Inpyeong Hwang

List of Publications by Year in descending order

72 papers	1,189 citations	361413 20 h-index	477307 29 g-index
78 all docs	78 docs citations	78 times ranked	1893 citing authors

#	Article	IF	Citations
1	Myocardial Strain in Prediction of Outcomes After Surgery for SevereÂMitralÂRegurgitation. JACC: Cardiovascular Imaging, 2018, 11, 1235-1244.	5.3	98
2	Prognostic power of left atrial strain in patients with acute heart failure. European Heart Journal Cardiovascular Imaging, 2021, 22, 210-219.	1.2	50
3	Left Atrial Strain as a Predictor of New-Onset Atrial Fibrillation in Patients With HeartÂFailure. JACC: Cardiovascular Imaging, 2020, 13, 2071-2081.	5.3	47
4	Statin therapy is associated with lower all-cause mortality in patients with non-obstructive coronary artery disease. Atherosclerosis, 2015, 239, 335-342.	0.8	46
5	Myofilament Ca2+ desensitization mediates positive lusitropic effect of neuronal nitric oxide synthase in left ventricular myocytes from murine hypertensive heart. Journal of Molecular and Cellular Cardiology, 2013, 60, 107-115.	1.9	38
6	PDE 5 inhibition with udenafil improves left ventricular systolic/diastolic functions and exercise capacity in patients with chronic heart failure with reduced ejection fraction; A 12-week, randomized, double-blind, placebo-controlled trial. American Heart Journal, 2015, 169, 813-822.e3.	2.7	37
7	Different effects of SGLT2 inhibitors according to the presence and types of heart failure in type 2 diabetic patients. Cardiovascular Diabetology, 2020, 19, 69.	6.8	36
8	Pulmonary hemodynamics and effects of phosphodiesterase type 5 inhibition in heart failure: a meta-analysis of randomized trials. BMC Cardiovascular Disorders, 2017, 17, 150.	1.7	32
9	Epicardial Adipose Tissue Contributes to the Development of Non-Calcified Coronary Plaque: A 5-Year Computed Tomography Follow-up Study. Journal of Atherosclerosis and Thrombosis, 2017, 24, 262-274.	2.0	32
10	Association of four lipid components with mortality, myocardial infarction, and stroke in statin-naÃ¯ve young adults: A nationwide cohort study. European Journal of Preventive Cardiology, 2020, 27, 870-881.	1.8	31
11	Impact of acute exercise on brachial artery flow-mediated dilatation in young healthy people. Cardiovascular Ultrasound, 2012, 10, 39.	1.6	28
12	Unsupervised Cluster Analysis of Patients With Aortic Stenosis Reveals Distinct Population With Different Phenotypes and Outcomes. Circulation: Cardiovascular Imaging, 2020, 13, e009707.	2.6	28
13	Trends of the prevalence and incidence of hypertrophic cardiomyopathy in Korea: A nationwide population-based cohort study. PLoS ONE, 2020, 15, e0227012.	2.5	28
14	Mildly Abnormal Lipid Levels, but Not High Lipid Variability, Are Associated With Increased Risk of Myocardial Infarction and Stroke in â€œStatin-Naiveâ€•Young Population A Nationwide Cohort Study. Circulation Research, 2020, 126, 824-835.	4.5	27
15	Reverse remodelling by sacubitril/valsartan predicts the prognosis in heart failure with reduced ejection fraction. ESC Heart Failure, 2021, 8, 2058-2069.	3.1	25
16	Systemic Inflammation Is Associated With Coronary Artery Calcification and All-Cause Mortality in Chronic Kidney Disease. Circulation Journal, 2016, 80, 1644-1652.	1.6	24
17	Additional prognostic value of brachial-ankle pulse wave velocity to coronary computed tomography angiography in patients with suspected coronary artery disease. Atherosclerosis, 2018, 268, 127-137.	0.8	24
18	Aortic valve replacement-induced changes in native T1 are related to prognosis in severe aortic stenosis: T1 mapping cardiac magnetic resonance imaging study. European Heart Journal Cardiovascular Imaging, 2020, 21, 653-663.	1.2	24

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19	Association of physical activity with all-cause and cardiovascular mortality in 7666 adults with hypertrophic cardiomyopathy (HCM): more physical activity is better. British Journal of Sports Medicine, 2021, 55, 1034-1040.	6.7	24
20	Therapeutic Potential of a Novel Necrosis Inhibitor, 7-Amino-Indole, in Myocardial Ischemiaâ€“Reperfusion Injury. Hypertension, 2018, 71, 1143-1155.	2.7	22
21	Myocardial Strain for Identification of Î²-Blocker Responders in Heart Failure with Preserved Ejection Fraction. Journal of the American Society of Echocardiography, 2019, 32, 1462-1469.e8.	2.8	22
22	Supplementary role of left ventricular global longitudinal strain for predicting sudden cardiac death in hypertrophic cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2022, 23, 1108-1116.	1.2	22
23	Left Atrial Reservoir Strain-Based Left Ventricular Diastolic Function Grading and Incident Heart Failure in Hypertrophic Cardiomyopathy. Circulation: Cardiovascular Imaging, 2022, 15, e013556.	2.6	22
24	Myocardial scarring on cardiovascular magnetic resonance in asymptomatic or minimally symptomatic patients with â€œpureâ€•apical hypertrophic cardiomyopathy. Journal of Cardiovascular Magnetic Resonance, 2012, 14, 52.	3.3	20
25	Association between Aspirin Therapy and Clinical Outcomes in Patients with Non-Obstructive Coronary Artery Disease: A Cohort Study. PLoS ONE, 2015, 10, e0129584.	2.5	20
26	Erythropoietin priming improves the vasculogenic potential of G-CSF mobilized human peripheral blood mononuclear cells. Cardiovascular Research, 2014, 104, 171-182.	3.8	19
27	Left Atrial Strain Measurement. JACC: Cardiovascular Imaging, 2020, 13, 2327-2329.	5.3	18
28	H2FPEF Score Reflects the Left Atrial Strain and Predicts Prognosis in Patients With Heart Failure With Preserved Ejection Fraction. Journal of Cardiac Failure, 2021, 27, 198-207.	1.7	18
29	Reverse Remodeling Assessed by LeftÂAtrial and Ventricular Strain ReflectsÂTreatment Response to Sacubitril/Valsartan. JACC: Cardiovascular Imaging, 2022, 15, 1525-1541.	5.3	18
30	Association Between Global Longitudinal Strain and Cardiovascular Events in Patients With Left Bundle Branch Block Assessed Using Two-Dimensional Speckle-Tracking Echocardiography. Journal of the American Society of Echocardiography, 2018, 31, 52-63.e6.	2.8	17
31	Risk of end-stage renal disease in patients with hypertrophic cardiomyopathy: A nationwide population-based cohort study. Scientific Reports, 2019, 9, 14565.	3.3	17
32	Prognostic value of lower bone mineral density in predicting adverse cardiovascular disease in Asian women. Heart, 2021, 107, 1040-1046.	2.9	17
33	Risk stratification of non-obstructive coronary artery disease for guidance of preventive medical therapy. Atherosclerosis, 2019, 290, 66-73.	0.8	16
34	Derivation and validation of a mortality risk prediction model using global longitudinal strain in patients with acute heart failure. European Heart Journal Cardiovascular Imaging, 2020, 21, 1412-1420.	1.2	16
35	Prognostic value of B-type natriuretic peptide in patients with chronic mitral regurgitation undergoing surgery: mid-term follow-up results. European Journal of Cardio-thoracic Surgery, 2013, 43, e1-e6.	1.4	14
36	Left Atrial Strain to Predict Stroke in Patients With Acute Heart Failure and Sinus Rhythm. Journal of the American Heart Association, 2021, 10, e020414.	3.7	14

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37	Combined effects of ARNI and SGLT2 inhibitors in diabetic patients with heart failure with reduced ejection fraction. Scientific Reports, 2021, 11, 22342.	3.3	12
38	Diagnostic yield of coronary angiography in patients with acute chest pain: role of noninvasive test. American Journal of Emergency Medicine, 2014, 32, 1-6.	1.6	11
39	Reversibility of Atrioventricular Block According to Coronary Artery Disease: Results of a Retrospective Study. Korean Circulation Journal, 2012, 42, 816.	1.9	10
40	Coronary computed tomography angiography vs. myocardial single photon emission computed tomography in patients with intermediate risk chest pain: a randomized clinical trial for cost-effectiveness comparison based on real-world cost. European Heart Journal Cardiovascular Imaging, 2019, 20, 417-425.	1.2	10
41	Time trajectory of cardiac function and its relation with survival in patients with light-chain cardiac amyloidosis. European Heart Journal Cardiovascular Imaging, 2021, 22, 459-469.	1.2	10
42	Early rehabilitation in a critically ill inpatient with COVID-19. European Journal of Physical and Rehabilitation Medicine, 2021, 56, 858-861.	2.2	9
43	Primary Malignant Pericardial Mesothelioma Presenting as Acute Pericarditis. Journal of Cardiovascular Imaging, 2012, 20, 57.	0.8	8
44	ULTIMATE-SHF trial (UdenafiL Therapy to Improve symptoMAtology, exercise Tolerance and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 467 T placebo-controlled, double-blind trial. Trials, 2013, 14, 188.	1.6	8
45	Therapeutic Temperature Modulation for a Critically Ill Patient with COVID-19. Journal of Korean Medical Science, 2020, 35, e210.	2.5	8
46	Quantified degree of eccentricity of aortic valve calcification predicts risk of paravalvular regurgitation and response to balloon post-dilation after self-expandable transcatheter aortic valve replacement. International Journal of Cardiology, 2018, 259, 60-68.	1.7	7
47	Endothelin-1 Augments Therapeutic Potency of Human Mesenchymal Stem Cells via CDH2 and VEGF Signaling. Molecular Therapy - Methods and Clinical Development, 2019, 13, 503-511.	4.1	7
48	Current Key Issues in Transcatheter Aortic Valve Replacement Undergoing a Paradigm Shift. Circulation Journal, 2019, 83, 952-962.	1.6	7
49	Effect of Moderately but Persistently Elevated Lipid Levels on Risks of Stroke and Myocardial Infarction in Young Korean Adults. Journal of the American Heart Association, 2021, 10, e020050.	3.7	7
50	Predicting Long-Term Mortality in Patients With Acute Heart Failure by Using Machine Learning. Journal of Cardiac Failure, 2022, 28, 1078-1087.	1.7	7
51	Body Mass Index, Muscle Mass, and All-Cause Mortality in Patients With Acute Heart Failure: The Obesity Paradox Revisited. International Journal of Heart Failure, 0, 4, .	2.7	7
52	Predictors of paravalvular aortic regurgitation after surgery for Behcetâ€™s disease-related severe aortic regurgitation. Orphanet Journal of Rare Diseases, 2019, 14, 132.	2.7	6
53	Myocardial Positron Emission Tomography for Evaluation of Cardiac Sarcoidosis: Specialized Protocols for Better Diagnosis. Journal of Cardiovascular Imaging, 2020, 28, 79.	0.7	6
54	Independent Prognostic Utility of ¹¹C-Pittsburgh Compound B PET in Patients with Light-Chain Cardiac Amyloidosis. Journal of Nuclear Medicine, 2022, 63, 1064-1069.	5.0	6

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55	Comparison of mortality and cause of death between adults with and without hypertrophic cardiomyopathy. Scientific Reports, 2022, 12, 6386.	3.3	6
56	The first picture archiving and communication system in Lao Peopleâ€™s Democratic Republic: Changes in the utilization rate of imaging tests in the first year after implementation. International Journal of Medical Informatics, 2016, 94, 31-38.	3.3	5
57	Comparison of midâ€•to longâ€•term clinical outcomes between anatomical testing and usual care in patients with suspected coronary artery disease: A metaâ€•analysis of randomized trials. Clinical Cardiology, 2017, 40, 1129-1138.	1.8	5
58	Congenital heart disease at Laos Children's Hospital: Two year experience. Pediatrics International, 2017, 59, 271-279.	0.5	5
59	Proteinuria is an independent predictor of rapid progression of mild to moderate aortic stenosis in patients with preserved renal function. International Journal of Cardiovascular Imaging, 2019, 35, 481-489.	1.5	5
60	Change of B-Type Natriuretic Peptide After Surgery and Its Association With Rhythm Status in Patients With Chronic Severe Mitral Regurgitation. Canadian Journal of Cardiology, 2013, 29, 704-711.	1.7	4
61	Clinical impact of atrial fibrillation in a nationwide cohort of hypertrophic cardiomyopathy patients. Annals of Translational Medicine, 2020, 8, 1386.	1.7	4
62	Myocardial strain to identify benefit from betaâ€•blockers in patients with heart failure with reduced ejection fraction. ESC Heart Failure, 2022, , .	3.1	3
63	Effect of Dipeptidyl Peptidase-4 Inhibitor on All-Cause Mortality and Coronary Revascularization in Diabetic Patients. Journal of Cardiovascular Imaging, 2015, 23, 233.	0.8	2
64	Long-term Prognosis of Mild to Moderate Aortic Stenosis and Coronary Artery Disease. Journal of Korean Medical Science, 2021, 36, e47.	2.5	2
65	Myocardial Efficiency: A Reliable Load-independent Parameter of Cardiac Performance?. Journal of Cardiovascular Imaging, 2020, 28, 279.	0.7	2
66	Three-Dimensional Myocardial Strain for the Prediction of Clinical Events in Patients With ST-Segment Elevation Myocardial Infarction. Journal of Cardiovascular Imaging, 2022, 30, 185.	0.7	2
67	Heart failure and atrial fibrillation in patients with an interatrial shunt. Clinical Research in Cardiology, 2021, 110, 1270-1279.	3.3	1
68	Sex-specific impact of diabetes mellitus on left ventricular systolic function and prognosis in heart failure. Scientific Reports, 2021, 11, 11664.	3.3	1
69	Feasibility of the contractionâ€“relaxation coupling index in outcome prediction for patients with acute heart failure. ESC Heart Failure, 2022, 9, 1228-1238.	3.1	1
70	Healthcare utilization, medical expenditure, and mortality in Korean patients with pulmonary hypertension. BMC Pulmonary Medicine, 2019, 19, 189.	2.0	0
71	Decreased Peak Left Atrial Longitudinal Strain Is Associated with Persistent Pulmonary Hypertension Associated with Left Heart Disease. Journal of Clinical Medicine, 2022, 11, 3510.	2.4	0
72	Augmented risk of dementia in hypertrophic cardiomyopathy: A propensity score matching analysis using the nationwide cohort. PLoS ONE, 2022, 17, e0269911.	2.5	0