## Pil Hyung Lee

List of Publications by Year in descending order

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106 papers 3,352 citations

218677 26 h-index 55 g-index

107 all docs

 $\begin{array}{c} 107 \\ \\ \text{docs citations} \end{array}$ 

107 times ranked

4409 citing authors

#	Article	IF	Citations
1	Ischemic Burden Assessment Using Single Photon Emission Computed Tomography in Single Vessel Chronic Total Occlusion of Coronary Artery. Korean Circulation Journal, 2022, 52, 150.	1.9	4
2	Different Clinical Features between Definite and Possible Takotsubo Syndrome in a Tertiary Referral Hospital. Cardiology, 2022, 147, 154-164.	1.4	O
3	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. JMIR Medical Informatics, 2022, 10, e26801.	2.6	2
4	Quantitative coronary angiography versus intravascular ultrasound guidance for drug-eluting stent implantation (GUIDE-DES): study protocol for a randomised controlled non-inferiority trial. BMJ Open, 2022, 12, e052215.	1.9	2
5	Prognostic Impact of Mildly Impaired Renal Function in Patients Undergoing Multivessel Coronary Revascularization. Journal of the American College of Cardiology, 2022, 79, 1270-1284.	2.8	6
6	Technical Feasibility and Safety of Percutaneous Coronary Intervention for True Ostial Left Anterior Descending Artery–Chronic Total Occlusion. Canadian Journal of Cardiology, 2021, 37, 458-466.	1.7	0
7	Fate of lumen size in distal coronary segment following successful chronic total occlusion recanalization. Journal of Cardiology, 2021, 77, 65-71.	1.9	O
8	Comparison of simple versus complex stenting in patients with true distal left main bifurcation lesions. Catheterization and Cardiovascular Interventions, 2021, 97, 776-785.	1.7	7
9	Association of Stage 1 Hypertension Defined by the ACC/AHA 2017 Guideline With Asymptomatic Coronary Atherosclerosis. American Journal of Hypertension, 2021, 34, 858-866.	2.0	7
10	Comparison of empagliflozin and sitagliptin therapy on myocardial perfusion reserve in diabetic patients with coronary artery disease. Nuclear Medicine Communications, 2021, 42, 972-978.	1.1	4
11	Patent Foramen Ovale Closure in Old Stroke Patients: A Subgroup Analysis of the DEFENSE-PFO Trial. Journal of Stroke, 2021, 23, 289-292.	3.2	13
12	A novel closure device for atrial septal defect: Much more to learn and experience. International Journal of Cardiology, 2021, 331, 88-89.	1.7	0
13	Prediction of Coronary Stent Underexpansion by Pre-Procedural IntravascularÂUltrasound–Based DeepÂLearning. JACC: Cardiovascular Interventions, 2021, 14, 1021-1029.	2.9	26
14	Intravascular ultrasound-based deep learning for plaque characterization in coronary artery disease. Atherosclerosis, 2021, 324, 69-75.	0.8	23
15	Very Long-term Safety and Effectiveness of Drug-Eluting or Bare-Metal Stents for Left Main Coronary Disease. CJC Open, 2021, 3, 1199-1206.	1.5	3
16	Tenâ€year outcomes of early generation sirolimusâ€versus paclitaxelâ€eluting stents in patients with left main coronary artery disease. Catheterization and Cardiovascular Interventions, 2021, 98, E705-E714.	1.7	2
17	Comparison of Long-Term Outcomes Following Coronary Revascularization in Men-vs-Women with Unprotected Left Main Disease. American Journal of Cardiology, 2021, 153, 9-19.	1.6	4
18	Association of Lipoprotein(a) With Recurrent Ischemic Events Following Percutaneous Coronary Intervention. JACC: Cardiovascular Interventions, 2021, 14, 2059-2068.	2.9	22

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19	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. Coronary Artery Disease, 2021, 32, 42-50.	0.7	1
20	Long-Term Outcomes After Percutaneous Coronary Intervention With Second-Generation Drug-Eluting Stents or Coronary Artery Bypass Grafting for Multivessel Coronary Disease. American Journal of Cardiology, 2021, 160, 21-30.	1.6	0
21	Long-Term Clinical Impact of Intravascular Ultrasound Guidance in Stenting for Left Main Coronary Artery Disease. Circulation: Cardiovascular Interventions, 2021, 14, e011011.	3.9	14
22	Primary versus rescue retrograde approach for chronic total coronary occlusion. Catheterization and Cardiovascular Interventions, $2021, \ldots$	1.7	0
23	Heterogeneity of Treatment Effects in an Analysis of Pooled Individual Patient Data From Randomized Trials of Device Closure of Patent Foramen Ovale After Stroke. JAMA - Journal of the American Medical Association, 2021, 326, 2277.	7.4	92
24	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. Clinical Research in Cardiology, 2020, 109, 161-171.	3.3	36
25	Intravascular ultrasound-based machine learning for predicting fractional flow reserve in intermediate coronary artery lesions. Atherosclerosis, 2020, 292, 171-177.	0.8	30
26	Comparison of optical coherence tomography–guided versus intravascular ultrasound–guided percutaneous coronary intervention: Rationale and design of a randomized, controlled OCTIVUS trial. American Heart Journal, 2020, 228, 72-80.	2.7	8
27	Incidence and Impact of Thrombocytopenia in Patients Undergoing Percutaneous Coronary Intervention With Drug-Eluting Stents. American Journal of Cardiology, 2020, 134, 55-61.	1.6	4
28	Revascularization in Patients With Left Main Coronary Artery Disease and Left Ventricular Dysfunction. Journal of the American College of Cardiology, 2020, 76, 1395-1406.	2.8	24
29	Beta-blockers provide a differential survival benefit in patients with coronary artery disease undergoing contemporary post-percutaneous coronary intervention management. Scientific Reports, 2020, 10, 22121.	3.3	9
30	Long-Term Outcomes After PCI or CABG for Left Main Coronary Artery Disease According to Lesion Location. JACC: Cardiovascular Interventions, 2020, 13, 2825-2836.	2.9	20
31	Prognostic Value of Resting Distal-to-Aortic Coronary Pressure in Clinical Practice. Circulation: Cardiovascular Interventions, 2020, 13, e007868.	3.9	4
32	Optimal Stenting Technique for ComplexÂCoronary Lesions. JACC: Cardiovascular Interventions, 2020, 13, 1403-1413.	2.9	28
33	Rates and Independent Correlates of 10-Year Major Adverse Events and Mortality in Patients Undergoing Left Main Coronary Arterial Revascularization. American Journal of Cardiology, 2020, 125, 1148-1153.	1.6	4
34	Ten-Year Outcomes After Drug-Eluting Stents Versus Coronary Artery Bypass Grafting for Left Main Coronary Disease. Circulation, 2020, 141, 1437-1446.	1.6	136
35	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. American Heart Journal, 2020, 224, 156-165.	2.7	7
36	Impact of SYNTAX Score on 10-Year Outcomes After Revascularization for Left Main Coronary Artery Disease. JACC: Cardiovascular Interventions, 2020, 13, 361-371.	2.9	20

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37	A Characteristic Finding of Spontaneous Coronary Artery Dissection by Computed Tomographic Angiography. Korean Circulation Journal, 2020, 50, 179.	1.9	2
38	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. American Journal of Cardiology, 2019, 124, 842-850.	1.6	5
39	Effect of Age and Sex on Outcomes After Stenting or Bypass Surgery in Left Main Coronary Artery Disease. American Journal of Cardiology, 2019, 124, 678-687.	1.6	13
40	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. American Heart Journal, 2019, 218, 9-19.	2.7	5
41	Clinically Significant Bleeding With Ticagrelor Versus Clopidogrel in Korean Patients With Acute Coronary Syndromes Intended for Invasive Management. Circulation, 2019, 140, 1865-1877.	1.6	138
42	Incidence, Predictors, Management, and Clinical Significance of New-Onset Atrial Fibrillation After Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2019, 123, 1127-1133.	1.6	18
43	Prediction of coronary thin-cap fibroatheroma by intravascular ultrasound-based machine learning. Atherosclerosis, 2019, 288, 168-174.	0.8	16
44	Unexpected Stenosis within Significantly Enlarged Distal Vessel after Successful Coronary Chronic Total Occlusion Recanalization. Korean Circulation Journal, 2019, 49, 366.	1.9	0
45	Comparison of Resolute zotarolimus-eluting and Xience everolimus-eluting stents in patients with de novo long coronary artery lesions. Coronary Artery Disease, 2019, 30, 59-66.	0.7	7
46	Randomized Trial Evaluating Percutaneous Coronary Intervention for the Treatment of Chronic Total Occlusion. Circulation, 2019, 139, 1674-1683.	1.6	241
47	Stent Selection in Complex Coronary Interventions: Thinking Complex?. Korean Circulation Journal, 2019, 49, 81.	1.9	0
48	Longâ€term trends of treatment effect of stenting or bypass surgery in patients with ostial or shaft left main coronary artery disease. Catheterization and Cardiovascular Interventions, 2019, 94, 315-322.	1.7	6
49	Relation of Body Mass Index to Risk of Death or Stroke in Patients Who Underwent Transcatheter Aortic Valve Implantation. American Journal of Cardiology, 2019, 123, 638-643.	1.6	10
50	Deep learning segmentation of major vessels in X-ray coronary angiography. Scientific Reports, 2019, 9, 16897.	3.3	64
51	Impact of Subtended Myocardial Mass Assessed by Coronary Computed Tomographic Angiography-Based Myocardial Segmentation. American Journal of Cardiology, 2019, 123, 757-763.	1.6	12
52	Deferred vs. performed revascularization for coronary stenosis with grey-zone fractional flow reserve values: data from the IRIS-FFR registry. European Heart Journal, 2018, 39, 1610-1619.	2,2	38
53	Safety and Effectiveness of Second-Generation Drug-Eluting Stents inÂPatients With Left Main CoronaryÂArteryÂDisease. Journal of the American College of Cardiology, 2018, 71, 832-841.	2.8	37
54	Sex differences in left main coronary artery stenting: Different characteristics but similar outcomes for women compared with men. International Journal of Cardiology, 2018, 253, 50-54.	1.7	17

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55	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. European Heart Journal Cardiovascular Imaging, 2018, 19, 1134-1141.	1.2	9
56	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. Circulation: Cardiovascular Interventions, 2018, 11, e005374.	3.9	5
57	Cryptogenic Stroke and High-Risk Patent Foramen Ovale. Journal of the American College of Cardiology, 2018, 71, 2335-2342.	2.8	388
58	Coronary CT angiography characteristics of OCT-defined thin-cap fibroatheroma: a section-to-section comparison study. European Radiology, 2018, 28, 833-843.	4.5	27
59	Comparison of drug-eluting stents and drug-coated balloon for the treatment of drug-eluting coronary stent restenosis: A randomized RESTORE trial. American Heart Journal, 2018, 197, 35-42.	2.7	30
60	Impact of Significant Mitral Regurgitation on Assessing the Severity of Aortic Stenosis. Journal of the American Society of Echocardiography, 2018, 31, 26-33.	2.8	8
61	The modified balloon crush technique. Medicine (United States), 2018, 97, e12808.	1.0	1
62	Machine learning assessment of myocardial ischemia using angiography: Development and retrospective validation. PLoS Medicine, 2018, 15, e1002693.	8.4	34
63	Assessment of Tissue Perfusion with Blood Oxygenation Level-Dependent Magnetic Resonance Imaging in Critical Limb Ischemia. Korean Circulation Journal, 2018, 48, 658.	1.9	O
64	Comparison of 1-Year Outcomes of Triple (Aspirin + Clopidogrel + Cilostazol) Versus Dual Antip Therapy (Aspirin + Clopidogrel + Placebo) After Implantation of Second-Generation Drug-Eluting into One or More Coronary Arteries: from the DECREASE-PCI Trial. American Journal of Cardiology, 2018, 121, 423-429.	llatelet g Stents 1.6	13
65	10-Year Outcomes of Stents Versus Coronary Artery Bypass Grafting for LeftÂMainÂCoronaryÂArtery Disease. Journal of the American College of Cardiology, 2018, 72, 2813-2822.	2.8	69
66	Fate of Grafts Bypassing Nonischemic Versus Ischemic Inducing Coronary Stenosis. American Journal of Cardiology, 2018, 122, 1148-1154.	1.6	2
67	Impact of Coronary Lesion Geometry on Fractional Flow Reserve. Circulation: Cardiovascular Imaging, 2018, 11, e007087.	2.6	24
68	Early experience and favorable clinical outcomes of everolimus-eluting bioresorbable scaffolds for coronary artery disease in Korea. Korean Journal of Internal Medicine, 2018, 33, 922-932.	1.7	2
69	Everolimus- versus zotarolimus-eluting stent following percutaneous coronary chronic total occlusion intervention. International Journal of Cardiology, 2017, 241, 128-132.	1.7	5
70	Chronic Total Occlusion Intervention. JACC: Cardiovascular Interventions, 2017, 10, 1022-1024.	2.9	0
71	Comparison of Outcomes of Coronary Artery Bypass Grafting Versus Drug-Eluting Stent Implantation in Patients With Severe Left Ventricular Dysfunction. American Journal of Cardiology, 2017, 120, 69-74.	1.6	24
72	Fractional flow reserve and pressure-bounded coronary flow reserve to predict outcomes in coronary artery disease. European Heart Journal, 2017, 38, 1980-1989.	2.2	27

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73	Prevalence, Management, and Long-Term (6-Year) Outcomes of AtrialÂFibrillation Among Patients Receiving Drug-Eluting Coronary Stents. JACC: Cardiovascular Interventions, 2017, 10, 1075-1085.	2.9	43
74	Fractional Flow Reserve and Cardiac Events in Coronary Artery Disease. Circulation, 2017, 135, 2241-2251.	1.6	143
75	Benefit of Final Kissing Balloon Inflation Mandatory After Simple Crossover Stenting for Left Main Bifurcation Narrowing. American Journal of Cardiology, 2017, 119, 528-534.	1.6	12
76	Comparison of Stenting Versus Bypass Surgery According to the Completeness of Revascularization in Severe Coronary Artery Disease. JACC: Cardiovascular Interventions, 2017, 10, 1415-1424.	2.9	95
77	Generalizability of EXCEL and NOBLE results to a large registry population with unprotected left main coronary artery disease. Coronary Artery Disease, 2017, 28, 675-682.	0.7	7
78	Differential Rates and Clinical Significance of Periprocedural Myocardial Infarction After Stenting or Bypass Surgery forÂMultivessel Coronary Disease According to Various Definitions. JACC: Cardiovascular Interventions, 2017, 10, 1498-1507.	2.9	64
79	Impact of left main coronary artery disease on long-term mortality in patients undergoing drug-eluting stent implantation. Clinical Research in Cardiology, 2017, 106, 953-959.	3.3	2
80	Long-term outcomes of bypass grafting versus drug-eluting stenting for left main coronary artery disease: Results from the IRIS-MAIN registry. American Heart Journal, 2017, 193, 76-83.	2.7	10
81	Relationship Between Serum Inflammatory Marker Levels and the Dynamic Changes in Coronary Plaque Characteristics After Statin Therapy. Circulation: Cardiovascular Imaging, 2017, 10, .	2.6	30
82	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. Circulation: Cardiovascular Interventions, 2017, 10, .	3.9	18
83	Full Metal Jacket With Drug-Eluting Stents for Coronary Chronic Total Occlusion. JACC: Cardiovascular Interventions, 2017, 10, 1405-1412.	2.9	19
84	Risk of New Native-Vessel Occlusion After Coronary Artery Bypass Grafting. American Journal of Cardiology, 2017, 119, 7-13.	1.6	13
85	Coronary Artery Bypass Grafting vs. Drug-Eluting Stent Implantation for Multivessel Disease in Patients with Chronic Kidney Disease. Korean Circulation Journal, 2017, 47, 354.	1.9	14
86	Impact of Follow-Up Ischemia on Myocardial Perfusion Single-Photon Emission Computed Tomography in Patients with Coronary Artery Disease. Yonsei Medical Journal, 2017, 58, 934.	2.2	3
87	Complete versus incomplete revascularization in patients with multivessel coronary artery disease treated with drug-eluting stents. American Heart Journal, 2016, 179, 157-165.	2.7	28
88	Successful Recanalization of Native Coronary Chronic Total Occlusion IsÂNotÂAssociated With Improved Long-Term Survival. JACC: Cardiovascular Interventions, 2016, 9, 530-538.	2.9	75
89	Effect of Beta Blockers and Renin–Angiotensin System Inhibitors on Survival in Patients With Acute Myocardial Infarction Undergoing Percutaneous Coronary Intervention. Medicine (United States), 2016, 95, e2971.	1.0	11
90	Effect of Statin Treatment on ModifyingÂPlaque Composition. Journal of the American College of Cardiology, 2016, 67, 1772-1783.	2.8	63

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91	Anatomic or Functional Evaluation as an Initial Test for Stable Coronary Artery Disease: A Propensity Score Analysis. Journal of Nuclear Medicine, 2016, 57, 1364-1369.	5.0	9
92	Left Main Coronary Artery Disease. Journal of the American College of Cardiology, 2016, 68, 1233-1246.	2.8	152
93	Plaque structural stress assessed by virtual histology-intravascular ultrasound predicts dynamic changes in phenotype and composition of untreated coronary artery lesions. Atherosclerosis, 2016, 254, 85-92.	0.8	5
94	Determinants and Prognostic Significance of Periprocedural Myocardial Injury in Patients With Successful Percutaneous Chronic Total Occlusion Interventions. JACC: Cardiovascular Interventions, 2016, 9, 2220-2228.	2.9	50
95	Practical based approach to left main bifurcation stenting. BMC Cardiovascular Disorders, 2016, 16, 49.	1.7	10
96	Comparison of second- and first-generation drug eluting stent for percutaneous coronary chronic total occlusion intervention. International Journal of Cardiology, 2016, 206, 7-11.	1.7	6
97	Two Cases of Immediate Stent Fracture after Zotarolimus-Eluting Stent Implantation. Korean Circulation Journal, 2015, 45, 67.	1.9	3
98	Comorbidities Frequency in Takotsubo Syndrome: An International Collaborative Systematic Review Including 1109 Patients. American Journal of Medicine, 2015, 128, 654.e11-654.e19.	1.5	157
99	Procedural Predictors of Angiographic Restenosis After Bifurcation Coronary Stenting (from the) Tj ETQq $1\ 1\ 0.784$	1314 rgBT	/Overlock 1 2
100	Update on percutaneous intervention for left main coronary artery stenosis. Expert Review of Cardiovascular Therapy, 2015, 13, 933-943.	1.5	1
101	Randomized Trial of Stents VersusÂBypass Surgery for Left Main Coronary Artery Disease. Journal of the American College of Cardiology, 2015, 65, 2198-2206.	2.8	308
102	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. American Journal of Cardiology, 2015, 116, 1163-1171.	1.6	9
103	Outcomes of hemodynamically stable patients with pancreatic injury after blunt abdominal trauma. Pancreatology, 2012, 12, 487-492.	1.1	23
104	Takotsubo Cardiomyopathy: A Case of Persistent Apical Ballooning Complicated by an Apical Mural Thrombus. Korean Journal of Internal Medicine, 2011, 26, 455.	1.7	16
105	Outcomes of Patients with Stress-Induced Cardiomyopathy Diagnosed by Echocardiography in a Tertiary Referral Hospital. Journal of the American Society of Echocardiography, 2010, 23, 766-771.	2.8	92
106	Endovascular Therapy for Complex Iliac Lesions: There Is Much More to Be Defined. Korean Circulation Journal, 0, 52, .	1.9	0