

Sang-Hong Baek

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

1,825
citations

304368

22
h-index

329751

37
g-index

115
all docs

115
docs citations

115
times ranked

2607
citing authors

#	ARTICLE	IF	CITATIONS
1	A multicentre cohort study of acute heart failure syndromes in Korea: rationale, design, and interim observations of the Korean Acute Heart Failure (<sc>KorAHF</sc>) registry. <i>European Journal of Heart Failure</i> , 2014, 16, 700-708.	2.9	145
2	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.	0.7	131
3	Prognosis of Variant Angina Manifesting as Aborted Sudden Cardiac Death. <i>Journal of the American College of Cardiology</i> , 2016, 68, 137-145.	1.2	102
4	Artificial intelligence algorithm for predicting mortality of patients with acute heart failure. <i>PLoS ONE</i> , 2019, 14, e0219302.	1.1	84
5	Effect of partial fatty acid oxidation inhibition with trimetazidine on mortality and morbidity in heart failure: Results from an international multicentre retrospective cohort study. <i>International Journal of Cardiology</i> , 2013, 163, 320-325.	0.8	77
6	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.	1.9	68
7	The 24-Month Prognosis of Patients With Positive or Intermediate Results in the Intracoronary Ergonovine Provocation Test. <i>JACC: Cardiovascular Interventions</i> , 2015, 8, 914-923.	1.1	54
8	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.	1.0	43
9	The prognostic value of arterial blood gas analysis in high-risk acute heart failure patients: an analysis of the Korean Heart Failure (<sc>KorHF</sc>) registry. <i>European Journal of Heart Failure</i> , 2015, 17, 601-611.	2.9	40
10	Validation of the MAGGIC (Meta-Analysis Global Group in Chronic Heart Failure) heart failure risk score and the effect of adding natriuretic peptide for predicting mortality after discharge in hospitalized patients with heart failure. <i>PLoS ONE</i> , 2018, 13, e0206380.	1.1	40
11	MHY2233 Attenuates Replicative Cellular Senescence in Human Endothelial Progenitor Cells via SIRT1 Signaling. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-18.	1.9	37
12	Outcomes of de novo and acute decompensated heart failure patients according to ejection fraction. <i>Heart</i> , 2018, 104, 525-532.	1.2	36
13	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.	0.8	35
14	SURvey of Guideline Adherence for Treatment of Systolic Heart Failure in Real World (SUGAR): A Multi-Center, Retrospective, Observational Study. <i>PLoS ONE</i> , 2014, 9, e86596.	1.1	33
15	Histochole Attenuates Myocardial Ischemia-Reperfusion Injury by Inhibiting Ferroptosis-Induced Cardiomyocyte Death. <i>Antioxidants</i> , 2021, 10, 1624.	2.2	33
16	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, .	1.6	32
17	Guideline-directed medical therapy in elderly patients with heart failure with reduced ejection fraction: a cohort study. <i>BMJ Open</i> , 2020, 10, e030514.	0.8	31
18	Doxorubicin Regulates Autophagy Signals via Accumulation of Cytosolic Ca ²⁺ in Human Cardiac Progenitor Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1680.	1.8	29

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19	Cytotoxicity Evaluation of Turmeric Extract Incorporated Oil-in-Water Nanoemulsion. <i>International Journal of Molecular Sciences</i> , 2018, 19, 280.	1.8	29
20	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.	1.9	28
21	Efficacy and safety of fixed-dose combination therapy with olmesartan medoxomil and rosuvastatin in Korean patients with mild to moderate hypertension and dyslipidemia: an 8-week, multicenter, randomized, double-blind, factorial-design study (OLSTA-D RCT: Olmesartan rosuvastatin from Tj ETQq1 1 0.784314 rgBT /Overlock	2.0	26
22	Short and long-term prognostic value of hyponatremia in heart failure with preserved ejection fraction versus reduced ejection fraction: An analysis of the Korean Acute Heart Failure registry. <i>International Journal of Cardiology</i> , 2017, 248, 239-245.	0.8	26
23	Cardiovascular disease burden in adult patients with cancer: An 11-year nationwide population-based cohort study. <i>International Journal of Cardiology</i> , 2020, 317, 167-173.	0.8	25
24	Impact of the β_2 -1 adrenergic receptor polymorphism on tolerability and efficacy of bisoprolol therapy in Korean heart failure patients: association between β_2 adrenergic receptor polymorphism and bisoprolol therapy in heart failure (ABBA) study. <i>Korean Journal of Internal Medicine</i> , 2016, 31, 277-287.	0.7	23
25	Pharmacological inhibition of mTOR attenuates replicative cell senescence and improves cellular function via regulating the STAT3-PIM1 axis in human cardiac progenitor cells. <i>Experimental and Molecular Medicine</i> , 2020, 52, 615-628.	3.2	23
26	Hierarchical Cluster Analysis of Medical Chemicals Detected by a Bacteriophage-Based Colorimetric Sensor Array. <i>Nanomaterials</i> , 2020, 10, 121.	1.9	22
27	Therapeutic Cell Protective Role of HistoChrome under Oxidative Stress in Human Cardiac Progenitor Cells. <i>Marine Drugs</i> , 2019, 17, 368.	2.2	21
28	Characteristics and outcomes of HFpEF with declining ejection fraction. <i>Clinical Research in Cardiology</i> , 2020, 109, 225-234.	1.5	20
29	Clinical outcome according to spasm type of single coronary artery provoked by intracoronary ergonovine tests in patients without significant organic stenosis. <i>International Journal of Cardiology</i> , 2018, 252, 6-12.	0.8	19
30	Effects of sarcopenia, body mass indices, and sarcopenic obesity on diastolic function and exercise capacity in Koreans. <i>Metabolism: Clinical and Experimental</i> , 2019, 97, 18-24.	1.5	19
31	Impact of diabetes mellitus on mortality in patients with acute heart failure: a prospective cohort study. <i>Cardiovascular Diabetology</i> , 2020, 19, 49.	2.7	18
32	Short-term use of telmisartan attenuates oxidation and improves Prdx2 expression more than antioxidant β_2 -blockers in the cardiovascular systems of spontaneously hypertensive rats. <i>Hypertension Research</i> , 2015, 38, 106-115.	1.5	16
33	Clopidogrel plus Aspirin Use is Associated with Worse Long-Term Outcomes, but Aspirin Use Alone is Safe in Patients with Vasospastic Angina: Results from the VA-Korea Registry, A Prospective Multi-Center Cohort. <i>Scientific Reports</i> , 2019, 9, 17783.	1.6	16
34	Amine-enriched surface modification facilitates expansion, attachment, and maintenance of human cardiac-derived c-kit positive progenitor cells. <i>International Journal of Cardiology</i> , 2013, 168, 100-107.	0.8	14
35	Improvement of Arterial Stiffness in the Transition From Acute Decompensated Heart Failure to Chronic Compensated Heart Failure. <i>Clinical Cardiology</i> , 2013, 36, 358-362.	0.7	13
36	Optimal Use of Beta-Blockers for Congestive Heart Failure. <i>Circulation Journal</i> , 2016, 80, 565-571.	0.7	13

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37	Clinical impact of statin therapy on vasospastic angina: data from a Korea nation-wide cohort study. <i>Heart and Vessels</i> , 2020, 35, 1051-1059.	0.5	13
38	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.	1.0	13
39	Impact of insulin therapy on the mortality of acute heart failure patients with diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2021, 20, 180.	2.7	13
40	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.	0.9	13
41	The mortality benefit of carvedilol versus bisoprolol in patients with heart failure with reduced ejection fraction. <i>Korean Journal of Internal Medicine</i> , 2019, 34, 1030-1039.	0.7	13
42	Cytoprotective Roles of a Novel Compound, MHY-1684, against Hyperglycemia-Induced Oxidative Stress and Mitochondrial Dysfunction in Human Cardiac Progenitor Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10.	1.9	12
43	Beta-Blockers in Patients with Heart Failure with Preserved Ejection Fraction: Results from The Korea Acute Heart Failure (KorAHF) Registry. <i>Korean Circulation Journal</i> , 2019, 49, 238.	0.7	12
44	Comparison of calcium-channel blockers for long-term clinical outcomes in patients with vasospastic angina. <i>Korean Journal of Internal Medicine</i> , 2021, 36, 124-134.	0.7	12
45	Update on the Pharmacotherapy of Heart Failure with Reduced Ejection Fraction. <i>Cardiovascular Prevention and Pharmacotherapy</i> , 2020, 2, 113.	0.0	12
46	High Glucose Causes Human Cardiac Progenitor Cell Dysfunction by Promoting Mitochondrial Fission: Role of a GLUT1 Blocker. <i>Biomolecules and Therapeutics</i> , 2016, 24, 363-370.	1.1	12
47	Real-world eligibility for vericiguat in decompensated heart failure with reduced ejection fraction. <i>ESC Heart Failure</i> , 2022, 9, 1492-1495.	1.4	12
48	Efficacy of fimasartan/hydrochlorothiazide combination in hypertensive patients inadequately controlled by fimasartan monotherapy. <i>Drug Design, Development and Therapy</i> , 2015, 9, 2847.	2.0	11
49	Impact of Cardiorenal Anemia Syndrome on Short- and Long-Term Clinical Outcomes in Patients Hospitalized with Heart Failure. <i>CardioRenal Medicine</i> , 2016, 6, 269-278.	0.7	11
50	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.	0.7	11
51	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.	0.8	10
52	Improved Blood Pressure Control with Nifedipine GITS/Valsartan Combination Versus High-Dose Valsartan Monotherapy in Mild-to-Moderate Hypertensive Patients from Asia: Results from the ADVISE Study, a Randomized Trial. <i>Cardiovascular Therapeutics</i> , 2012, 30, 326-332.	1.1	9
53	Pivotal Cytoprotective Mediators and Promising Therapeutic Strategies for Endothelial Progenitor Cell-Based Cardiovascular Regeneration. <i>Stem Cells International</i> , 2016, 2016, 1-14.	1.2	9
54	Adequate concentration of B cell leukemia/lymphoma 3 (Bcl3) is required for pluripotency and self-renewal of mouse embryonic stem cells via downregulation of Nanog transcription. <i>BMB Reports</i> , 2018, 51, 92-97.	1.1	9

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55	Oleuropein prevents angiotensin II-mediated. <i>International Journal of Cardiology</i> , 2015, 181, 160-165.	0.8	8
56	Impact of multi-vessel vasospastic angina on cardiovascular outcome. <i>Atherosclerosis</i> , 2019, 281, 107-113.	0.4	8
57	Statin intolerance: an updated, narrative review mainly focusing on muscle adverse effects. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2020, 16, 837-851.	1.5	8
58	Impact of Overweight/Obesity on Clinical Outcomes of Patient with Vasospastic Angina: From the Vasospastic Angina in Korea Registry. <i>Scientific Reports</i> , 2020, 10, 4954.	1.6	8
59	Engineered M13 Peptide Carrier Promotes Angiogenic Potential of Patient-Derived Human Cardiac Progenitor Cells and In Vivo Engraftment. <i>Tissue Engineering and Regenerative Medicine</i> , 2020, 17, 323-333.	1.6	8
60	Human cardiac stem cells rejuvenated by modulating autophagy with MHY-1685 enhance the therapeutic potential for cardiac repair. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1423-1436.	3.2	8
61	Prognostic Value of Leg Muscle Strength in Acute Heart Failure Syndrome. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 19-25.	0.2	7
62	Trends in Hospitalized Acute Myocardial Infarction Patients with Heart Failure in Korea at 1998 and 2008. <i>Journal of Korean Medical Science</i> , 2014, 29, 544.	1.1	6
63	Medical costs in patients with heart failure after acute heart failure events: one-year follow-up study. <i>Journal of Medical Economics</i> , 2018, 21, 288-293.	1.0	6
64	Effects of Widespread Inotrope Use in Acute Heart Failure Patients. <i>Journal of Clinical Medicine</i> , 2018, 7, 368.	1.0	6
65	Identification and Evaluation of Cytotoxicity of Peptide Liposome Incorporated Citron Extracts in an in Vitro System. <i>International Journal of Molecular Sciences</i> , 2018, 19, 626.	1.8	6
66	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.	0.8	6
67	Admission serum potassium levels and prognosis of vasospastic angina. <i>Scientific Reports</i> , 2021, 11, 5707.	1.6	6
68	Heart failure and atrial fibrillation: tachycardia-mediated acute decompensation. <i>ESC Heart Failure</i> , 2021, 8, 2816-2825.	1.4	6
69	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.	0.7	6
70	Direct comparison of distinct cardiomyogenic induction methodologies in human cardiac-derived c-kit positive progenitor cells. <i>Tissue Engineering and Regenerative Medicine</i> , 2012, 9, 311-319.	1.6	5
71	Tackling cardiometabolic risk in the Asia Pacific region. <i>American Journal of Preventive Cardiology</i> , 2020, 4, 100096.	1.3	5
72	Management and Prognosis of Heart Failure in Octogenarians: Final Report from the KorAHF Registry. <i>Journal of Clinical Medicine</i> , 2020, 9, 501.	1.0	5

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73	Prognostic Implication of Ventricular Conduction Disturbance Pattern in Hospitalized Patients with Acute Heart Failure Syndrome. <i>Korean Circulation Journal</i> , 2019, 49, 602.	0.7	5
74	Prognostic Impact of Chronic Vasodilator Therapy in Patients With Vasospastic Angina. <i>Journal of the American Heart Association</i> , 2022, 11, e023776.	1.6	5
75	Relationship between airflow obstruction and coronary atherosclerosis in asymptomatic individuals: evaluation by coronary CT angiography. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 641-648.	0.7	4
76	Prognostic Significance of Left Axis Deviation in Acute Heart Failure Patients with Left Bundle branch block: an Analysis from the Korean Acute Heart Failure (KorAHF) Registry. <i>Korean Circulation Journal</i> , 2018, 48, 1002.	0.7	4
77	Predicting survival in heart failure: a risk score based on machine-learning and change point algorithm. <i>Clinical Research in Cardiology</i> , 2021, 110, 1321-1333.	1.5	4
78	Beta-blocker Therapy at Discharge in Patients with Acute Heart Failure and Atrial Fibrillation. <i>Journal of Korean Medical Science</i> , 2020, 35, e278.	1.1	4
79	Post-transplantation outcomes of sensitized patients receiving durable mechanical circulatory support. <i>Journal of Heart and Lung Transplantation</i> , 2022, 41, 365-372.	0.3	4
80	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.	1.4	4
81	A Novel Cardiomyopathy Mimicking Acute Myocardial Infarction. <i>Sunhwan'gi</i> , 2002, 32, 608.	0.3	3
82	Lomitapide, relief pitcher for patients with homozygous familial hypercholesterolemia. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 155-156.	0.8	3
83	Sex differences in clinical characteristics and long-term outcomes in patients with vasospastic angina: results from the VA-Korea registry, a prospective multi-center cohort. <i>Biology of Sex Differences</i> , 2020, 11, 66.	1.8	3
84	Effect of Significant Coronary Artery Stenosis on Prognosis in Patients with Vasospastic Angina: A Propensity Score-Matched Analysis. <i>Journal of Clinical Medicine</i> , 2021, 10, 3341.	1.0	3
85	Impact of successful restoration of sinus rhythm in patients with atrial fibrillation and acute heart failure: Results from the Korean Acute Heart Failure registry. <i>Cardiology Journal</i> , 2022, 29, 472-480.	0.5	3
86	Is Systemic Inflammation Associated with Passive Smoke Exposure? A Population-Based Observational Study. <i>Korean Circulation Journal</i> , 2006, 36, 510.	0.7	2
87	Prospective, Randomized, Preliminary Clinical Trial with Low-Molecular-Weight Heparin or Unfractionated Heparin as Periprocedural Anticoagulant during Elective Percutaneous Coronary Intervention. <i>Korean Circulation Journal</i> , 2006, 36, 573.	0.7	2
88	Evaluation of the Efficacy and Safety of the Lercanidipine/Valsartan Combination in Korean Patients With Essential Hypertension Not Adequately Controlled With Lercanidipine Monotherapy: A Randomized, Multicenter, Parallel Design, Phase III Clinical Trial. <i>Clinical Therapeutics</i> , 2015, 37, 1726-1739.	1.1	2
89	Beta Blockers in Heart Failure: More Evidence for an Old Friend. <i>Journal of Korean Medical Science</i> , 2018, 33, e196.	1.1	2
90	Aspirin Has a Neutral Effect in Preventing Future Cardiovascular Events in Vasospastic Angina. <i>Cardiovascular Prevention and Pharmacotherapy</i> , 2019, 1, 30.	0.0	2

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91	Optimal Management of Heart Failure with Preserve Ejection Fraction. Korean Journal of Medicine, 2015, 88, 135.	0.1	2
92	Challenges and Future in Precision Cardiovascular Medicine. Cardiovascular Prevention and Pharmacotherapy, 2019, 1, 10.	0.0	2
93	Implantable Cardioverter-defibrillator Utilization and Its Outcomes in Korea: Data from Korean Acute Heart Failure Registry. Journal of Korean Medical Science, 2020, 35, e397.	1.1	2
94	The Prescription Characteristics, Efficacy and Safety of Spironolactone in Real-World Patients With Acute Heart Failure Syndrome: A Prospective Nationwide Cohort Study. Frontiers in Cardiovascular Medicine, 2022, 9, 791446.	1.1	2
95	Nitrates vs. Other Types of Vasodilators and Clinical Outcomes in Patients with Vasospastic Angina: A Propensity Score-Matched Analysis. Journal of Clinical Medicine, 2022, 11, 3250.	1.0	2
96	Modified reverse shock index predicts early outcomes of heart failure with reduced ejection fraction. ESC Heart Failure, 2022, 9, 3232-3240.	1.4	2
97	Comparison of the Long-Term Prognosis between Coronary Vasospasm and Intermediate Vasoconstriction Induced by the Administration of Acetylcholine. Korean Circulation Journal, 2006, 36, 503.	0.7	1
98	Association between the Red Cell Distribution Width and Vasospastic Angina in Korean Patients. Yonsei Medical Journal, 2016, 57, 614.	0.9	1
99	Hyperthyroidism Is Associated with the Development of Vasospastic Angina, but Not with Cardiovascular Outcomes. Journal of Clinical Medicine, 2020, 9, 3020.	1.0	1
100	Response to beta-blockers and natriuretic peptide level in acute heart failure: analysis of data from the Korean acute heart failure registry. Clinical Research in Cardiology, 2020, 110, 1392-1403.	1.5	1
101	Smoking may be more harmful to vasospastic angina patients who take antiplatelet agents due to the interaction: Results of Korean prospective multi-center cohort. PLoS ONE, 2021, 16, e0248386.	1.1	1
102	Role of Renal Replacement Therapy During the Peri-Transplant Period of Heart Transplantation. Annals of Transplantation, 2020, 25, e925648.	0.5	1
103	Prognostic Value of QRS Duration among Patients with Cardiogenic Shock Complicating Acute Heart Failure: Data from the Korean Acute Heart Failure (KorAHF) Registry. International Journal of Heart Failure, 2020, 2, 121.	0.9	1
104	Prognostic Impact and Predictors of New-Onset Atrial Fibrillation in Heart Failure. Life, 2022, 12, 579.	1.1	1
105	Characteristics of Patients with Vasospastic Angina in Korea: Data from a Large Cohort (VA-KOREA). Cardiovascular Prevention and Pharmacotherapy, 0, 3, .	0.0	0
106	Heart failure risk in younger adults needing more attention. International Journal of Cardiology, 2021, 344, 135-137.	0.8	0
107	PPAR-gamma Agonist Attenuates Myocardial Fibrosis in a Type 2 Diabetic Rat Model. Korean Circulation Journal, 2005, 35, 883.	0.7	0
108	A Case of Acute and Severe Mitral Regurgitation Presented as Acute Perfusion Failure and Treated by Emergency Mitral Valve Replacement. Journal of Cardiovascular Imaging, 2006, 14, 153.	0.8	0

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109	Incidence, characteristics, and outcome of post-heart transplant malignancy. Korean Journal of Transplantation, 2020, 34, S8-S8.	0.0	0
110	Impact of Cardiac Troponin Elevation on Mortality of Patients with Acute Heart Failure: Insights from the Korea Acute Heart Failure (KorAHF) Registry. Journal of Clinical Medicine, 2022, 11, 2800.	1.0	0