

Hyun-Jai Cho

List of Publications by Year in descending order

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Version: 2024-02-01

95
papers

3,263
citations

236925

25
h-index

161849

54
g-index

96
all docs

96
docs citations

96
times ranked

4432
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of intracoronary infusion of peripheral blood stem-cells mobilised with granulocyte-colony stimulating factor on left ventricular systolic function and restenosis after coronary stenting in myocardial infarction: the MAGIC cell randomised clinical trial. <i>Lancet, The</i> , 2004, 363, 751-756.	13.7	871
2	Malignant Tumor Formation After Transplantation of Short-Term Cultured Bone Marrow Mesenchymal Stem Cells in Experimental Myocardial Infarction and Diabetic Neuropathy. <i>Circulation Research</i> , 2011, 108, 1340-1347.	4.5	293
3	Induction of pluripotent stem cells from adult somatic cells by protein-based reprogramming without genetic manipulation. <i>Blood</i> , 2010, 116, 386-395.	1.4	217
4	A multicentre cohort study of acute heart failure syndromes in Korea: rationale, design, and interim observations of the Korean Acute Heart Failure (<scp>KorAHF</scp>) registry. <i>European Journal of Heart Failure</i> , 2014, 16, 700-708.	7.1	145
5	Clinical Characteristics and Outcome of Acute Heart Failure in Korea: Results from the Korean Acute Heart Failure Registry (KorAHF). <i>Korean Circulation Journal</i> , 2017, 47, 341.	1.9	131
6	Blood pressure and heart failure. <i>Clinical Hypertension</i> , 2020, 26, 1.	2.0	85
7	Artificial intelligence algorithm for predicting mortality of patients with acute heart failure. <i>PLoS ONE</i> , 2019, 14, e0219302.	2.5	84
8	M-CSF from Cancer Cells Induces Fatty Acid Synthase and PPAR α Activation in Tumor Myeloid Cells, Leading to Tumor Progression. <i>Cell Reports</i> , 2015, 10, 1614-1625.	6.4	72
9	MDM2 E3 ligase-mediated ubiquitination and degradation of HDAC1 in vascular calcification. <i>Nature Communications</i> , 2016, 7, 10492.	12.8	72
10	Reverse J-Curve Relationship Between On-Treatment Blood Pressure and Mortality in Patients With Heart Failure. <i>JACC: Heart Failure</i> , 2017, 5, 810-819.	4.1	68
11	Characteristics, Outcomes, and Treatment of Heart Failure With Improved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2019, 8, e011077.	3.7	61
12	Korean Guidelines for Diagnosis and Management of Chronic Heart Failure. <i>Korean Circulation Journal</i> , 2017, 47, 555.	1.9	56
13	Prevalence and socio-economic burden of heart failure in an aging society of South Korea. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 215.	1.7	50
14	Focused Update of 2016 Korean Society of Heart Failure Guidelines for the Management of Chronic Heart Failure. <i>International Journal of Heart Failure</i> , 2019, 1, 4.	2.7	45
15	Neutrophil-Lymphocyte Ratio in Patients with Acute Heart Failure Predicts In-Hospital and Long-Term Mortality. <i>Journal of Clinical Medicine</i> , 2020, 9, 557.	2.4	43
16	Functional polymorphism in the promoter region of the gelatinase B gene in relation to coronary artery disease and restenosis after percutaneous coronary intervention. <i>Journal of Human Genetics</i> , 2002, 47, 88-91.	2.3	39
17	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. <i>American Heart Journal</i> , 2015, 169, 813-822.e3.	2.7	37
18	Outcomes of de novo and acute decompensated heart failure patients according to ejection fraction. <i>Heart</i> , 2018, 104, 525-532.	2.9	36

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19	Risk prediction for 30-day heart failure-specific readmission or death after discharge: Data from the Korean Acute Heart Failure (KorAHF) registry. <i>Journal of Cardiology</i> , 2019, 73, 108-113.	1.9	35
20	Pittsburgh B Compound Positron Emission Tomography in Patients With AL Cardiac Amyloidosis. <i>Journal of the American College of Cardiology</i> , 2020, 75, 380-390.	2.8	35
21	Secondary Sphere Formation Enhances the Functionality of Cardiac Progenitor Cells. <i>Molecular Therapy</i> , 2012, 20, 1750-1766.	8.2	34
22	Comparison of Characteristics and 3-Year Outcomes in Patients With Acute Heart Failure With Preserved, Mid-Range, and Reduced Ejection Fraction. <i>Circulation Journal</i> , 2019, 83, 347-356.	1.6	33
23	Predictors and Prognostic Value of Worsening Renal Function During Admission in HFpEF Versus HFrEF: Data From the KorAHF (Korean Acute Heart Failure) Registry. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	32
24	Guideline-directed medical therapy in elderly patients with heart failure with reduced ejection fraction: a cohort study. <i>BMJ Open</i> , 2020, 10, e030514.	1.9	31
25	KSHF Guidelines for the Management of Acute Heart Failure: Part I. Definition, Epidemiology and Diagnosis of Acute Heart Failure. <i>Korean Circulation Journal</i> , 2019, 49, 1.	1.9	29
26	The Effect of Door-to-Diuretic Time on Clinical Outcomes in Patients With Acute Heart Failure. <i>JACC: Heart Failure</i> , 2018, 6, 286-294.	4.1	28
27	Therapeutic Potential of a Novel Necrosis Inhibitor, 7-Amino-Indole, in Myocardial Ischemia Reperfusion Injury. <i>Hypertension</i> , 2018, 71, 1143-1155.	2.7	22
28	KSHF Guidelines for the Management of Acute Heart Failure: Part II. Treatment of Acute Heart Failure. <i>Korean Circulation Journal</i> , 2019, 49, 22.	1.9	21
29	Generation of human secondary cardiospheres as a potent cell processing strategy for cell-based cardiac repair. <i>Biomaterials</i> , 2013, 34, 651-661.	11.4	20
30	Characteristics and outcomes of HFpEF with declining ejection fraction. <i>Clinical Research in Cardiology</i> , 2020, 109, 225-234.	3.3	20
31	Body fluid status assessment by bio-impedance analysis in patients presenting to the emergency department with dyspnea. <i>Korean Journal of Internal Medicine</i> , 2018, 33, 911-921.	1.7	20
32	The Korean Organ Transplant Registry (KOTRY): Second Official Adult Heart Transplant Report. <i>Korean Circulation Journal</i> , 2019, 49, 724.	1.9	20
33	Impact of diabetes mellitus on mortality in patients with acute heart failure: a prospective cohort study. <i>Cardiovascular Diabetology</i> , 2020, 19, 49.	6.8	18
34	Impact of a Telehealth Program With Voice Recognition Technology in Patients With Chronic Heart Failure: Feasibility Study. <i>JMIR MHealth and UHealth</i> , 2017, 5, e127.	3.7	17
35	Discrepancy between short-term and long-term effects of bone marrow-derived cell therapy in acute myocardial infarction: a systematic review and meta-analysis. <i>Stem Cell Research and Therapy</i> , 2016, 7, 153.	5.5	15
36	Nutritional risk index as a predictor of mortality in acutely decompensated heart failure. <i>PLoS ONE</i> , 2018, 13, e0209088.	2.5	15

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37	The impact of hepatitis B on heart transplantation: 19 years of national experience in Korea. <i>Annals of Transplantation</i> , 2014, 19, 182-187.	0.9	14
38	Comparative Study of Efficacy of Dopaminergic Neuron Differentiation between Embryonic Stem Cell and Protein-Based Induced Pluripotent Stem Cell. <i>PLoS ONE</i> , 2014, 9, e85736.	2.5	14
39	Early Parasympathetic Reinnervation Is Not Related to Reconnection of Major Branches of the Vagus Nerve after Heart Transplantation. <i>Korean Circulation Journal</i> , 2016, 46, 197.	1.9	13
40	Characterization of Post-Translational Modifications to Calsequestrins of Cardiac and Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1539.	4.1	13
41	Admission Hyperglycemia as a Predictor of Mortality in Acute Heart Failure: Comparison between the Diabetics and Non-Diabetics. <i>Journal of Clinical Medicine</i> , 2020, 9, 149.	2.4	13
42	Impact of insulin therapy on the mortality of acute heart failure patients with diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2021, 20, 180.	6.8	13
43	Real-World Eligibility for Sacubitril/Valsartan in Heart Failure with Reduced Ejection Fraction Patients in Korea: Data from the Korean Acute Heart Failure (KorAHF) Registry. <i>International Journal of Heart Failure</i> , 2019, 1, 57.	2.7	13
44	Phenotypic modulation of human cardiospheres between stemness and paracrine activity, and implications for combined transplantation in cardiovascular regeneration. <i>Biomaterials</i> , 2013, 34, 9819-9829.	11.4	12
45	KSHF Guidelines for the Management of Acute Heart Failure: Part III. Specific Management of Acute Heart Failure According to the Etiology and Co-morbidity. <i>Korean Circulation Journal</i> , 2019, 49, 46.	1.9	12
46	Guideline-directed therapy at discharge in patients with heart failure and atrial fibrillation. <i>Heart</i> , 2020, 106, 292-298.	2.9	12
47	An antibody against L1 cell adhesion molecule inhibits cardiotoxicity by regulating persistent DNA damage. <i>Nature Communications</i> , 2021, 12, 3279.	12.8	12
48	Real-world eligibility for vericiguat in decompensated heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , 2022, 9, 1492-1495.	3.1	12
49	Hyponatraemia and its prognosis in acute heart failure is related to right ventricular dysfunction. <i>Heart</i> , 2018, 104, 1670-1677.	2.9	11
50	Coronary artery bypass graft versus percutaneous coronary intervention in acute heart failure. <i>Heart</i> , 2020, 106, 50-57.	2.9	11
51	Lysophosphatidic Acid Receptor 4 Is Transiently Expressed during Cardiac Differentiation and Critical for Repair of the Damaged Heart. <i>Molecular Therapy</i> , 2021, 29, 1151-1163.	8.2	11
52	Prognostic Effect of Guideline-Directed Therapy Is More Noticeable Early in the Course of Heart Failure. <i>Journal of Korean Medical Science</i> , 2019, 34, e133.	2.5	11
53	Effects of intensive versus mild lipid lowering by statins in patients with ischemic congestive heart failure: Korean Pitavastatin Heart Failure (SAPHIRE) study. <i>Korean Journal of Internal Medicine</i> , 2014, 29, 754.	1.7	11
54	Effects of angiotensin receptor blocker at discharge in patients with heart failure with reduced ejection fraction: Korean Acute Heart Failure (KorAHF) registry. <i>International Journal of Cardiology</i> , 2018, 257, 168-176.	1.7	10

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55	Identification of Latrophilin-2 as a Novel Cell-Surface Marker for the Cardiomyogenic Lineage and Its Functional Significance in Heart Development. <i>Circulation</i> , 2019, 139, 2910-2912.	1.6	10
56	Adhesion GPCR Latrophilin-2 Specifies Cardiac Lineage Commitment through CDK5, Src, and P38MAPK. <i>Stem Cell Reports</i> , 2021, 16, 868-882.	4.8	10
57	Cell Therapy for Myocardial Infarction. <i>International Journal of Stem Cells</i> , 2010, 3, 8-15.	1.8	10
58	E-Ras improves the efficiency of reprogramming by facilitating cell cycle progression through JNK α Sp1 pathway. <i>Stem Cell Research</i> , 2015, 15, 481-494.	0.7	9
59	The incremental economic burden of heart failure: A population-based investigation from South Korea. <i>PLoS ONE</i> , 2018, 13, e0208731.	2.5	9
60	HLA DR Genome Editing with TALENs in Human iPSCs Produced Immune-Tolerant Dendritic Cells. <i>Stem Cells International</i> , 2021, 2021, 1-14.	2.5	9
61	Somatic Cell Dedifferentiation/Reprogramming for Regenerative Medicine. <i>International Journal of Stem Cells</i> , 2009, 2, 18-27.	1.8	9
62	Percutaneous Extracorporeal Membrane Oxygenation for Graft Dysfunction after Heart Transplantation. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 47, 100-105.	0.6	9
63	Identification of Adult Mesodermal Progenitor Cells and Hierarchy in Atherosclerotic Vascular Calcification. <i>Stem Cells</i> , 2018, 36, 1075-1096.	3.2	7
64	Outcomes After PredischARGE Initiation of β -Blocker in Patients Hospitalized for Severe Decompensated Heart Failure Requiring Inotropic Therapy. <i>Canadian Journal of Cardiology</i> , 2018, 34, 1145-1152.	1.7	7
65	Development of a Rabbit Model for a Preclinical Comparison of Coronary Stent Types <i>In-Vivo</i> . <i>Korean Circulation Journal</i> , 2013, 43, 713.	1.9	6
66	Role of Zscan4 in secondary murine iPSC derivation mediated by protein extracts of ESC or iPSC. <i>Biomaterials</i> , 2015, 59, 102-115.	11.4	6
67	Effects of Widespread Inotrope Use in Acute Heart Failure Patients. <i>Journal of Clinical Medicine</i> , 2018, 7, 368.	2.4	6
68	Effect of renin-angiotensin system blockade in patients with severe renal insufficiency and heart failure. <i>International Journal of Cardiology</i> , 2018, 266, 180-186.	1.7	6
69	Plant callus-derived shikimic acid regenerates human skin through converting human dermal fibroblasts into multipotent skin-derived precursor cells. <i>Stem Cell Research and Therapy</i> , 2021, 12, 346.	5.5	6
70	J-curve relationship between corrected QT interval and mortality in acute heart failure patients. <i>Korean Journal of Internal Medicine</i> , 2020, 35, 1371-1384.	1.7	6
71	Twenty-Year Experience of Heart Transplantation: Early and Long-Term Results. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 49, 242-249.	0.6	6
72	<i>Gata6</i> in pluripotent stem cells enhance the potential to differentiate into cardiomyocytes. <i>BMB Reports</i> , 2018, 51, 85-91.	2.4	6

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73	Management and Prognosis of Heart Failure in Octogenarians: Final Report from the KorAHF Registry. <i>Journal of Clinical Medicine</i> , 2020, 9, 501.	2.4	5
74	Heart Transplantation in a Patient with Persistent Left Superior Vena Cava. <i>Korean Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 47, 533-535.	0.6	5
75	Effects of educational intervention on mortality and patient-reported outcomes in individuals with heart failure: A randomized controlled trial. <i>Patient Education and Counseling</i> , 2022, 105, 2740-2746.	2.2	5
76	NFATc1+CD31+CD45 ⁺ circulating multipotent stem cells derived from human endocardium and their therapeutic potential. <i>Biomaterials</i> , 2020, 232, 119674.	11.4	4
77	Diagnostic Utility and Pathogenic Role of Circulating MicroRNAs in Vasospastic Angina. <i>Journal of Clinical Medicine</i> , 2020, 9, 1313.	2.4	4
78	Imprinted gene Zinc finger protein 127 is a novel regulator of master pluripotency transcription factor, Oct4. <i>BMB Reports</i> , 2018, 51, 242-248.	2.4	4
79	A dose-response relationship of renin-angiotensin system blockers and beta-blockers in patients with acute heart failure syndrome: a nationwide prospective cohort study. <i>European Heart Journal - Cardiovascular Pharmacotherapy</i> , 2022, 8, 587-599.	3.0	4
80	Cardiovascular Regeneration via Stem Cells and Direct Reprogramming: A Review. <i>Korean Circulation Journal</i> , 2022, 52, 341-353.	1.9	4
81	Physician adherence and patient-reported outcomes in heart failure with reduced ejection fraction in the era of angiotensin receptor-neprilysin inhibitor therapy. <i>Scientific Reports</i> , 2022, 12, 7730.	3.3	4
82	Impact of Intensive Glucose Control in Patients with Diabetes Mellitus Undergoing Percutaneous Coronary Intervention: 3-Year Clinical Outcomes. <i>Journal of Clinical Medicine</i> , 2020, 9, 2464.	2.4	2
83	Forkhead Factor, FOXO3a, Induces Apoptosis of Endothelial Cells Through Activation of Matrix Metalloproteinases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 302-308.	2.4	2
84	Incidence, Risk Factors and Prognosis of Contrast-Induced Acute Kidney Injury in Acute Heart Failure Patients Undergoing Coronary Angiography. <i>International Journal of Heart Failure</i> , 2019, 1, 72.	2.7	2
85	The Prescription Characteristics, Efficacy and Safety of Spironolactone in Real-World Patients With Acute Heart Failure Syndrome: A Prospective Nationwide Cohort Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 791446.	2.4	2
86	The G Protein-Coupled Receptor Latrophilin-2, A Marker for Heart Development, Induces Myocardial Repair After Infarction. <i>Stem Cells Translational Medicine</i> , 2022, 11, 332-342.	3.3	2
87	Determinants of left ventricular function improvement for cardiac resynchronization therapy candidates. <i>ESC Heart Failure</i> , 2022, 9, 283-292.	3.1	2
88	Prognostic Value of Short-Term Follow-up of Multiple Biomarkers After Discharge in Hospitalized Patients With Acute Heart Failure (POSTBIO-HF): Rationale and Study Design. <i>International Journal of Heart Failure</i> , 0, 4, .	2.7	2
89	Intractable right coronary artery spasm in the early postoperative period after heart transplantation: a case report. <i>Korean Journal of Transplantation</i> , 2022, 36, 154-158.	0.1	2
90	Fabry Disease that Phenocopies Hypertrophic Cardiomyopathy: a thorough Genetic "Detective" Identifies the "Rogue" Hidden in the GLA Gene. <i>Korean Circulation Journal</i> , 2019, 49, 464.	1.9	1

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91	Prognostic Value of QRS Duration among Patients with Cardiogenic Shock Complicating Acute Heart Failure: Data from the Korean Acute Heart Failure (KorAHF) Registry. <i>International Journal of Heart Failure</i> , 2020, 2, 121.	2.7	1
92	Prognostic Impact and Predictors of New-Onset Atrial Fibrillation in Heart Failure. <i>Life</i> , 2022, 12, 579.	2.4	1
93	Clinical and Histological Response to Immunosuppressive Therapy in Giant Cell Myocarditis. <i>Korean Circulation Journal</i> , 2019, 49, 115.	1.9	0
94	Still a Long Way to Go in Treating Cardiogenic Shock in Acute Myocardial Infarction. <i>Circulation Journal</i> , 2020, 84, 1461-1463.	1.6	0
95	Impact of Cardiac Troponin Elevation on Mortality of Patients with Acute Heart Failure: Insights from the Korea Acute Heart Failure (KorAHF) Registry. <i>Journal of Clinical Medicine</i> , 2022, 11, 2800.	2.4	0