POLYmer TECHnology in ACS patients (HOST-REDUCE-POLYTECH-ACS RCT): study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 100	2.8	6
108	Coronary fractional flow reserve in bifurcation stenoses: what have we learned?. <i>EuroIntervention</i> , 2015 , 11 Suppl V, V59-63	3.1	6
107	Functional coronary angiography in symptomatic patients with no obstructive coronary artery disease. <i>Catheterization and Cardiovascular Interventions</i> , 2021 , 98, 827-835	2.7	6
106	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> , 2021 , 10, e019022	6	6
105	Efficacy and safety of dual antiplatelet therapy after coronary stenting in patients with chronic kidney disease. <i>American Heart Journal</i> , 2018 , 197, 103-112	4.9	6
104	Comparison of long-term clinical outcomes between revascularization versus medical treatment in patients with silent myocardial ischemia. <i>International Journal of Cardiology</i> , 2019 , 277, 47-53	3.2	5
103	Angiographic and clinical comparison of novel Orsiro Hybrid sirolimus-eluting stents and Resolute Integrity zotarolimus-eluting stents in all-comers with coronary artery disease (ORIENT trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2013 , 14, 398	2.8	5

102	Multidisciplinary team approach in acute myocardial infarction patients undergoing veno-arterial extracorporeal membrane oxygenation. <i>Annals of Intensive Care</i> , 2020 , 10, 83	8.9	5
101	Pre-hospital delay and emergency medical services in acute myocardial infarction. <i>Korean Journal of Internal Medicine</i> , 2020 , 35, 119-132	2.5	5
100	Consensus document for invasive coronary physiologic assessment in Asia-Pacific countries. <i>Cardiology Journal</i> , 2019 , 26, 215-225	1.4	5
99	CT Angiographic and Plaque Predictors of Functionally Significant Coronary Disease and Outcome Using Machine Learning. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 629-641	8.4	5
98	Effect of Sex Difference of Coronary Microvascular Dysfunction on Long-Term Outcomes in Deferred Lesions. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 1669-1679	5	4
97	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> , 2018 , 7,	6	4
96	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> , 2018 , 82, 1293-1301	3.9	4
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