

Pil Hyung Lee

List of Publications by Year in descending order

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106
papers

3,352
citations

218677

26
h-index

155660

55
g-index

107
all docs

107
docs citations

107
times ranked

4409
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryptogenic Stroke and High-Risk Patent Foramen Ovale. <i>Journal of the American College of Cardiology</i> , 2018, 71, 2335-2342.	2.8	388
2	Randomized Trial of Stents Versus Bypass Surgery for Left Main Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2015, 65, 2198-2206.	2.8	308
3	Randomized Trial Evaluating Percutaneous Coronary Intervention for the Treatment of Chronic Total Occlusion. <i>Circulation</i> , 2019, 139, 1674-1683.	1.6	241
4	Comorbidities Frequency in Takotsubo Syndrome: An International Collaborative Systematic Review Including 1109 Patients. <i>American Journal of Medicine</i> , 2015, 128, 654.e11-654.e19.	1.5	157
5	Left Main Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2016, 68, 1233-1246.	2.8	152
6	Fractional Flow Reserve and Cardiac Events in Coronary Artery Disease. <i>Circulation</i> , 2017, 135, 2241-2251.	1.6	143
7	Clinically Significant Bleeding With Ticagrelor Versus Clopidogrel in Korean Patients With Acute Coronary Syndromes Intended for Invasive Management. <i>Circulation</i> , 2019, 140, 1865-1877.	1.6	138
8	Ten-Year Outcomes After Drug-Eluting Stents Versus Coronary Artery Bypass Grafting for Left Main Coronary Disease. <i>Circulation</i> , 2020, 141, 1437-1446.	1.6	136
9	Comparison of Stenting Versus Bypass Surgery According to the Completeness of Revascularization in Severe Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1415-1424.	2.9	95
10	Outcomes of Patients with Stress-Induced Cardiomyopathy Diagnosed by Echocardiography in a Tertiary Referral Hospital. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 766-771.	2.8	92
11	Heterogeneity of Treatment Effects in an Analysis of Pooled Individual Patient Data From Randomized Trials of Device Closure of Patent Foramen Ovale After Stroke. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 2277.	7.4	92
12	Successful Recanalization of Native Coronary Chronic Total Occlusion Is Not Associated With Improved Long-Term Survival. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 530-538.	2.9	75
13	10-Year Outcomes of Stents Versus Coronary Artery Bypass Grafting for Left Main Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2018, 72, 2813-2822.	2.8	69
14	Differential Rates and Clinical Significance of Periprocedural Myocardial Infarction After Stenting or Bypass Surgery for Multivessel Coronary Disease According to Various Definitions. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1498-1507.	2.9	64
15	Deep learning segmentation of major vessels in X-ray coronary angiography. <i>Scientific Reports</i> , 2019, 9, 16897.	3.3	64
16	Effect of Statin Treatment on Modifying Plaque Composition. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1772-1783.	2.8	63
17	Determinants and Prognostic Significance of Periprocedural Myocardial Injury in Patients With Successful Percutaneous Chronic Total Occlusion Interventions. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 2220-2228.	2.9	50
18	Prevalence, Management, and Long-Term (6-Year) Outcomes of Atrial Fibrillation Among Patients Receiving Drug-Eluting Coronary Stents. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1075-1085.	2.9	43

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19	Deferred vs. performed revascularization for coronary stenosis with grey-zone fractional flow reserve values: data from the IRIS-FFR registry. <i>European Heart Journal</i> , 2018, 39, 1610-1619.	2.2	38
20	Safety and Effectiveness of Second-Generation Drug-Eluting Stents in Patients With Left Main Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2018, 71, 832-841.	2.8	37
21	Nutritional status and risk of all-cause mortality in patients undergoing transcatheter aortic valve replacement assessment using the geriatric nutritional risk index and the controlling nutritional status score. <i>Clinical Research in Cardiology</i> , 2020, 109, 161-171.	3.3	36
22	Machine learning assessment of myocardial ischemia using angiography: Development and retrospective validation. <i>PLoS Medicine</i> , 2018, 15, e1002693.	8.4	34
23	Relationship Between Serum Inflammatory Marker Levels and the Dynamic Changes in Coronary Plaque Characteristics After Statin Therapy. <i>Circulation: Cardiovascular Imaging</i> , 2017, 10, .	2.6	30
24	Comparison of drug-eluting stents and drug-coated balloon for the treatment of drug-eluting coronary stent restenosis: A randomized RESTORE trial. <i>American Heart Journal</i> , 2018, 197, 35-42.	2.7	30
25	Intravascular ultrasound-based machine learning for predicting fractional flow reserve in intermediate coronary artery lesions. <i>Atherosclerosis</i> , 2020, 292, 171-177.	0.8	30
26	Complete versus incomplete revascularization in patients with multivessel coronary artery disease treated with drug-eluting stents. <i>American Heart Journal</i> , 2016, 179, 157-165.	2.7	28
27	Optimal Stenting Technique for Complex Coronary Lesions. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 1403-1413.	2.9	28
28	Fractional flow reserve and pressure-bounded coronary flow reserve to predict outcomes in coronary artery disease. <i>European Heart Journal</i> , 2017, 38, 1980-1989.	2.2	27
29	Coronary CT angiography characteristics of OCT-defined thin-cap fibroatheroma: a section-to-section comparison study. <i>European Radiology</i> , 2018, 28, 833-843.	4.5	27
30	Prediction of Coronary Stent Underexpansion by Pre-Procedural Intravascular Ultrasound-Based Deep Learning. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 1021-1029.	2.9	26
31	Comparison of Outcomes of Coronary Artery Bypass Grafting Versus Drug-Eluting Stent Implantation in Patients With Severe Left Ventricular Dysfunction. <i>American Journal of Cardiology</i> , 2017, 120, 69-74.	1.6	24
32	Impact of Coronary Lesion Geometry on Fractional Flow Reserve. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007087.	2.6	24
33	Revascularization in Patients With Left Main Coronary Artery Disease and Left Ventricular Dysfunction. <i>Journal of the American College of Cardiology</i> , 2020, 76, 1395-1406.	2.8	24
34	Outcomes of hemodynamically stable patients with pancreatic injury after blunt abdominal trauma. <i>Pancreatology</i> , 2012, 12, 487-492.	1.1	23
35	Intravascular ultrasound-based deep learning for plaque characterization in coronary artery disease. <i>Atherosclerosis</i> , 2021, 324, 69-75.	0.8	23
36	Association of Lipoprotein(a) With Recurrent Ischemic Events Following Percutaneous Coronary Intervention. <i>JACC: Cardiovascular Interventions</i> , 2021, 14, 2059-2068.	2.9	22

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37	Long-Term Outcomes After PCI or CABG for Left Main Coronary Artery Disease According to Lesion Location. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 2825-2836.	2.9	20
38	Impact of SYNTAX Score on 10-Year Outcomes After Revascularization for Left Main Coronary Artery Disease. <i>JACC: Cardiovascular Interventions</i> , 2020, 13, 361-371.	2.9	20
39	Full Metal Jacket With Drug-Eluting Stents for Coronary Chronic Total Occlusion. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1405-1412.	2.9	19
40	Differential Event Rates and Independent Predictors of Long-Term Major Cardiovascular Events and Death in 5795 Patients With Unprotected Left Main Coronary Artery Disease Treated With Stents, Bypass Surgery, or Medication. <i>Circulation: Cardiovascular Interventions</i> , 2017, 10, .	3.9	18
41	Incidence, Predictors, Management, and Clinical Significance of New-Onset Atrial Fibrillation After Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2019, 123, 1127-1133.	1.6	18
42	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
43	Prediction of coronary thin-cap fibroatheroma by intravascular ultrasound-based machine learning. <i>Atherosclerosis</i> , 2019, 288, 168-174.	0.8	16
44	Takotsubo Cardiomyopathy: A Case of Persistent Apical Ballooning Complicated by an Apical Mural Thrombus. <i>Korean Journal of Internal Medicine</i> , 2011, 26, 455.	1.7	16
45	Coronary Artery Bypass Grafting vs. Drug-Eluting Stent Implantation for Multivessel Disease in Patients with Chronic Kidney Disease. <i>Korean Circulation Journal</i> , 2017, 47, 354.	1.9	14
46	Long-Term Clinical Impact of Intravascular Ultrasound Guidance in Stenting for Left Main Coronary Artery Disease. <i>Circulation: Cardiovascular Interventions</i> , 2021, 14, e011011.	3.9	14
47	Risk of New Native-Vessel Occlusion After Coronary Artery Bypass Grafting. <i>American Journal of Cardiology</i> , 2017, 119, 7-13.	1.6	13
48	Comparison of 1-Year Outcomes of Triple (Aspirin+Clopidogrel+Cilostazol) Versus Dual Antiplatelet Therapy (Aspirin+Clopidogrel+Placebo) After Implantation of Second-Generation Drug-Eluting Stents into One or More Coronary Arteries: from the DECREASE-PCI Trial. <i>American Journal of Cardiology</i> , 2018, 121, 423-429.	1.6	13
49	Effect of Age and Sex on Outcomes After Stenting or Bypass Surgery in Left Main Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2019, 124, 678-687.	1.6	13
50	Patent Foramen Ovale Closure in Old Stroke Patients: A Subgroup Analysis of the DEFENSE-PFO Trial. <i>Journal of Stroke</i> , 2021, 23, 289-292.	3.2	13
51	Benefit of Final Kissing Balloon Inflation Mandatory After Simple Crossover Stenting for Left Main Bifurcation Narrowing. <i>American Journal of Cardiology</i> , 2017, 119, 528-534.	1.6	12
52	Impact of Subtended Myocardial Mass Assessed by Coronary Computed Tomographic Angiography-Based Myocardial Segmentation. <i>American Journal of Cardiology</i> , 2019, 123, 757-763.	1.6	12
53	Effect of Beta Blockers and Renin-Angiotensin System Inhibitors on Survival in Patients With Acute Myocardial Infarction Undergoing Percutaneous Coronary Intervention. <i>Medicine (United States)</i> , 2016, 95, e2971.	1.0	11
54	Practical based approach to left main bifurcation stenting. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 49.	1.7	10

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55	Long-term outcomes of bypass grafting versus drug-eluting stenting for left main coronary artery disease: Results from the IRIS-MAIN registry. <i>American Heart Journal</i> , 2017, 193, 76-83.	2.7	10
56	Relation of Body Mass Index to Risk of Death or Stroke in Patients Who Underwent Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2019, 123, 638-643.	1.6	10
57	Trends in Outcomes of Revascularization for Left Main Coronary Disease or Three-Vessel Disease With the Routine Incorporation of Fractional Flow Reserve in Real Practice. <i>American Journal of Cardiology</i> , 2015, 116, 1163-1171.	1.6	9
58	Anatomic or Functional Evaluation as an Initial Test for Stable Coronary Artery Disease: A Propensity Score Analysis. <i>Journal of Nuclear Medicine</i> , 2016, 57, 1364-1369.	5.0	9
59	Impact of coronary lumen reconstruction on the estimation of endothelial shear stress: in vivo comparison of three-dimensional quantitative coronary angiography and three-dimensional fusion combining optical coherent tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1134-1141.	1.2	9
60	Beta-blockers provide a differential survival benefit in patients with coronary artery disease undergoing contemporary post-percutaneous coronary intervention management. <i>Scientific Reports</i> , 2020, 10, 22121.	3.3	9
61	Impact of Significant Mitral Regurgitation on Assessing the Severity of Aortic Stenosis. <i>Journal of the American Society of Echocardiography</i> , 2018, 31, 26-33.	2.8	8
62	Comparison of optical coherence tomographyâ€“guided versus intravascular ultrasoundâ€“guided percutaneous coronary intervention: Rationale and design of a randomized, controlled OCTIVUS trial. <i>American Heart Journal</i> , 2020, 228, 72-80.	2.7	8
63	Generalizability of EXCEL and NOBLE results to a large registry population with unprotected left main coronary artery disease. <i>Coronary Artery Disease</i> , 2017, 28, 675-682.	0.7	7
64	Comparison of Resolute zotarolimus-eluting and Xience everolimus-eluting stents in patients with de novo long coronary artery lesions. <i>Coronary Artery Disease</i> , 2019, 30, 59-66.	0.7	7
65	Comparison of simple versus complex stenting in patients with true distal left main bifurcation lesions. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 97, 776-785.	1.7	7
66	Association of Stage 1 Hypertension Defined by the ACC/AHA 2017 Guideline With Asymptomatic Coronary Atherosclerosis. <i>American Journal of Hypertension</i> , 2021, 34, 858-866.	2.0	7
67	Pragmatic trial comparing routine versus no routine functional testing in high-risk patients who underwent percutaneous coronary intervention: Rationale and design of POST-PCI trial. <i>American Heart Journal</i> , 2020, 224, 156-165.	2.7	7
68	Comparison of second- and first-generation drug eluting stent for percutaneous coronary chronic total occlusion intervention. <i>International Journal of Cardiology</i> , 2016, 206, 7-11.	1.7	6
69	Long-term trends of treatment effect of stenting or bypass surgery in patients with ostial or shaft left main coronary artery disease. <i>Catheterization and Cardiovascular Interventions</i> , 2019, 94, 315-322.	1.7	6
70	Prognostic Impact of Mildly Impaired Renal Function in Patients Undergoing Multivessel Coronary Revascularization. <i>Journal of the American College of Cardiology</i> , 2022, 79, 1270-1284.	2.8	6
71	Plaque structural stress assessed by virtual histology-intravascular ultrasound predicts dynamic changes in phenotype and composition of untreated coronary artery lesions. <i>Atherosclerosis</i> , 2016, 254, 85-92.	0.8	5
72	Everolimus- versus zotarolimus-eluting stent following percutaneous coronary chronic total occlusion intervention. <i>International Journal of Cardiology</i> , 2017, 241, 128-132.	1.7	5

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73	Comparison of a Simple Angiographic Approach With a Synergy Between Percutaneous Coronary Intervention With Taxus and Cardiac Surgery Score-Based Approach for Left Main Coronary Artery Stenting. <i>Circulation: Cardiovascular Interventions</i> , 2018, 11, e005374.	3.9	5
74	Meta-Analysis Comparing the Risk of Myocardial Infarction Following Coronary Artery Bypass Grafting Versus Percutaneous Coronary Intervention in Patients With Multivessel or Left Main Coronary Artery Disease. <i>American Journal of Cardiology</i> , 2019, 124, 842-850.	1.6	5
75	Long-term (10-year) outcomes of stenting or bypass surgery for acute coronary syndromes and stable ischemic heart disease with unprotected left main coronary artery disease. <i>American Heart Journal</i> , 2019, 218, 9-19.	2.7	5
76	Incidence and Impact of Thrombocytopenia in Patients Undergoing Percutaneous Coronary Intervention With Drug-Eluting Stents. <i>American Journal of Cardiology</i> , 2020, 134, 55-61.	1.6	4
77	Prognostic Value of Resting Distal-to-Aortic Coronary Pressure in Clinical Practice. <i>Circulation: Cardiovascular Interventions</i> , 2020, 13, e007868.	3.9	4
78	Rates and Independent Correlates of 10-Year Major Adverse Events and Mortality in Patients Undergoing Left Main Coronary Arterial Revascularization. <i>American Journal of Cardiology</i> , 2020, 125, 1148-1153.	1.6	4
79	Comparison of empagliflozin and sitagliptin therapy on myocardial perfusion reserve in diabetic patients with coronary artery disease. <i>Nuclear Medicine Communications</i> , 2021, 42, 972-978.	1.1	4
80	Comparison of Long-Term Outcomes Following Coronary Revascularization in Men-vs-Women with Unprotected Left Main Disease. <i>American Journal of Cardiology</i> , 2021, 153, 9-19.	1.6	4
81	Ischemic Burden Assessment Using Single Photon Emission Computed Tomography in Single Vessel Chronic Total Occlusion of Coronary Artery. <i>Korean Circulation Journal</i> , 2022, 52, 150.	1.9	4
82	Two Cases of Immediate Stent Fracture after Zotarolimus-Eluting Stent Implantation. <i>Korean Circulation Journal</i> , 2015, 45, 67.	1.9	3
83	Impact of Follow-Up Ischemia on Myocardial Perfusion Single-Photon Emission Computed Tomography in Patients with Coronary Artery Disease. <i>Yonsei Medical Journal</i> , 2017, 58, 934.	2.2	3
84	Very Long-term Safety and Effectiveness of Drug-Eluting or Bare-Metal Stents for Left Main Coronary Disease. <i>CJC Open</i> , 2021, 3, 1199-1206.	1.5	3
85	Procedural Predictors of Angiographic Restenosis After Bifurcation Coronary Stenting (from the Tj ETQq1 1 0.784314 rgBT /Overlock	1.6	2
86	Impact of left main coronary artery disease on long-term mortality in patients undergoing drug-eluting stent implantation. <i>Clinical Research in Cardiology</i> , 2017, 106, 953-959.	3.3	2
87	Fate of Grafts Bypassing Nonischemic Versus Ischemic Inducing Coronary Stenosis. <i>American Journal of Cardiology</i> , 2018, 122, 1148-1154.	1.6	2
88	Ten-year outcomes of early generation sirolimus-versus paclitaxel-eluting stents in patients with left main coronary artery disease. <i>Catheterization and Cardiovascular Interventions</i> , 2021, 98, E705-E714.	1.7	2
89	Early experience and favorable clinical outcomes of everolimus-eluting bioresorbable scaffolds for coronary artery disease in Korea. <i>Korean Journal of Internal Medicine</i> , 2018, 33, 922-932.	1.7	2
90	A Characteristic Finding of Spontaneous Coronary Artery Dissection by Computed Tomographic Angiography. <i>Korean Circulation Journal</i> , 2020, 50, 179.	1.9	2

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91	Electronic Medical Record-Based Machine Learning Approach to Predict the Risk of 30-Day Adverse Cardiac Events After Invasive Coronary Treatment: Machine Learning Model Development and Validation. <i>JMIR Medical Informatics</i> , 2022, 10, e26801.	2.6	2
92	Quantitative coronary angiography versus intravascular ultrasound guidance for drug-eluting stent implantation (GUIDE-DES): study protocol for a randomised controlled non-inferiority trial. <i>BMJ Open</i> , 2022, 12, e052215.	1.9	2
93	Update on percutaneous intervention for left main coronary artery stenosis. <i>Expert Review of Cardiovascular Therapy</i> , 2015, 13, 933-943.	1.5	1
94	The modified balloon crush technique. <i>Medicine (United States)</i> , 2018, 97, e12808.	1.0	1
95	Prevalence, predictors, prognostic significance, and effect of techniques on outcomes of coronary lesion calcification following implantation of drug-eluting stents: a patient-level pooled analysis of stent-specific, multicenter, prospective IRIS-DES registries. <i>Coronary Artery Disease</i> , 2021, 32, 42-50.	0.7	1
96	Chronic Total Occlusion Intervention. <i>JACC: Cardiovascular Interventions</i> , 2017, 10, 1022-1024.	2.9	0
97	Assessment of Tissue Perfusion with Blood Oxygenation Level-Dependent Magnetic Resonance Imaging in Critical Limb Ischemia. <i>Korean Circulation Journal</i> , 2018, 48, 658.	1.9	0
98	Unexpected Stenosis within Significantly Enlarged Distal Vessel after Successful Coronary Chronic Total Occlusion Recanalization. <i>Korean Circulation Journal</i> , 2019, 49, 366.	1.9	0
99	Stent Selection in Complex Coronary Interventions: Thinking Complex?. <i>Korean Circulation Journal</i> , 2019, 49, 81.	1.9	0
100	Technical Feasibility and Safety of Percutaneous Coronary Intervention for True Ostial Left Anterior Descending Artery Chronic Total Occlusion. <i>Canadian Journal of Cardiology</i> , 2021, 37, 458-466.	1.7	0
101	Fate of lumen size in distal coronary segment following successful chronic total occlusion recanalization. <i>Journal of Cardiology</i> , 2021, 77, 65-71.	1.9	0
102	A novel closure device for atrial septal defect: Much more to learn and experience. <i>International Journal of Cardiology</i> , 2021, 331, 88-89.	1.7	0
103	Long-Term Outcomes After Percutaneous Coronary Intervention With Second-Generation Drug-Eluting Stents or Coronary Artery Bypass Grafting for Multivessel Coronary Disease. <i>American Journal of Cardiology</i> , 2021, 160, 21-30.	1.6	0
104	Primary versus rescue retrograde approach for chronic total coronary occlusion. <i>Catheterization and Cardiovascular Interventions</i> , 2021, , .	1.7	0
105	Different Clinical Features between Definite and Possible Takotsubo Syndrome in a Tertiary Referral Hospital. <i>Cardiology</i> , 2022, 147, 154-164.	1.4	0
106	Endovascular Therapy for Complex Iliac Lesions: There Is Much More to Be Defined. <i>Korean Circulation Journal</i> , 0, 52, .	1.9	0