

Eun-Seok Shin

List of Publications by Year in descending order

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146
papers

4,793
citations

109321

35
h-index

114465

63
g-index

151
all docs

151
docs citations

151
times ranked

4199
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Prognostic Implications of Pre- and Post-Stent Fractional Flow Reserve in Patients Undergoing Percutaneous Coronary Intervention. <i>Korean Circulation Journal</i> , 2022, 52, 47.	1.9	3
2	Sex-specific difference of in-hospital mortality from COVID-19 in South Korea. <i>PLoS ONE</i> , 2022, 17, e0262861.	2.5	8
3	Association between patient age, microcirculation, and coronary stenosis assessment with fractional flow reserve and instantaneous wave-free ratio. <i>Catheterization and Cardiovascular Interventions</i> , 2022, 99, 1104-1114.	1.7	3
4	Clinical Results of Drug-Coated Balloon Treatment in a Large-Scale Multicenter Korean Registry Study. <i>Korean Circulation Journal</i> , 2022, 52, .	1.9	3
5	Rationale and design for comparison of non-compliant balloon with drug-coating balloon angioplasty for side branch after provisional stenting for patients with true coronary bifurcation lesions: a prospective, multicentre and randomised DCB-BIF trial. <i>BMJ Open</i> , 2022, 12, e052788.	1.9	4
6	The Clinical Impact of β -Blocker Therapy on Patients With Chronic Coronary Artery Disease After Percutaneous Coronary Intervention. <i>Korean Circulation Journal</i> , 2022, 52, 544.	1.9	2
7	Clinical Outcomes of Drug-Coated Balloon Treatment After Successful Revascularization of de novo Chronic Total Occlusions. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 821380.	2.4	9
8	Platelet Function and Genotype after DES Implantation in East Asian Patients: Rationale and Characteristics of the PTRG-DES Consortium. <i>Yonsei Medical Journal</i> , 2022, 63, 413.	2.2	13
9	Differential Prognostic Value of Revascularization for Coronary Stenosis With Intermediate FFR by Coronary Flow Reserve. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 1033-1043.	2.9	3
10	Clinical Relevance of Ischemia with Nonobstructive Coronary Arteries According to Coronary Microvascular Dysfunction. <i>Journal of the American Heart Association</i> , 2022, 11, e025171.	3.7	19
11	Target Low-Density Lipoprotein-Cholesterol and Secondary Prevention for Patients with Acute Myocardial Infarction: A Korean Nationwide Cohort Study. <i>Journal of Clinical Medicine</i> , 2022, 11, 2650.	2.4	2
12	Combined Assessment of FFR and CFR for Decision Making in Coronary Revascularization. <i>JACC: Cardiovascular Interventions</i> , 2022, 15, 1047-1056.	2.9	10
13	Differential Impact of Coronary Revascularization on Long-Term Clinical Outcome According to Coronary Flow Characteristics: Analysis of the International ILIAS Registry. <i>Circulation: Cardiovascular Interventions</i> , 2022, 15, .	3.9	1
14	Prognostic implications of coronary physiological indices in patients with diabetes mellitus. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021, 74, 682-690.	0.6	2
15	Residual functional SYNTAX score by quantitative flow ratio and improvement of exercise capacity after revascularization. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, E454-E466.	1.7	2
16	The East Asian Paradox: An Updated Position Statement on the Challenges to the Current Antithrombotic Strategy in Patients with Cardiovascular Disease. <i>Thrombosis and Haemostasis</i> , 2021, 121, 422-432.	3.4	149
17	Pharmacodynamic Profile and Prevalence of Bleeding Episode in East Asian Patients with Acute Coronary Syndromes Treated with Prasugrel Standard-Dose versus De-escalation Strategy: A Randomized A-MATCH Trial. <i>Thrombosis and Haemostasis</i> , 2021, 121, 1376-1386.	3.4	19
18	Comparison of clinical outcomes between multiple antithrombotic therapy versus left atrial appendage occlusion with dual antiplatelet therapy in patients with atrial fibrillation undergoing drug-eluting stent implantation. <i>PLoS ONE</i> , 2021, 16, e0244723.	2.5	2

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19	A Clinical Risk Score to Predict In-hospital Mortality from COVID-19 in South Korea. <i>Journal of Korean Medical Science</i> , 2021, 36, e108.	2.5	5
20	Percutaneous Left Atrial Appendage Occlusion Yields Favorable Neurological Outcomes in Patients with Non-Valvular Atrial Fibrillation. <i>Korean Circulation Journal</i> , 2021, 51, 626.	1.9	6
21	Drug-coated balloon treatment for nonsmall de-novo coronary artery disease: angiographic and clinical outcomes. <i>Coronary Artery Disease</i> , 2021, 32, 534-540.	0.7	4
22	Drug-coated balloon treatment in coronary artery disease: Recommendations from an Asia-Pacific Consensus Group. <i>Cardiology Journal</i> , 2021, 28, 136-149.	1.2	40
23	Polygenic risk score validation using Korean genomes of 265 early-onset acute myocardial infarction patients and 636 healthy controls. <i>PLoS ONE</i> , 2021, 16, e0246538.	2.5	7
24	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> , 2021, 98, E171-E180.	1.7	1
25	High-Risk Morphological and Physiological Coronary Disease Attributes as Outcome Markers After Medical Treatment and Revascularization. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1977-1989.	5.3	16
26	Provisional drug-coated balloon treatment guided by physiology on de novo coronary lesion. <i>Cardiology Journal</i> , 2021, 28, 615-622.	1.2	6
27	Regional TMPRSS2 V197M Allele Frequencies Are Correlated with COVID-19 Case Fatality Rates. <i>Molecules and Cells</i> , 2021, 44, 680-687.	2.6	12
28	A Case of Aneurysm Occurring at the Dissection Site after Intervention with Drug-Coated Balloon. <i>Korean Circulation Journal</i> , 2021, 51, 376.	1.9	0
29	Sex-Related Outcomes of Successful Drug-Coated Balloon Treatment in De Novo Coronary Artery Disease. <i>Yonsei Medical Journal</i> , 2021, 62, 981.	2.2	2
30	Percutaneous treatment of left main chronic total occlusion with paclitaxel-coated balloon. <i>European Heart Journal - Case Reports</i> , 2021, 5, ytab442.	0.6	2
31	Effect of Coronary Disease Characteristics on Prognostic Relevance of Residual Ischemia After Stent Implantation. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 696756.	2.4	2
32	Instantaneous wave-free ratio-guided paclitaxel-coated balloon treatment for de novo coronary lesions. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 179-185.	1.5	3
33	Prognostic impact of diabetes mellitus and index of microcirculatory resistance in patients undergoing fractional flow reserve-guided revascularization. <i>International Journal of Cardiology</i> , 2020, 307, 171-175.	1.7	5
34	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> , 2020, 14, 322-329.	1.3	0
35	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> , 2020, 9, e016818.	3.7	19
36	Safety and Efficacy of Pitavastatin in Patients With Impaired Fasting Glucose and Hyperlipidemia: A Randomized, Open-labeled, Multicentered, Phase IV Study. <i>Clinical Therapeutics</i> , 2020, 42, 2036-2048.	2.5	7

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37	Effect of Ticagrelor on Left Ventricular Remodeling in Patients With ST-Segment Elevation Myocardial Infarction (HEALING-AMI). <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2220-2234.	2.9	17
38	Role of Post-Stent Physiological Assessment in a Risk Prediction Model After Coronary Stent Implantation. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1639-1650.	2.9	36
39	Optimal Dose and Type of β -blockers in Patients With Acute Coronary Syndrome Undergoing Percutaneous Coronary Intervention. <i>American Journal of Cardiology</i> , 2020, 137, 12-19.	1.6	3
40	Prognostic Impact of Residual Anatomic Disease Burden After Functionally Complete Revascularization. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e009232.	3.9	16
41	Drug-Coated Balloons for Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1391-1402.	2.9	218
42	Korean Genome Project: 1094 Korean personal genomes with clinical information. <i>Science Advances</i> , 2020, 6, eaaz7835.	10.3	75
43	Additional postdilatation using noncompliant balloons after everolimus-eluting stent implantation: Results of the PRESS trial. <i>Clinical Cardiology</i> , 2020, 43, 606-613.	1.8	1
44	Diagnostic performance of a vessel-length-based method to compute the instantaneous wave-free ratio in coronary arteries. <i>Scientific Reports</i> , 2020, 10, 1132.	3.3	4
45	Pharmacodynamic study of prasugrel or clopidogrel in non-ST-elevation acute coronary syndrome with CYP2C19 genetic variants undergoing percutaneous coronary intervention (PRAISE-GENE trial). <i>International Journal of Cardiology</i> , 2020, 305, 11-17.	1.7	4
46	Prognostic Implications of Resistive Reserve Ratio in Patients With Coronary Artery Disease. <i>Journal of the American Heart Association</i> , 2020, 9, e015846.	3.7	29
47	Long-term Patient Prognostication by Coronary Flow Reserve and Index of Microcirculatory Resistance: International Registry of Comprehensive Physiologic Assessment. <i>Korean Circulation Journal</i> , 2020, 50, 890.	1.9	12
48	Impact of Dissection after Drug-Coated Balloon Treatment of De Novo Coronary Lesions: Angiographic and Clinical Outcomes. <i>Yonsei Medical Journal</i> , 2020, 61, 1004.	2.2	8
49	A case of drug-coated balloon treatment for three-vessel stenosis with left main bifurcation lesion. <i>Cardiology Journal</i> , 2020, 27, 85-86.	1.2	3
50	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. <i>JAMA Cardiology</i> , 2019, 4, 857.	6.1	25
51	Depression and suicide risk prediction models using blood-derived multi-omics data. <i>Translational Psychiatry</i> , 2019, 9, 262.	4.8	38
52	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.	1.6	37
53	Physiologic Characteristics and Clinical Outcomes of Patients With Discordance Between FFR and iFR. <i>JACC: Cardiovascular Interventions</i> , 2019, 12, 2018-2031.	2.9	56
54	Clinical Events After Deferral of LAD Revascularization Following Physiological Coronary Assessment. <i>Journal of the American College of Cardiology</i> , 2019, 73, 444-453.	2.8	35

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55	Plaque modification and stabilization after paclitaxel-coated balloon treatment for de novo coronary lesions. <i>Heart and Vessels</i> , 2019, 34, 1113-1121.	1.2	12
56	Comparison of fractional flow reserve and angiographic characteristics after balloon angioplasty in de novo coronary lesions. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1945-1954.	1.5	5
57	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.	2.8	115
58	Vasoconstrictor component of atherothrombotic culprit lesions in ST-segment elevation myocardial infarction. <i>Journal of the Saudi Heart Association</i> , 2019, 31, 114-120.	0.4	0
59	Reference parameters for left ventricular wall thickness, thickening, and motion in stress myocardial perfusion CT: Global and regional assessment. <i>Clinical Imaging</i> , 2019, 56, 81-87.	1.5	8
60	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.	4.5	20
61	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.	3.7	12
62	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.	3.7	42
63	In silico evaluation of the acute occlusion effect of coronary artery on cardiac electrophysiology and the body surface potential map. <i>Korean Journal of Physiology and Pharmacology</i> , 2019, 23, 71.	1.2	7
64	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.	0.7	14
65	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) Trial. <i>Over</i>		
66	Physiological and Clinical Assessment of Resting Physiological Indexes. <i>Circulation</i> , 2019, 139, 889-900.	1.6	90
67	Favorable neurological outcome after ischemic cerebrovascular events in patients treated with percutaneous left atrial appendage occlusion compared with warfarin. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, E23-E29.	1.7	7
68	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.	5.3	188
69	Rationale and Design of the High Platelet Inhibition with Ticagrelor to Improve Left Ventricular Remodeling in Patients with ST-Segment Elevation Myocardial Infarction (HEALING-AMI) Trial. <i>Korean Circulation Journal</i> , 2019, 49, 586.	1.9	5
70	Influence of target vessel on prognostic relevance of fractional flow reserve after coronary stenting. <i>EuroIntervention</i> , 2019, 15, 457-464.	3.2	44
71	Consensus document for invasive coronary physiologic assessment in Asia-Pacific countries. <i>Cardiology Journal</i> , 2019, 26, 215-225.	1.2	19
72	Response by Kobayashi et al to Letter Regarding Article, "Three-Vessel Assessment of Coronary Microvascular Dysfunction in Patients with Clinical Suspicion of Ischemia: Prospective Observation Study With the Index of Microcirculatory Resistance". <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e006302.	3.9	0

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73	Prognostic implication of thermodilution coronary flow reserve in patients with indeterminate pressure-bounded coronary flow reserve. <i>International Journal of Cardiology</i> , 2018, 261, 24-27.	1.7	1
74	Impact of paclitaxel-coated balloon versus newer-generation drug-eluting stent on periprocedural myocardial infarction in stable angina patients. <i>Coronary Artery Disease</i> , 2018, 29, 403-408.	0.7	2
75	Clinical Relevance of Functionally Insignificant Moderate Coronary Artery Stenosis Assessed by Vessel Fractional Flow Reserve Measurement. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	9
76	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.	2.9	51
77	Sex differences in left main coronary artery stenting: Different characteristics but similar outcomes for women compared with men. <i>International Journal of Cardiology</i> , 2018, 253, 50-54.	1.7	17
78	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.	2.7	14
79	Paclitaxel-coated balloon treatment for functionally nonsignificant residual coronary lesions after balloon angioplasty. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1339-1347.	1.5	15
80	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.	2.9	43
81	Feasibility of Left Atrial Appendage Occlusion for Left Atrial Appendage Thrombus in Patients With Persistent Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2018, 121, 1534-1539.	1.6	23
82	Clinical implications of three-vessel fractional flow reserve measurement in patients with coronary artery disease. <i>European Heart Journal</i> , 2018, 39, 945-951.	2.2	68
83	Prognostic Implications of Relative Increase and Final Fractional Flow Reserve in Patients With Stent Implantation. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 2099-2109.	2.9	67
84	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.	2.9	28
85	Transcatheter Retrieval of Embolized Atrial Septal Defect Occluder Device by Waist Capture Technique. <i>International Heart Journal</i> , 2018, 59, 226-228.	1.0	6
86	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.	2.9	30
87	Magnetocardiography for the diagnosis of non-obstructive coronary artery disease. <i>Clinical Hemorheology and Microcirculation</i> , 2018, 69, 9-11.	1.7	5
88	Prognostic Implication of Thermodilution Coronary Flow Reserve in Patients Undergoing Fractional Flow Reserve Measurement. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1423-1433.	2.9	50
89	Safety of the Deferral of Coronary Revascularization on the Basis of Instantaneous Wave-Free Ratio and Fractional Flow Reserve Measurements in Stable Coronary Artery Disease and Acute Coronary Syndromes. <i>JACC: Cardiovascular Interventions</i> , 2018, 11, 1437-1449.	2.9	111
90	Functional Approach for Coronary Artery Disease: Filling the Gap Between Evidence and Practice. <i>Korean Circulation Journal</i> , 2018, 48, 179.	1.9	21

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91	Current Management of In-Stent Restenosis. Korean Circulation Journal, 2018, 48, 337.	1.9	34
92	The contribution of gender and age on early and late mortality following ST-segment elevation myocardial infarction: results from the Korean Acute Myocardial Infarction National Registry with Registries. Journal of Geriatric Cardiology, 2018, 15, 205-214.	0.2	5
93	Diagnostic performance of on-site CT-derived fractional flow reserve versus CT perfusion. European Heart Journal Cardiovascular Imaging, 2017, 18, 432-440.	1.2	90
94	Incremental diagnostic value of combined quantitative and qualitative parameters of magnetocardiography to detect coronary artery disease. International Journal of Cardiology, 2017, 228, 948-952.	1.7	18
95	Thrombus and Plaque Erosion Characterized by Optical Coherence Tomography in Patients With Vasospastic Angina. Revista Espanola De Cardiologia (English Ed), 2017, 70, 459-466.	0.6	8
96	Identification of Coronary Artery Side Branch Supplying Myocardial Mass That May Benefit From Revascularization. JACC: Cardiovascular Interventions, 2017, 10, 571-581.	2.9	58
97	Physiome approach for the analysis of vascular flow reserve in the heart and brain. Pflugers Archiv European Journal of Physiology, 2017, 469, 613-628.	2.8	5
98	Diagnostic Performance of a Novel Method for Fractional Flow Reserve Computed from Noninvasive Computed Tomography Angiography (NOVEL-FLOW Study). American Journal of Cardiology, 2017, 120, 362-368.	1.6	21
99	Plaque characteristics and inflammatory markers for the prediction of major cardiovascular events in patients with ST-segment elevation myocardial infarction. International Journal of Cardiovascular Imaging, 2017, 33, 1445-1454.	1.5	7
100	Fractional Flow Reserve and Cardiac Events in Coronary Artery Disease. Circulation, 2017, 135, 2241-2251.	1.6	143
101	Use of the Instantaneous Wave-free Ratio or Fractional Flow Reserve in PCI. New England Journal of Medicine, 2017, 376, 1824-1834.	27.0	742
102	Mitral Loop Cerclage Annuloplasty for Secondary Mitral Regurgitation. JACC: Cardiovascular Interventions, 2017, 10, 597-610.	2.9	40
103	Similarity and Difference of Resting Distal Aortic Coronary Pressure and Instantaneous Wave-Free Ratio. Journal of the American College of Cardiology, 2017, 70, 2114-2123.	2.8	50
104	Clinical Outcomes of Deferred Lesions With Angiographically Insignificant Stenosis But Low Fractional Flow Reserve. Journal of the American Heart Association, 2017, 6, .	3.7	14
105	Discrepancy between fractional flow reserve and instantaneous wave-free ratio: Clinical and angiographic characteristics. International Journal of Cardiology, 2017, 245, 63-68.	1.7	53
106	Clinical Outcomes According to Fractional Flow Reserve or Instantaneous Wave-Free Ratio in Deferred Lesions. JACC: Cardiovascular Interventions, 2017, 10, 2502-2510.	2.9	48
107	Three-Vessel Assessment of Coronary Microvascular Dysfunction in Patients With Clinical Suspicion of Ischemia. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	19
108	A vessel length-based method to compute coronary fractional flow reserve from optical coherence tomography images. BioMedical Engineering OnLine, 2017, 16, 83.	2.7	21

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109	Impact of Longitudinal Lesion Geometry on Location of Plaque Rupture and Clinical Presentations. <i>JACC: Cardiovascular Imaging</i> , 2017, 10, 677-688.	5.3	39
110	Analysis of Cardiovascular Tissue Components for the Diagnosis of Coronary Vulnerable Plaque from Intravascular Ultrasound Images. <i>Journal of Healthcare Engineering</i> , 2017, 2017, 1-7.	1.9	1
111	Impact of high on-treatment platelet reactivity on long-term clinical events in AMI patients: a fact or mirage?. <i>Anatolian Journal of Cardiology</i> , 2017, 17, E2.	0.9	2
112	Prognostic Utility of Neutrophil-to-Lymphocyte Ratio on Adverse Clinical Outcomes in Patients with Severe Calcific Aortic Stenosis. <i>PLoS ONE</i> , 2016, 11, e0161530.	2.5	22
113	Prediction of Coronary Atherosclerotic Ostial Lesion with a Damping of the Pressure Tracing during Diagnostic Coronary Angiography. <i>Yonsei Medical Journal</i> , 2016, 57, 58.	2.2	2
114	Comparison of Paclitaxel-Coated Balloon Treatment and Plain Old Balloon Angioplasty for De Novo Coronary Lesions. <i>Yonsei Medical Journal</i> , 2016, 57, 337.	2.2	23
115	Serial Morphological Changes of Side-Branch Ostium after Paclitaxel-Coated Balloon Treatment of De Novo Coronary Lesions of Main Vessels. <i>Yonsei Medical Journal</i> , 2016, 57, 606.	2.2	25
116	Remote Ischemic Preconditioning for the Prevention of Contrast-Induced Acute Kidney Injury in Diabetics Receiving Elective Percutaneous Coronary Intervention. <i>PLoS ONE</i> , 2016, 11, e0164256.	2.5	13
117	Fractional flow reserve-guided paclitaxel-coated balloon treatment for de novo coronary lesions. <i>Catheterization and Cardiovascular Interventions</i> , 2016, 88, 193-200.	1.7	47
118	Gender differences in risk factors and clinical outcomes in young patients with acute myocardial infarction. <i>Journal of Epidemiology and Community Health</i> , 2016, 70, 1057-1064.	3.7	15
119	Computational fluid dynamic measures of wall shear stress are related to coronary lesion characteristics. <i>Heart</i> , 2016, 102, 1655-1661.	2.9	84
120	Thienopyridine reloading in clopidogrel-loaded patients undergoing percutaneous coronary interventions: The PRAISE study. <i>International Journal of Cardiology</i> , 2016, 222, 639-644.	1.7	4
121	A patient-specific virtual stenotic model of the coronary artery to analyze the relationship between fractional flow reserve and wall shear stress. <i>International Journal of Cardiology</i> , 2016, 222, 799-805.	1.7	18
122	A Randomized, Double-blind, Multicenter, Phase III Study to Evaluate the Efficacy and Safety of Fimasartan/Amlodipine Combined Therapy Versus Fimasartan Monotherapy in Patients With Essential Hypertension Unresponsive to Fimasartan Monotherapy. <i>Clinical Therapeutics</i> , 2016, 38, 2159-2170.	2.5	10
123	Physiological Severity of Coronary Artery Stenosis Depends on the Amount of Myocardial Mass Subtended by the Coronary Artery. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 1548-1560.	2.9	77
124	Serial Morphological and Functional Assessment of the Paclitaxel-coated Balloon for de Novo Lesions. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2016, 69, 1026-1032.	0.6	9
125	Estimation of the flow resistances exerted in coronary arteries using a vessel length-based method. <i>Pflugers Archiv European Journal of Physiology</i> , 2016, 468, 1449-1458.	2.8	11
126	Segmental assessments of coronary plaque morphology and composition by virtual histology intravascular ultrasound and fractional flow reserve. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 373-380.	1.5	4

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127	Gender differences in plaque characteristics of culprit lesions in patients with ST elevation myocardial infarction. <i>Heart and Vessels</i> , 2016, 31, 1767-1775.	1.2	12
128	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.	2.8	255
129	Anatomical and Physiological Changes after Paclitaxel-Coated Balloon for Atherosclerotic De Novo Coronary Lesions: Serial IVUS-VH and FFR Study. <i>PLoS ONE</i> , 2016, 11, e0147057.	2.5	56
130	Serum Phosphorus Concentration and Coronary Artery Calcification in Subjects without Renal Dysfunction. <i>PLoS ONE</i> , 2016, 11, e0151007.	2.5	19
131	Noninvasive detection of myocardial ischemia: A case of magnetocardiography. <i>Clinical Hemorheology and Microcirculation</i> , 2015, 60, 163-169.	1.7	2
132	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, 409.	1.6	12
133	Differences in ward-to-cath lab systolic blood pressure predicts long-term adverse outcomes after drug-eluting stent implantation. <i>Heart and Vessels</i> , 2015, 30, 740-745.	1.2	3
134	Integrated Physiologic Assessment of Ischemic Heart Disease in Real-World Practice Using Index of Microcirculatory Resistance and Fractional Flow Reserve. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, e002857.	3.9	89
135	Assessment of stent edge dissections by fractional flow reserve. <i>International Journal of Cardiology</i> , 2015, 185, 29-33.	1.7	8
136	OCT-Defined Morphological Characteristics of Coronary Artery Spasm Sites in Vasospastic Angina. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1059-1067.	5.3	88
137	Coronary Artery Axial Plaque Stress and its Relationship With Lesion Geometry. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1156-1166.	5.3	97
138	Combined Usefulness of the Platelet-to-Lymphocyte Ratio and the Neutrophil-to-Lymphocyte Ratio in Predicting the Long-Term Adverse Events in Patients Who Have Undergone Percutaneous Coronary Intervention with a Drug-Eluting Stent. <i>PLoS ONE</i> , 2015, 10, e0133934.	2.5	58
139	A novel patient-specific model to compute coronary fractional flow reserve. <i>Progress in Biophysics and Molecular Biology</i> , 2014, 116, 48-55.	2.9	29
140	Efficacy and Safety of 30-Mg Fimasartan for the Treatment of Patients With Mild to Moderate Hypertension: An 8-Week, Multicenter, Randomized, Double-Blind, Phase III Clinical Study. <i>Clinical Therapeutics</i> , 2014, 36, 1412-1421.	2.5	14
141	A randomised, multicentre, double blind, placebo controlled trial to evaluate the efficacy and safety of cilostazol in patients with vasospastic angina. <i>Heart</i> , 2014, 100, 1531-1536.	2.9	40
142	Reproducibility of Shin's method for necrotic core and calcium content in atherosclerotic coronary lesions treated with bioresorbable everolimus-eluting vascular scaffolds using volumetric intravascular ultrasound radiofrequency-based analysis. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 43-49.	1.5	3
143	A comparison between plaque-based and vessel-based measurement for plaque component using volumetric intravascular ultrasound radiofrequency data analysis. <i>International Journal of Cardiovascular Imaging</i> , 2011, 27, 491-497.	1.5	3
144	The assessment of Shin's method for the prediction of creatinine kinase-MB elevation after percutaneous coronary intervention: an intravascular ultrasound study. <i>International Journal of Cardiovascular Imaging</i> , 2011, 27, 883-892.	1.5	8

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145	Assessment of the serial changes of vessel wall contents in atherosclerotic coronary lesion with bioresorbable everolimus-eluting vascular scaffolds using Shin's method: an IVUS study. International Journal of Cardiovascular Imaging, 2011, 27, 931-937.	1.5	4
146	In vivo findings of tissue characteristics using iMap, IVUS and Virtual Histology, IVUS. EuroIntervention, 2011, 6, 1017-1019.	3.2	39