

# Jae-Hyung Roh

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,221  
citations

567281

15  
h-index

395702

33  
g-index

68  
all docs

68  
docs citations

68  
times ranked

2383  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Diagnostic performance of on-site CT-derived fractional flow reserve versus CT perfusion. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 432-440.	1.2	90
3	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
4	Randomized Comparisons Between Different Stenting Approaches for Bifurcation Coronary Lesions With or Without Side Branch Stenosis. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 550-560.	2.9	74
5	Deep learning segmentation of major vessels in X-ray coronary angiography. <i>Scientific Reports</i> , 2019, 9, 16897.	3.3	64
6	Effect of Statin Treatment on Modifying Plaque Composition. <i>Journal of the American College of Cardiology</i> , 2016, 67, 1772-1783.	2.8	63
7	Stress Myocardial Perfusion CT in Patients Suspected of Having Coronary Artery Disease: Visual and Quantitative Analysis—Validation by Using Fractional Flow Reserve. <i>Radiology</i> , 2015, 276, 715-723.	7.3	56
8	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
9	A weaning protocol administered by critical care nurses for the weaning of patients from mechanical ventilation. <i>Journal of Critical Care</i> , 2012, 27, 549-555.	2.2	35
10	Clinical Significance of Serum Autoantibodies in Idiopathic Interstitial Pneumonia. <i>Journal of Korean Medical Science</i> , 2013, 28, 731.	2.5	33
11	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
12	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
13	Distal Radial Approach through the Anatomical Snuff Box for Coronary Angiography and Percutaneous Coronary Intervention. <i>Korean Circulation Journal</i> , 2018, 48, 1131.	1.9	20
14	Association between non-alcoholic fatty liver disease and risk of new-onset atrial fibrillation in healthy adults. <i>Liver International</i> , 2020, 40, 338-346.	3.9	18
15	Higher fatty liver index is associated with increased risk of new onset heart failure in healthy adults: a nationwide population-based study in Korea. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 204.	1.7	18
16	Serum levels of carbohydrate antigen 125 in combination with N-terminal pro-brain natriuretic peptide in patients with acute decompensated heart failure. <i>Korean Journal of Internal Medicine</i> , 2019, 34, 811-818.	1.7	16
17	Prediabetes is not a risk factor for subclinical coronary atherosclerosis. <i>International Journal of Cardiology</i> , 2017, 243, 479-484.	1.7	14
18	A Close Relationship between Non-Alcoholic Fatty Liver Disease Marker and New-Onset Hypertension in Healthy Korean Adults. <i>Korean Circulation Journal</i> , 2020, 50, 695.	1.9	14

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19	Risk of New Native-Vessel Occlusion After Coronary Artery Bypass Grafting. <i>American Journal of Cardiology</i> , 2017, 119, 7-13.	1.6	13
20	Video-Assisted Thoracoscopic Left Cardiac Sympathetic Denervation in Patients with Hereditary Ventricular Arrhythmias. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2017, 40, 232-241.	1.2	12
21	Deep Reinforcement Learning for Guidewire Navigation in Coronary Artery Phantom. <i>IEEE Access</i> , 2021, 9, 166409-166422.	4.2	12
22	Readmission Rate After Coronary Artery Bypass Grafting Versus Percutaneous Coronary Intervention for Unprotected Left Main Coronary Artery Narrowing. <i>American Journal of Cardiology</i> , 2014, 113, 1639-1646.	1.6	11
23	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
24	Stent fracture and longitudinal compression detected on coronary CT angiography in the first- and new-generation drug-eluting stents. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 637-646.	1.5	11
25	In vivo validation of mathematically derived fractional flow reserve for assessing haemodynamics of coronary tandem lesions. <i>EuroIntervention</i> , 2016, 12, e1375-e1384.	3.2	10
26	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
27	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
28	Moderate-intensity versus high-intensity statin therapy in Korean patients with angina undergoing percutaneous coronary intervention with drug-eluting stents: A propensity-score matching analysis. <i>PLoS ONE</i> , 2018, 13, e0207889.	2.5	9
29	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
30	Which technique for double stenting in unprotected left main bifurcation coronary lesions?. <i>EuroIntervention</i> , 2015, 11, V125-V128.	3.2	9
31	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
32	Prognostic Impact of Left Atrial Strain After Mitral Valve Repair Surgery in Patients With Severe Mitral Regurgitation. <i>Korean Circulation Journal</i> , 2022, 52, 205.	1.9	7
33	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
34	Two Cases of Pulmonary Involvement of Immunoglobulin G4 Related Autoimmune Disease. <i>Tuberculosis and Respiratory Diseases</i> , 2009, 67, 359.	1.8	6
35	A nationwide survey of the association between nonalcoholic fatty liver disease and the incidence of asthma in Korean adults. <i>PLoS ONE</i> , 2022, 17, e0262715.	2.5	6
36	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

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37	Ultrasound-Guided Core Needle Biopsy for Head and Neck Mass Lesions in Patients Undergoing Antiplatelet or Anticoagulation Therapy: A Preliminary Report. <i>Journal of Ultrasound in Medicine</i> , 2017, 36, 1339-1346.	1.7	5
38	Clinical Outcomes of Atherectomy Plus Drug-coated Balloon Versus Drug-coated Balloon Alone in the Treatment of Femoropopliteal Artery Disease. <i>Korean Circulation Journal</i> , 2022, 52, 123.	1.9	5
39	Coronary bifurcation stent morphology in dual-source CT: validation with micro-CT. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1659-1665.	1.5	4
40	Homocysteine is not a risk factor for subclinical coronary atherosclerosis in asymptomatic individuals. <i>PLoS ONE</i> , 2020, 15, e0231428.	2.5	4
41	Association between nonalcoholic fatty liver disease and cardiovascular disease revealed after comprehensive control of metabolic risk factors: a nationwide population-based study in Korea. <i>European Journal of Gastroenterology and Hepatology</i> , 2021, 33, e375-e382.	1.6	4
42	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
43	Impact of Impaired Renal Function on the Incidence of Atrial Fibrillation following Radiofrequency Ablation of Cavotricuspid Isthmus-Dependent Atrial Flutter. <i>Korean Circulation Journal</i> , 2015, 45, 473.	1.9	3
44	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
45	Pre-existing depression in patients with coronary artery disease undergoing percutaneous coronary intervention. <i>Scientific Reports</i> , 2021, 11, 8600.	3.3	3
46	Time-dependent reversal of significant intrapulmonary shunt after liver transplantation. <i>Korean Journal of Internal Medicine</i> , 2019, 34, 510-518.	1.7	3
47	Role of Carotid Artery Stenting in Prevention of Stroke for Asymptomatic Carotid Stenosis: Bayesian Cross-Design and Network Meta-Analyses. <i>Korean Circulation Journal</i> , 2020, 50, 330.	1.9	3
48	Procedural Predictors of Angiographic Restenosis After Bifurcation Coronary Stenting (from the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	1.6	2
49	Percutaneous treatment of left main and non-left main bifurcation coronary lesions using drug-eluting stents. <i>Expert Review of Cardiovascular Therapy</i> , 2016, 14, 229-243.	1.5	2
50	Fate of Grafts Bypassing Nonischemic Versus Ischemic Inducing Coronary Stenosis. <i>American Journal of Cardiology</i> , 2018, 122, 1148-1154.	1.6	2
51	Angiotensin-Converting Enzyme Inhibitor-based Versus Angiotensin Receptor Blocker-based Optimal Medical Therapy After Percutaneous Coronary Intervention: A Nationwide Cohort Study. <i>Journal of Cardiovascular Pharmacology</i> , 2021, 77, 61-68.	1.9	2
52	Ticagrelor versus prasugrel in patients with acute myocardial infarction. <i>International Journal of Cardiology</i> , 2021, 344, 25-30.	1.7	2
53	Effect of atrial fibrillation in Asian patients undergoing percutaneous coronary intervention with drug-eluting stents for stable coronary artery disease. <i>Medicine (United States)</i> , 2018, 97, e13488.	1.0	1
54	The modified balloon crush technique. <i>Medicine (United States)</i> , 2018, 97, e12808.	1.0	1

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55	Hospital-level variation in follow-up strategies after percutaneous coronary intervention, revealed in health claims data of Korea. Scientific Reports, 2021, 11, 3322.	3.3	1
56	Comparison of new implantation of cardiac implantable electronic device between tertiary and non-tertiary hospitals: a Korean nationwide study. Scientific Reports, 2021, 11, 3705.	3.3	1
57	A Case of Miliary Tuberculosis in a Patient with Behcet's Disease and Uveitis Receiving Infliximab. Tuberculosis and Respiratory Diseases, 2009, 67, 454.	1.8	1
58	A Case of Yellow Nail Syndrome Manifesting as Chronic Recurrent Pleural Effusion. Tuberculosis and Respiratory Diseases, 2009, 67, 565.	1.8	0
59	Technical Feasibility and Safety of Percutaneous Coronary Intervention for True Ostial Left Anterior Descending Arteryâ€“Chronic Total Occlusion. Canadian Journal of Cardiology, 2021, 37, 458-466.	1.7	0
60	Radial Plus Ipsilateral Femoral Approach is Feasible in Percutaneous Interventions for Iliac Artery Chronic Total Occlusion. Annals of Vascular Surgery, 2021, 71, 257-263.	0.9	0
61	A Novel â€“Bailout Switch Crush Techniqueâ€™ for a Jailed Side Branch Unable to Rewire. Korean Circulation Journal, 2021, 51, 939.	1.9	0
62	Clinical Feature of Primary Pulmonary Non-Hodgkin's Lymphoma. Tuberculosis and Respiratory Diseases, 2010, 69, 354.	1.8	0
63	Predictive Value of Estimated Glomerular Filtration Rate for the Prognosis of Elderly Patients With Acute Myocardial Infarction. Annals of Geriatric Medicine and Research, 2017, 21, 10-16.	1.8	0
64	Title is missing!. , 2020, 15, e0231428.		0
65	Title is missing!. , 2020, 15, e0231428.		0
66	Title is missing!. , 2020, 15, e0231428.		0
67	Title is missing!. , 2020, 15, e0231428.		0