

Byung-Hee Oh

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7155034/byung-hee-oh-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

322
papers

14,018
citations

55
h-index

107
g-index

357
ext. papers

15,698
ext. citations

4.9
avg, IF

5.8
L-index

#	Paper	IF	Citations
322	Assessment of mitral annulus velocity by Doppler tissue imaging in the evaluation of left ventricular diastolic function. <i>Journal of the American College of Cardiology</i> , 1997 , 30, 474-80	15.1	1310
321	Characterization of two types of endothelial progenitor cells and their different contributions to neovasculogenesis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 288-93	9.4	979
320	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, 751-6	4.0	782
319	Synergistic neovascularization by mixed transplantation of early endothelial progenitor cells and late outgrowth endothelial cells: the role of angiogenic cytokines and matrix metalloproteinases. <i>Circulation</i> , 2005 , 112, 1618-27	16.7	516
318	Aging and arterial stiffness. <i>Circulation Journal</i> , 2010 , 74, 2257-62	2.9	380
317	Pre-treatment of mesenchymal stem cells with a combination of growth factors enhances gap junction formation, cytoprotective effect on cardiomyocytes, and therapeutic efficacy for myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 933-43	15.1	258
316	Physiologic assessment of jailed side branch lesions using fractional flow reserve. <i>Journal of the American College of Cardiology</i> , 2005 , 46, 633-7	15.1	242
315	Aliskiren, an oral renin inhibitor, provides dose-dependent efficacy and sustained 24-hour blood pressure control in patients with hypertension. <i>Journal of the American College of Cardiology</i> , 2007 , 49, 1157-63	15.1	220
314	Renal toxicity evaluation and comparison between visipaque (iodixanol) and hexabrix (ioxaglate) in patients with renal insufficiency undergoing coronary angiography: the RECOVER study: a randomized controlled trial. <i>Journal of the American College of Cardiology</i> , 2006 , 48, 924-30	15.1	220
313	Seroprevalence of Helicobacter pylori in South Korea. <i>Helicobacter</i> , 2007 , 12, 333-40	4.9	210
312	Identification of a novel role of T cells in postnatal vasculogenesis: characterization of endothelial progenitor cell colonies. <i>Circulation</i> , 2007 , 116, 1671-82	16.7	188
311	Physiological evaluation of the provisional side-branch intervention strategy for bifurcation lesions using fractional flow reserve. <i>European Heart Journal</i> , 2008 , 29, 726-32	9.5	185
310	Determinants of surgical outcome in patients with isolated tricuspid regurgitation. <i>Circulation</i> , 2009 , 120, 1672-8	16.7	182
309	Differential effect of intracoronary infusion of mobilized peripheral blood stem cells by granulocyte colony-stimulating factor on left ventricular function and remodeling in patients with acute myocardial infarction versus old myocardial infarction: the MAGIC Cell-3-DES randomized, controlled trial. <i>Circulation</i> , 2006 , 114, 1145-51	16.7	171
308	Efficacy and safety of apixaban compared with warfarin at different levels of predicted international normalized ratio control for stroke prevention in atrial fibrillation. <i>Circulation</i> , 2013 , 127, 2166-76	16.7	164
307	Mobilized endothelial progenitor cells by granulocyte-macrophage colony-stimulating factor accelerate reendothelialization and reduce vascular inflammation after intravascular radiation. <i>Circulation</i> , 2003 , 108, 2918-25	16.7	156
306	Assessment of left ventricular rotation and torsion with two-dimensional speckle tracking echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2007 , 20, 45-53	5.8	152

305	Determinants of the severity of functional tricuspid regurgitation. <i>American Journal of Cardiology</i> , 2006 , 98, 236-42	3	137
304	Biodegradable-polymer drug-eluting stents vs. bare metal stents vs. durable-polymer drug-eluting stents: a systematic review and Bayesian approach network meta-analysis. <i>European Heart Journal</i> , 2014 , 35, 1147-58	9.5	134
303	Development of tricuspid regurgitation late after left-sided valve surgery: a single-center experience with long-term echocardiographic examinations. <i>American Heart Journal</i> , 2008 , 155, 732-7	4.9	127
302	Prevention of radiocontrast medium-induced nephropathy using short-term high-dose simvastatin in patients with renal insufficiency undergoing coronary angiography (PROMISS) trial--a randomized controlled study. <i>American Heart Journal</i> , 2008 , 155, 499.e1-8	4.9	126
301	Involvement of E-selectin in recruitment of endothelial progenitor cells and angiogenesis in ischemic muscle. <i>Blood</i> , 2007 , 110, 3891-9	2.2	123
300	Metabolic syndrome as an independent risk factor of silent brain infarction in healthy people. <i>Stroke</i> , 2006 , 37, 466-70	6.7	121
299	A multicentre cohort study of acute heart failure syndromes in Korea: rationale, design, and interim observations of the Korean Acute Heart Failure (KorAHF) registry. <i>European Journal of Heart Failure</i> , 2014 , 16, 700-8	12.3	113
298	A coronary heart disease prediction model: the Korean Heart Study. <i>BMJ Open</i> , 2014 , 4, e005025	3	110
297	Left ventricular systolic dysfunction, heart failure, and the risk of stroke and systemic embolism in patients with atrial fibrillation: insights from the ARISTOTLE trial. <i>Circulation: Heart Failure</i> , 2013 , 6, 451-60	7.6	106
296	Efficacy and safety of apixaban compared with warfarin for stroke prevention in patients with atrial fibrillation from East Asia: a subanalysis of the Apixaban for Reduction in Stroke and Other Thromboembolic Events in Atrial Fibrillation (ARISTOTLE) Trial. <i>American Heart Journal</i> , 2014 , 168, 303-9	4.9	101
295	Integrin-linked kinase, a hypoxia-responsive molecule, controls postnatal vasculogenesis by recruitment of endothelial progenitor cells to ischemic tissue. <i>Circulation</i> , 2006 , 114, 150-9	16.7	94
294	The relation between non-alcoholic fatty liver disease and the risk of coronary heart disease in Koreans. <i>American Journal of Gastroenterology</i> , 2009 , 104, 1953-60	0.7	93
293	Characteristics, outcomes and predictors of long-term mortality for patients hospitalized for acute heart failure: a report from the Korean heart failure registry. <i>Korean Circulation Journal</i> , 2011 , 41, 363-71	2.2	92
292	Beta-catenin overexpression reduces myocardial infarct size through differential effects on cardiomyocytes and cardiac fibroblasts. <i>Journal of Biological Chemistry</i> , 2006 , 281, 30979-89	5.4	92
291	Noninvasive diagnosis of ischemia-causing coronary stenosis using CT angiography: diagnostic value of transluminal attenuation gradient and fractional flow reserve computed from coronary CT angiography compared to invasively measured fractional flow reserve. <i>JACC: Cardiovascular Imaging</i> , 2012 , 5, 1088-96	8.4	91
290	Prediction of outcome in patients undergoing surgery for severe tricuspid regurgitation following mitral valve surgery and role of tricuspid annular systolic velocity. <i>American Journal of Cardiology</i> , 2006 , 98, 659-61	3	90
289	Forkhead transcription factor FOXO3a is a negative regulator of angiogenic immediate early gene CYR61, leading to inhibition of vascular smooth muscle cell proliferation and neointimal hyperplasia. <i>Circulation Research</i> , 2007 , 100, 372-80	15.7	90
288	Off-pump coronary artery bypass may decrease the patency of saphenous vein grafts. <i>Annals of Thoracic Surgery</i> , 2001 , 72, S1033-7	2.7	89

287	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, 341-353	2.2	87
286	Adipokine resistin is a key player to modulate monocytes, endothelial cells, and smooth muscle cells, leading to progression of atherosclerosis in rabbit carotid artery. <i>Journal of the American College of Cardiology</i> , 2011 , 57, 99-109	15.1	86
285	Prognostic value of NT-proBNP in heart failure with preserved versus reduced EF. <i>Heart</i> , 2015 , 101, 1881-8	15.8	85
284	Celecoxib, a cyclooxygenase-2 inhibitor, reduces neointimal hyperplasia through inhibition of Akt signaling. <i>Circulation</i> , 2004 , 110, 301-8	16.7	80
283	Peroxisome proliferator-activated receptor-delta agonist enhances vasculogenesis by regulating endothelial progenitor cells through genomic and nongenomic activations of the phosphatidylinositol 3-kinase/Akt pathway. <i>Circulation</i> , 2008 , 118, 1021-33	16.7	79
282	Effects of red ginseng upon vascular endothelial function in patients with essential hypertension. <i>The American Journal of Chinese Medicine</i> , 2000 , 28, 205-16	6	78
281	Direct conversion of adult skin fibroblasts to endothelial cells by defined factors. <i>Circulation</i> , 2014 , 130, 1168-78	16.7	74
280	COMP-Ang1 stimulates HIF-1 β -mediated SDF-1 overexpression and recovers ischemic injury through BM-derived progenitor cell recruitment. <i>Blood</i> , 2011 , 117, 4376-86	2.2	74
279	Effect of red ginseng on blood pressure in patients with essential hypertension and white coat hypertension. <i>The American Journal of Chinese Medicine</i> , 1998 , 26, 199-209	6	74
278	The ACC/AHA 2013 pooled cohort equations compared to a Korean Risk Prediction Model for atherosclerotic cardiovascular disease. <i>Atherosclerosis</i> , 2015 , 242, 367-75	3.1	70
277	Baseline Characteristics of Patients With Heart Failure and Preserved Ejection Fraction in the PARAGON-HF Trial. <i>Circulation: Heart Failure</i> , 2018 , 11, e004962	7.6	70
276	Clinical and physiological outcomes of fractional flow reserve-guided percutaneous coronary intervention in patients with serial stenoses within one coronary artery. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 1013-8	5	68
275	Akt is a key modulator of endothelial progenitor cell trafficking in ischemic muscle. <i>Stem Cells</i> , 2007 , 25, 1769-78	5.8	62
274	Beta-catenin overexpression augments angiogenesis and skeletal muscle regeneration through dual mechanism of vascular endothelial growth factor-mediated endothelial cell proliferation and progenitor cell mobilization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2006 , 26, 91-8	9.4	61
273	Serum alkaline phosphatase is a predictor of mortality, myocardial infarction, or stent thrombosis after implantation of coronary drug-eluting stent. <i>European Heart Journal</i> , 2013 , 34, 920-31	9.5	60
272	Nitric oxide-induced apoptosis is mediated by Bax/Bcl-2 gene expression, transition of cytochrome c, and activation of caspase-3 in rat vascular smooth muscle cells. <i>Clinica Chimica Acta</i> , 2004 , 341, 83-91	6.2	60
271	Impact of the maze operation combined with left-sided valve surgery on the change in tricuspid regurgitation over time. <i>Circulation</i> , 2005 , 112, 114-9	16.7	60
270	Intracoronary infusion of the mobilized peripheral blood stem cell by G-CSF is better than mobilization alone by G-CSF for improvement of cardiac function and remodeling: 2-year follow-up results of the Myocardial Regeneration and Angiogenesis in Myocardial Infarction with G-CSF and Intra-Coronary Stem Cell Infusion (MASCIS-Cell) Trial. <i>American Heart Journal</i> , 2007 , 153, 227-38	4.9	59

269	Enhanced clopidogrel responsiveness in smokers: smokers' paradox is dependent on cytochrome P450 CYP1A2 status. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 665-71	9.4	56
268	N-acetylcysteine versus AScorbic acid for preventing contrast-Induced nephropathy in patients with renal insufficiency undergoing coronary angiography NASPI study-a prospective randomized controlled trial. <i>American Heart Journal</i> , 2009 , 157, 576-83	4.9	56
267	Safety and efficacy of everolimus- versus sirolimus-eluting stents: a systematic review and meta-analysis of 11 randomized trials. <i>American Heart Journal</i> , 2013 , 165, 241-50.e4	4.9	55
266	Comparison of hyperemic efficacy between central and peripheral venous adenosine infusion for fractional flow reserve measurement. <i>Circulation: Cardiovascular Interventions</i> , 2012 , 5, 401-5	6	52
265	Does "late catch-up" exist in drug-eluting stents: insights from a serial quantitative coronary angiography analysis of sirolimus versus paclitaxel-eluting stents. <i>American Heart Journal</i> , 2010 , 159, 446-453.e3	4.9	50
264	Left ventricular systolic and diastolic dyssynchrony in asymptomatic hypertensive patients. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 337-42	5.8	50
263	Effects of angiotensin converting enzyme inhibitor and calcium antagonist on endothelial function in patients with essential hypertension. <i>Hypertension Research</i> , 2002 , 25, 365-71	4.7	47
262	Clinical predictors of high posttreatment platelet reactivity to clopidogrel in Koreans. <i>Cardiovascular Therapeutics</i> , 2012 , 30, 5-11	3.3	46
261	Lipid profiles and bone mineral density in pre- and postmenopausal women in Korea. <i>Calcified Tissue International</i> , 2010 , 87, 507-12	3.9	46
260	Treatment performance measures affect clinical outcomes in patients with acute systolic heart failure: report from the Korean Heart Failure Registry. <i>Circulation Journal</i> , 2012 , 76, 1151-8	2.9	45
259	Epicardial fat reflects arterial stiffness: assessment using 256-slice multidetector coronary computed tomography and cardio-ankle vascular index. <i>Journal of Atherosclerosis and Thrombosis</i> , 2012 , 19, 570-6	4	45
258	Efficacy and tolerability of fimasartan, a new angiotensin receptor blocker, compared with losartan (50/100 mg): a 12-week, phase III, multicenter, prospective, randomized, double-blind, parallel-group, dose escalation clinical trial with an optional 12-week extension phase in adult Korean patients with hypertension. <i>Clinical Therapeutics</i> , 2012 , 34, 552-560.e1-9	3.5	45
257	Constitutively active glycogen synthase kinase-3beta gene transfer sustains apoptosis, inhibits proliferation of vascular smooth muscle cells, and reduces neointima formation after balloon injury in rats. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2003 , 23, 1364-9	9.4	44
256	Effect of rosuvastatin on cardiac remodeling, function, and progression to heart failure in hypertensive heart with established left ventricular hypertrophy. <i>Hypertension</i> , 2009 , 54, 591-7	8.5	42
255	FOXO3a turns the tumor necrosis factor receptor signaling towards apoptosis through reciprocal regulation of c-Jun N-terminal kinase and NF-kappaB. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 112-20	9.4	42
254	A randomized, open-label study to evaluate the efficacy and safety of pitavastatin compared with simvastatin in Korean patients with hypercholesterolemia. <i>Clinical Therapeutics</i> , 2005 , 27, 1074-82	3.5	42
253	Coronary atherosclerosis detected by coronary CT angiography in asymptomatic subjects with early chronic kidney disease. <i>Atherosclerosis</i> , 2010 , 208, 406-11	3.1	41
252	Artificial intelligence algorithm for predicting mortality of patients with acute heart failure. <i>PLoS ONE</i> , 2019 , 14, e0219302	3.7	39

251	Age-associated increase in arterial stiffness measured according to the cardio-ankle vascular index without blood pressure changes in healthy adults. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013 , 20, 911-23	4	39
250	Relation between cardio-ankle vascular index and coronary artery calcification or stenosis in asymptomatic subjects. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013 , 20, 557-67	4	39
249	Relationship between fractional flow reserve and angiographic and intravascular ultrasound parameters in ostial lesions: major epicardial vessel versus side branch ostial lesions. <i>JACC: Cardiovascular Interventions</i> , 2012 , 5, 409-15	5	38
248	Left ventricular twist mechanics in patients with apical hypertrophic cardiomyopathy: assessment with 2D speckle tracking echocardiography. <i>Heart</i> , 2010 , 96, 49-55	5.1	38
247	Stent-related cardiac events after non-cardiac surgery: drug-eluting stent vs. bare metal stent. <i>International Journal of Cardiology</i> , 2008 , 123, 353-4	3.2	38
246	Restoration of atrial mechanical function after maze operation in patients with structural heart disease. <i>American Heart Journal</i> , 1998 , 136, 1070-4	4.9	38
245	Cilostazol attenuates on-treatment platelet reactivity in patients with CYP2C19 loss of function alleles receiving dual antiplatelet therapy: a genetic substudy of the CILON-T randomised controlled trial. <i>Heart</i> , 2011 , 97, 641-7	5.1	37
244	Improvement of hyponatraemia during hospitalisation for acute heart failure is not associated with improvement of prognosis: an analysis from the Korean Heart Failure (KorHF) registry. <i>Heart</i> , 2012 , 98, 1798-804	5.1	37
243	Potential predictors of asymptomatic ischemic heart disease in patients with vasculogenic erectile dysfunction. <i>Urology</i> , 2001 , 58, 441-5	1.6	37
242	Characteristics, Outcomes, and Treatment of Heart Failure With Improved Ejection Fraction. <i>Journal of the American Heart Association</i> , 2019 , 8, e011077	6	36
241	Sulfasalazine induces haem oxygenase-1 via ROS-dependent Nrf2 signalling, leading to control of neointimal hyperplasia. <i>Cardiovascular Research</i> , 2009 , 82, 550-60	9.9	36
240	Forkhead factor, FOXO3a, induces apoptosis of endothelial cells through activation of matrix metalloproteinases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 302-8	9.4	36
239	Functional screening of genes suppressing TRAIL-induced apoptosis: distinct inhibitory activities of Bcl-XL and Bcl-2. <i>British Journal of Cancer</i> , 2003 , 88, 910-7	8.7	35
238	Clinical outcomes of high on-treatment platelet reactivity in Koreans receiving elective percutaneous coronary intervention (from results of the CROSS VERIFY study). <i>American Journal of Cardiology</i> , 2011 , 108, 1556-63	3	34
237	Impact of loading condition on the 2D speckle tracking-derived left ventricular dyssynchrony index in nonischemic dilated cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , 2010 , 3, 272-81	3.9	34
236	A double-blind, randomised- placebo, controlled, parallel group, multicentre, flexible-dose escalation study to assess the efficacy and safety of sildenafil administered as required to male outpatients with erectile dysfunction in Korea. <i>International Journal of Impotence Research</i> , 2003 , 15, 28-31	2.3	34
235	Ventricular remodeling and transforming growth factor-beta 1 mRNA expression after nontransmural myocardial infarction in rats: effects of angiotensin converting enzyme inhibition and angiotensin II type 1 receptor blockade. <i>Basic Research in Cardiology</i> , 1999 , 94, 246-53	11.8	34
234	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	7.9	33

233	The Korean Heart Study: rationale, objectives, protocol, and preliminary results for a new prospective cohort study of 430,920 men and women. <i>European Journal of Preventive Cardiology</i> , 2014 , 21, 1484-92	3.9	33
232	Evaluation of left ventricular short- and long-axis function in severe mitral regurgitation using 2-dimensional strain echocardiography. <i>American Heart Journal</i> , 2009 , 157, 345-51	4.9	33
231	Development and Validation of Deep-Learning Algorithm for Electrocardiography-Based Heart Failure Identification. <i>Korean Circulation Journal</i> , 2019 , 49, 629-639	2.2	32
230	Cardio-ankle vascular index reflects coronary atherosclerosis in patients with abnormal glucose metabolism: assessment with 256 slice multi-detector computed tomography. <i>Journal of Cardiology</i> , 2012 , 60, 372-6	3	32
229	Velocity vector imaging in the measurement of left ventricular twist mechanics: head-to-head one way comparison between speckle tracking echocardiography and velocity vector imaging. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 1344-52	5.8	32
228	Hemoconcentration is a good prognostic predictor for clinical outcomes in acute heart failure: data from the Korean Heart Failure (KorHF) Registry. <i>International Journal of Cardiology</i> , 2013 , 168, 4739-43	3.2	31
227	Effect of celecoxib on restenosis after coronary angioplasty with a Taxus stent (COREA-TAXUS trial): an open-label randomised controlled study. <i>Lancet, The</i> , 2007 , 370, 567-74	4.0	31
226	Association of endothelial constitutive nitric oxide synthase gene polymorphism with acute coronary syndrome in Koreans. <i>Heart</i> , 2004 , 90, 282-5	5.1	31
225	Comparing the performance of artificial intelligence and conventional diagnosis criteria for detecting left ventricular hypertrophy using electrocardiography. <i>Europace</i> , 2020 , 22, 412-419	3.9	31
224	The impact of residual coronary lesions on clinical outcomes after percutaneous coronary intervention: Residual SYNTAX score after percutaneous coronary intervention in patients from the Efficacy of Xience/Promus versus Cypher in rEducing Late Loss after stENTing (EXCELLENT) registry. <i>American Heart Journal</i> , 2014 , 167, 384-392.e5	4.9	30
223	Amlodipine, clopidogrel and CYP3A5 genetic variability: effects on platelet reactivity and clinical outcomes after percutaneous coronary intervention. <i>Heart</i> , 2012 , 98, 1366-72	5.1	30
222	Enhanced clopidogrel response in smokers is reversed after discontinuation as assessed by VerifyNow assay: additional evidence for the concept of 'smokers' paradox'. <i>Heart</i> , 2012 , 98, 1000-6	5.1	30
221	Efficacy of Xience/promus versus Cypher in rEducing Late Loss after stENTing (EXCELLENT) trial: study design and rationale of a Korean multicenter prospective randomized trial. <i>American Heart Journal</i> , 2009 , 157, 811-817.e1	4.9	30
220	Apoptosis and regulation of Bax and Bcl-X proteins during human neonatal vascular remodeling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2000 , 20, 957-63	9.4	30
219	Prognostic value of C-reactive protein as an inflammatory and N-terminal probrain natriuretic peptide as a neurohumoral marker in acute heart failure (from the Korean Heart Failure registry). <i>American Journal of Cardiology</i> , 2014 , 113, 511-7	3	29
218	Long-term exercise training attenuates age-related diastolic dysfunction: association of myocardial collagen cross-linking. <i>Journal of Korean Medical Science</i> , 2009 , 24, 32-9	4.7	29
217	FOXO1 impairs whereas statin protects endothelial function in diabetes through reciprocal regulation of Kruppel-like factor 2. <i>Cardiovascular Research</i> , 2013 , 97, 143-52	9.9	28
216	Vascular calcifying progenitor cells possess bidirectional differentiation potentials. <i>PLoS Biology</i> , 2013 , 11, e1001534	9.7	28

215	Peroxisome proliferator-activated receptor- β activates endothelial progenitor cells to induce angio-myogenesis through matrix metallo-proteinase-9-mediated insulin-like growth factor-1 paracrine networks. <i>European Heart Journal</i> , 2013 , 34, 1755-65	9.5	28
214	Should ascending aortic intramural hematoma be treated surgically?. <i>American Journal of Cardiology</i> , 2001 , 87, 1024-6; A5	3	28
213	Is Metabolic Syndrome One of the Risk Factors for Gallbladder Polyps Found by Ultrasonography during Health Screening?. <i>Gut and Liver</i> , 2007 , 1, 138-44	4.8	28
212	PPAR γ modulates vascular smooth muscle cell phenotype via a protein kinase G-dependent pathway and reduces neointimal hyperplasia after vascular injury. <i>Experimental and Molecular Medicine</i> , 2013 , 45, e65	12.8	27
211	Deterioration of myocardial function in paradoxical low-flow severe aortic stenosis: two-dimensional strain analysis. <i>Journal of the American Society of Echocardiography</i> , 2011 , 24, 976-83	5.8	27
210	Outcomes of de novo and acute decompensated heart failure patients according to ejection fraction. <i>Heart</i> , 2018 , 104, 525-532	5.1	26
209	The prognostic value of arterial blood gas analysis in high-risk acute heart failure patients: an analysis of the Korean Heart Failure (KorHF) registry. <i>European Journal of Heart Failure</i> , 2015 , 17, 601-11	12.3	26
208	The prevalence and distribution of coronary artery calcium in asymptomatic Korean population. <i>International Journal of Cardiovascular Imaging</i> , 2012 , 28, 1227-35	2.5	26
207	Characteristics and predictors of drug-eluting stent thrombosis: results from the multicenter 'Korea Stent Thrombosis (KoST)' registry. <i>Circulation Journal</i> , 2011 , 75, 1626-32	2.9	26
206	Association between plasma lipids, and apolipoproteins and coronary artery disease: a cross-sectional study in a low-risk Korean population. <i>International Journal of Cardiology</i> , 2005 , 101, 435-40	3.2	26
205	General and abdominal obesity and abdominal visceral fat accumulation associated with coronary artery calcification in Korean men. <i>Atherosclerosis</i> , 2010 , 213, 273-8	3.1	25
204	Hemodynamic and prognostic implications of net atrioventricular compliance in patients with mitral stenosis. <i>Journal of the American Society of Echocardiography</i> , 2008 , 21, 482-6	5.8	25
203	The efficacy of intravenous contrast-enhanced 16-row multidetector CT colonography for detecting patients with colorectal polyps in an asymptomatic population in Korea. <i>Journal of Clinical Gastroenterology</i> , 2008 , 42, 791-8	3	25
202	The essential role of p21 in radiation-induced cell cycle arrest of vascular smooth muscle cell. <i>Journal of Molecular and Cellular Cardiology</i> , 2004 , 37, 871-80	5.8	25
201	Estimation of left ventricular end-diastolic pressure with the difference in pulmonary venous and mitral A durations is limited when mitral E and A waves are overlapped. <i>Journal of the American Society of Echocardiography</i> , 1999 , 12, 106-12	5.8	25
200	Efficacy and tolerability of once-daily oral fimasartan 20 to 240 mg/d in Korean Patients with hypertension: findings from Two Phase II, randomized, double-blind, placebo-controlled studies. <i>Clinical Therapeutics</i> , 2012 , 34, 1273-89	3.5	24
199	G-CSF exerts dual effects on endothelial cells--opposing actions of direct eNOS induction versus indirect CRP elevation. <i>Journal of Molecular and Cellular Cardiology</i> , 2008 , 45, 670-8	5.8	24
198	Simvastatin enhances endothelial differentiation of peripheral blood mononuclear cells in hypercholesterolemic patients and induces pro-angiogenic cytokine IL-8 secretion from monocytes. <i>Clinica Chimica Acta</i> , 2008 , 388, 156-66	6.2	24

197	Retinopathy as an indicator of silent brain infarction in asymptomatic hypertensive subjects. <i>Journal of the Neurological Sciences</i> , 2007 , 252, 159-62	3.2	24
196	Limited performance of quantitative assessment of myocardial function by thallium-201 gated myocardial single-photon emission tomography. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2000 , 27, 185-91	8.8	24
195	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	3	24
194	Genetic determinants of clopidogrel responsiveness in Koreans treated with drug-eluting stents. <i>International Journal of Cardiology</i> , 2013 , 163, 79-86	3.2	23
193	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	3.7	23
192	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	2.9	22
191	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,	6	22
190	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	3.2	22
189	Paraoxonase 1 gene polymorphism does not affect clopidogrel response variability but is associated with clinical outcome after PCI. <i>PLoS ONE</i> , 2013 , 8, e52779	3.7	22
188	Arterial stiffness using cardio-ankle vascular index reflects cerebral small vessel disease in healthy young and middle aged subjects. <i>Journal of Atherosclerosis and Thrombosis</i> , 2013 , 20, 178-85	4	22
187	Renal dysfunction and high levels of hsCRP are additively associated with hard endpoints after percutaneous coronary intervention with drug eluting stents. <i>International Journal of Cardiology</i> , 2011 , 149, 174-181	3.2	22
186	HMG-CoA reductase inhibitor improves endothelial dysfunction in spontaneous hypertensive rats via down-regulation of caveolin-1 and activation of endothelial nitric oxide synthase. <i>Journal of Korean Medical Science</i> , 2010 , 25, 16-23	4.7	22
185	The association of cholesteryl ester transfer protein polymorphism with high-density lipoprotein cholesterol and coronary artery disease in Koreans. <i>Clinical Genetics</i> , 2003 , 63, 31-8	4	22
184	Synergistic effect of angiotensin-converting enzyme and angiotensinogen gene on cardiac hypertrophy. <i>International Journal of Cardiology</i> , 2000 , 72, 151-61	3.2	22
183	A deep learning algorithm to detect anaemia with ECGs: a retrospective, multicentre study. <i>The Lancet Digital Health</i> , 2020 , 2, e358-e367	14.4	22
182	Heart failure with reduced ejection fraction: comparison of patient characteristics and clinical outcomes within Asia and between Asia, Europe and the Americas. <i>European Journal of Heart Failure</i> , 2019 , 21, 577-587	12.3	22
181	Artificial intelligence for detecting mitral regurgitation using electrocardiography. <i>Journal of Electrocardiology</i> , 2020 , 59, 151-157	1.4	21
180	Ambulatory blood pressure response to once-daily fimasartan: an 8-week, multicenter, randomized, double-blind, active-comparator, parallel-group study in Korean patients with mild to moderate essential hypertension. <i>Clinical Therapeutics</i> , 2013 , 35, 1337-49	3.5	21

179	Clinical characteristics of coronary drug-eluting stent fracture: insights from a two-center des registry. <i>Journal of Korean Medical Science</i> , 2011 , 26, 53-8	4.7	21
178	Incremental prognostic value of early postoperative right ventricular systolic function in patients undergoing surgery for isolated severe tricuspid regurgitation. <i>Heart</i> , 2011 , 97, 1319-25	5.1	21
177	Thalidomide as a potent inhibitor of neointimal hyperplasia after balloon injury in rat carotid artery. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2004 , 24, 885-91	9.4	21
176	Naringin suppresses the mitogenic effect of lysophosphatidylcholine on vascular smooth muscle cells. <i>Nutrition Research</i> , 2003 , 23, 1671-1683	4	21
175	Intracoronary continuous adenosine infusion. <i>Circulation Journal</i> , 2005 , 69, 908-12	2.9	21
174	Artificial intelligence algorithm for detecting myocardial infarction using six-lead electrocardiography. <i>Scientific Reports</i> , 2020 , 10, 20495	4.9	21
173	Electrical and mechanical dyssynchrony for prediction of cardiac events in patients with systolic heart failure. <i>Heart</i> , 2010 , 96, 1029-32	5.1	20
172	Extracolonic findings in an asymptomatic screening population undergoing intravenous contrast-enhanced computed tomography colonography. <i>Journal of Gastroenterology and Hepatology (Australia)</i> , 2008 , 23, e49-57	4	20
171	Prognostic significance of asymptomatic coronary artery disease in patients with diabetes and need for early revascularization therapy. <i>Diabetic Medicine</i> , 2007 , 24, 1003-11	3.5	20
170	Vitamin C prevents radiation-induced endothelium-dependent vasomotor dysfunction and de-endothelialization by inhibiting oxidative damage in the rat. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2001 , 28, 816-21	3	20
169	Prevalence of microalbuminuria and associated risk factors among adult Korean hypertensive patients in a primary care setting. <i>Hypertension Research</i> , 2013 , 36, 807-23	4.7	19
168	Usefulness of the SYNTAX and clinical SYNTAX scores in predicting clinical outcome after unrestricted use of sirolimus- and everolimus-eluting Stents. <i>Circulation Journal</i> , 2013 , 77, 2912-21	2.9	19
167	Impact of NAD(P)H oxidase p22 phox gene polymorphism on vascular aging in Korean centenarian and nonagenarian. <i>International Journal of Cardiology</i> , 2007 , 123, 18-22	3.2	19
166	Coronary vasospasm, multiple coronary thrombosis, unstable angina and essential thrombocytosis. <i>International Journal of Cardiology</i> , 1993 , 41, 168-70	3.2	19
165	The CKD-EPI is more accurate in clinical outcome prediction than MDRD equation in acute heart failure: data from the Korean Heart Failure (KorHF) Registry. <i>International Journal of Cardiology</i> , 2013 , 167, 1084-7	3.2	18
164	Electrocardiographic characteristics of fasciculoventricular pathways. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2005 , 28, 25-8	1.6	18
163	Characteristics and outcomes of HFpEF with declining ejection fraction. <i>Clinical Research in Cardiology</i> , 2020 , 109, 225-234	6.1	18
162	Gender Difference in the Prognostic Value of N-Terminal Pro-B Type Natriuretic Peptide in Patients With Heart Failure - A Report From the Korean Heart Failure Registry (KorHF). <i>Circulation Journal</i> , 2017 , 81, 1329-1336	2.9	17

161	Can C-reactive protein predict cardiovascular events in asymptomatic patients? Analysis based on plaque characterization. <i>Atherosclerosis</i> , 2012 , 224, 201-7	3.1	17
160	Low serum total cholesterol level is a surrogate marker, but not a risk factor, for poor outcome in patients hospitalized with acute heart failure: a report from the Korean Heart Failure Registry. <i>Journal of Cardiac Failure</i> , 2012 , 18, 194-201	3.3	17
159	Is reduced bone mineral density independently associated with coronary artery calcification in subjects older than 50 years?. <i>Journal of Bone and Mineral Metabolism</i> , 2011 , 29, 369-76	2.9	17
158	Impact of cardiac rhythm on mitral valve area calculated by the pressure half time method in patients with moderate or severe mitral stenosis. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 42-7	5.8	17
157	Restoration of left ventricular synchronous contraction after acute myocardial infarction by stem cell therapy: new insights into the therapeutic implication of stem cell therapy for acute myocardial infarction. <i>Heart</i> , 2008 , 94, 995-1001	5.1	17
156	Effect of the apolipoprotein E epsilon4 allele on the efficacy and tolerability of galantamine in the treatment of Alzheimer's disease. <i>Dementia and Geriatric Cognitive Disorders</i> , 2006 , 21, 33-9	2.6	17
155	Guideline-Directed Medical Therapy for Patients With Heart Failure With Midrange Ejection Fraction: A Patient-Pooled Analysis From the Kor HF and Kor AHF Registries. <i>Journal of the American Heart Association</i> , 2018 , 7, e009806	6	17
154	Fimasartan: A New Angiotensin Receptor Blocker. <i>Drugs</i> , 2016 , 76, 1015-22	12.1	16
153	Generation of human secondary cardiospheres as a potent cell processing strategy for cell-based cardiac repair. <i>Biomaterials</i> , 2013 , 34, 651-61	15.6	16
152	The incidence and predictors of postprocedural incomplete stent apposition after angiographically successful drug-eluting stent implantation. <i>Catheterization and Cardiovascular Interventions</i> , 2009 , 74, 58-63	2.7	16
151	Cardio-renal protection with aliskiren, a direct renin inhibitor, in the ASPIRE HIGHER program. <i>Expert Review of Cardiovascular Therapy</i> , 2009 , 7, 251-7	2.5	16
150	Efficacy and safety profiles of a new S(-)-amlodipine nicotinate formulation versus racemic amlodipine besylate in adult Korean patients with mild to moderate hypertension: an 8-week, multicenter, randomized, double-blind, double-dummy, parallel-group, phase III, noninferiority trial. <i>Journal of Clinical Hypertension</i> , 2009 , 21, 345-57	3.5	16
149	Common adrenergic receptor polymorphisms as novel risk factors for vasospastic angina. <i>American Heart Journal</i> , 2006 , 151, 864-9	4.9	16
148	Neutrophil-Lymphocyte Ratio in Patients with Acute Heart Failure Predicts In-Hospital and Long-Term Mortality. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	15
147	Blood Pressure and Cholesterol-lowering Efficacy of a Fixed-dose Combination With Irbesartan and Atorvastatin in Patients With Hypertension and Hypercholesterolemia: A Randomized, Double-blind, Factorial, Multicenter Phase III Study. <i>Clinical Therapeutics</i> , 2016 , 38, 2171-2184	3.5	15
146	Evaluating the Efficacy, Safety, and Tolerability of Serelaxin When Added to Standard Therapy in Asian Patients With Acute Heart Failure: Design and Rationale of RELAX-AHF-ASIA Trial. <i>Journal of Cardiac Failure</i> , 2017 , 23, 63-71	3.3	15
145	Difference between calculated and direct-measured low-density lipoprotein cholesterol in subjects with diabetes mellitus or taking lipid-lowering medications. <i>Journal of Clinical Lipidology</i> , 2012 , 6, 114-20	4.9	15
144	Advanced coronary artery calcification is associated with ischemic stroke. <i>Cerebrovascular Diseases</i> , 2010 , 30, 93-100	3.2	15

143	Periodic variation and its effect on management and prognosis of Korean patients with acute myocardial infarction. <i>Circulation Journal</i> , 2010 , 74, 970-6	2.9	15
142	Distribution of Coronary Artery Calcification in an Asymptomatic Korean Population: Association with Risk Factors of Cardiovascular Disease and Metabolic Syndrome. <i>Korean Circulation Journal</i> , 2008 , 38, 29	2.2	15
141	Clinic blood pressure responses to two amlodipine salt formulations, adipate and besylate, in adult Korean patients with mild to moderate hypertension: a multicenter, randomized, double-blind, parallel-group, 8-week comparison. <i>Clinical Therapeutics</i> , 2005 , 27, 728-39	3.5	15
140	Analysis of mitochondrial DNA deletions in four chambers of failing human heart: hemodynamic stress, age, and disease are important factors. <i>Basic Research in Cardiology</i> , 2000 , 95, 163-71	11.8	15
139	Krüppel-like factor 2 suppression by high glucose as a possible mechanism of diabetic vasculopathy. <i>Korean Circulation Journal</i> , 2012 , 42, 239-45	2.2	14
138	Prognostic value of B-type natriuretic peptide in patients with chronic mitral regurgitation undergoing surgery: mid-term follow-up results. <i>European Journal of Cardio-thoracic Surgery</i> , 2013 , 43, e1-6	3	14
137	Ten-year experience with off-pump coronary artery bypass grafting: lessons learned from early postoperative angiography. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2010 , 139, 256-62	1.5	14
136	Hemodynamic effects of tachycardia in patients with relaxation abnormality: abnormal stroke volume response as an overlooked mechanism of dyspnea associated with tachycardia in diastolic heart failure. <i>Journal of the American Society of Echocardiography</i> , 2007 , 20, 171-6	5.8	14
135	Correlation of Fas and Fas ligand expression with rejection status of transplanted heart in human. <i>Transplantation</i> , 2001 , 71, 906-9	1.8	14
134	Cough syncope caused by sinus arrest in a patient with sick sinus syndrome. <i>PACE - Pacing and Clinical Electrophysiology</i> , 1989 , 12, 883-6	1.6	14
133	Quantification of pedal edema during treatment with S(-)-amlodipine nicotinate versus amlodipine besylate in female Korean patients with mild to moderate hypertension: a 12-week, multicenter, randomized, double-blind, active-controlled, phase IV clinical trial. <i>Clinical Therapeutics</i> , 2012 , 34, 1940-7	3.5	13
132	Echocardiographic and hemodynamic findings in patients with mitral stenosis undergoing percutaneous mitral commissurotomy comparing those with chronic atrial fibrillation versus those with normal sinus rhythm. <i>American Journal of Cardiology</i> , 2007 , 100, 1153-6	3	13
131	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	7.9	12
130	Survival, exercise capacity, and left ventricular remodeling in a rat model of chronic mitral regurgitation: serial echocardiography and pressure-volume analysis. <i>Korean Circulation Journal</i> , 2011 , 41, 603-11	2.2	12
129	Malignancy rate in sonographically suspicious thyroid nodules of less than a centimeter in size does not decrease with decreasing size. <i>Journal of Korean Medical Science</i> , 2011 , 26, 237-42	4.7	12
128	B-type natriuretic Peptide in isolated severe tricuspid regurgitation: determinants and impact on outcome. <i>Journal of Cardiovascular Imaging</i> , 2010 , 18, 139-45	0	12
127	Prediction of postoperative left ventricular systolic function with Doppler-derived dP/dt in patients with chronic aortic regurgitation. <i>Journal of the American Society of Echocardiography</i> , 2003 , 16, 1111-5	5.8	12
126	Three-year clinical follow-up results of intracoronary radiation therapy using a rhenium-188-diethylene-triamine-penta-acetic-acid-filled balloon system. <i>Circulation Journal</i> , 2004 , 68, 532-7	2.9	12

125	Effect of hypercholesterolemia on the sequential changes of apoptosis and proliferation after balloon injury to rabbit iliac artery. <i>Atherosclerosis</i> , 2000 , 150, 309-20	3.1	12
124	Paradigm Shifts of Heart Failure Therapy: Do We Need Another Paradigm?. <i>International Journal of Heart Failure</i> , 2020 , 2, 145	1.3	12
123	CYP3A4 genetic status may be associated with increased vulnerability to the inhibitory effect of calcium-channel blockers on clopidogrel. <i>Circulation Journal</i> , 2013 , 77, 1289-96	2.9	11
122	Under-utilization of donor hearts in the initial era of the heart transplant program in Korea- review of 13 years experience from the Korea national registry. <i>Circulation Journal</i> , 2013 , 77, 2056-63	2.9	11
121	Relation of pulmonary venous flow to mean left atrial pressure in mitral stenosis with sinus rhythm. <i>American Heart Journal</i> , 1993 , 126, 1401-7	4.9	11
120	Effect of apixaban compared with warfarin on coagulation markers in atrial fibrillation. <i>Heart</i> , 2019 , 105, 235-242	5.1	11
119	Heart Transplantation in Asia. <i>Circulation Journal</i> , 2017 , 81, 617-621	2.9	10
118	QRS prolongation in the prediction of clinical cardiac events in patients with acute heart failure: analysis of data from the Korean Acute Heart Failure Registry. <i>Cardiology</i> , 2013 , 125, 96-103	1.6	10
117	Synchronicity of LV contraction as a determinant of LV twist mechanics: serial speckle-tracking analyses in WPW syndrome before and after radiofrequency catheter ablation. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 338-47	8.4	10
116	Elevated leukocyte count in asymptomatic subjects is associated with a higher risk for cerebral white matter lesions. <i>Clinical Neurology and Neurosurgery</i> , 2011 , 113, 177-80	2	10
115	Celecoxib does not attenuate the antiplatelet effects of aspirin and clopidogrel in healthy volunteers. <i>Korean Circulation Journal</i> , 2010 , 40, 321-7	2.2	10
114	Coronary stenting (Cordis) without anticoagulation. <i>American Journal of Cardiology</i> , 1997 , 79, 901-4	3	10
113	Effects of stem cell therapy with G-CSF on coronary artery after drug-eluting stent implantation in patients with acute myocardial infarction. <i>Heart</i> , 2008 , 94, 604-9	5.1	10
112	The impact of hepatitis B on heart transplantation: 19 years of national experience in Korea. <i>Annals of Transplantation</i> , 2014 , 19, 182-7	1.4	10
111	Discrimination of stress (Takotsubo) cardiomyopathy from acute coronary syndrome with clinical risk factors and coronary evaluation in real-world clinical practice. <i>International Journal of Cardiology</i> , 2017 , 235, 154-161	3.2	9
110	Clinical benefit of spironolactone in patients with acute decompensated heart failure and severe renal dysfunction: Data from the Korean Heart Failure Registry. <i>American Heart Journal</i> , 2015 , 169, 713-720.e3 ⁹	4.9	9
109	Guideline-directed medical therapy in elderly patients with heart failure with reduced ejection fraction: a cohort study. <i>BMJ Open</i> , 2020 , 10, e030514	3	9
108	Activation of Protein Kinase G (PKG) Reduces Neointimal Hyperplasia, Inhibits Platelet Aggregation, and Facilitates Re-endothelialization. <i>Scientific Reports</i> , 2016 , 6, 36979	4.9	9

107	Efficacy of fimasartan/hydrochlorothiazide combination in hypertensive patients inadequately controlled by fimasartan monotherapy. <i>Drug Design, Development and Therapy</i> , 2015 , 9, 2847-54	4.4	9
106	Clinical implication of right bundle branch block in hospitalized patients with acute heart failure: data from the Korean Heart Failure (KorHF) Registry. <i>International Journal of Cardiology</i> , 2012 , 157, 416-8 ²	3.2	9
105	Human peripheral blood-born hematosphere as a niche for hematopoietic stem cell expansion. <i>Cell Research</i> , 2011 , 21, 987-90	24.7	9
104	Effects of the early administration of heparin in patients with ST-elevation myocardial infarction treated by primary angioplasty. <i>Circulation Journal</i> , 2007 , 71, 862-7	2.9	9
103	Evaluation of inotropic effect of endothelin-1 in vivo. <i>Journal of Cardiovascular Pharmacology</i> , 1992 , 20, 671-7	3.1	9
102	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	2.5	9
101	Nutritional risk index as a predictor of mortality in acutely decompensated heart failure. <i>PLoS ONE</i> , 2018 , 13, e0209088	3.7	9
100	Blockers and 1-Year Postdischarge Mortality for Heart Failure and Reduced Ejection Fraction and Slow Discharge Heart Rate. <i>Journal of the American Heart Association</i> , 2019 , 8, e011121	6	8
99	Therapeutic effects of udenafil on pressure-overload cardiac hypertrophy. <i>Hypertension Research</i> , 2015 , 38, 597-604	4.7	8
98	Fate of Acute Heart Failure Patients With Mid-Range Ejection Fraction. <i>Circulation Journal</i> , 2018 , 82, 2071-2078	2.9	8
97	Survey of atherosclerotic disease in Asian subjects with cardiovascular disease risk factors who were not receiving lipid-lowering agents. <i>International Journal of Cardiology</i> , 2013 , 168, 2761-6	3.2	8
96	Effects of ezetimibe/simvastatin 10/20 mg vs. atorvastatin 20 mg on apolipoprotein B/apolipoprotein A1 in Korean patients with type 2 diabetes mellitus: results of a randomized controlled trial. <i>American Journal of Cardiovascular Drugs</i> , 2013 , 13, 343-51	4	8
95	Evaluation of local flow conditions in jailed side branch lesions using computational fluid dynamics. <i>Korean Circulation Journal</i> , 2011 , 41, 91-6	2.2	8
94	Impact of preload alteration on left ventricular mechanical dyssynchrony using tissue velocity imaging echocardiography. <i>Echocardiography</i> , 2011 , 28, 196-202	1.5	8
93	Left atrial remodelling in patients with successful percutaneous mitral valvuloplasty: determinants and impact on long-term clinical outcome. <i>Heart</i> , 2010 , 96, 1050-5	5.1	8
92	Sirolimus-eluting stent showed better one-year outcomes than paclitaxel-eluting stent in a real life setting of coronary intervention in Koreans. <i>International Journal of Cardiology</i> , 2007 , 117, 31-6	3.2	8
91	Six Months Follow Up Results of "Granulocytes-Colony Stimulating Factor" Based Stem Cell Therapy in Patients with Myocardial Infarction - MAGIC Cell Randomized Controlled Trial -. <i>Korean Circulation Journal</i> , 2006 , 36, 99	2.2	8
90	Early up-regulation of CXC-chemokine expression is associated with strong cellular immune responses to murine skin xenografts. <i>Xenotransplantation</i> , 2006 , 13, 328-36	2.8	8

89	Differential diagnosis of slow/slow atrioventricular nodal reentrant tachycardia from atrioventricular reentrant tachycardia using concealed posteroseptal accessory pathway by 12-lead electrocardiography. <i>PACE - Pacing and Clinical Electrophysiology</i> , 2003 , 26, 2296-300	1.6	8
88	Effects of beta-radiation with a 188rhenium-filled balloon catheter system on non-stented adjacent coronary artery segments. <i>International Journal of Cardiology</i> , 2004 , 96, 73-7	3.2	8
87	Impact of perioperative renal dysfunction in heart transplantation: combined heart and kidney transplantation could help to reduce postoperative mortality. <i>Annals of Transplantation</i> , 2013 , 18, 533-49	1.4	8
86	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	2.5	8
85	Artificial Intelligence Algorithm for Screening Heart Failure with Reduced Ejection Fraction Using Electrocardiography. <i>ASAIO Journal</i> , 2021 , 67, 314-321	3.6	8
84	Artificial intelligence algorithm for predicting cardiac arrest using electrocardiography. <i>Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine</i> , 2020 , 28, 98	3.6	8
83	Coronary artery bypass graft versus percutaneous coronary intervention in acute heart failure. <i>Heart</i> , 2020 , 106, 50-57	5.1	8
82	Impact of diabetes mellitus on mortality in patients with acute heart failure: a prospective cohort study. <i>Cardiovascular Diabetology</i> , 2020 , 19, 49	8.7	7
81	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,	5.1	7
80	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	3.2	7
79	Hyponatraemia and its prognosis in acute heart failure is related to right ventricular dysfunction. <i>Heart</i> , 2018 , 104, 1670-1677	5.1	7
78	Physiologic evaluation of myocardial bridging: a new analysis for an old disease. <i>Canadian Journal of Cardiology</i> , 2011 , 27, 596-600	3.8	7
77	Sirolimus- vs. paclitaxel-eluting stents for the treatment of unprotected left main coronary artery stenosis: complete 2-year follow-up of a two-center registry. <i>International Journal of Cardiology</i> , 2011 , 151, 89-95	3.2	7
76	Long-term outcome of adjunctive celecoxib treatment after paclitaxel-eluting stent implantation for the complex coronary lesions: two-year clinical follow-up of COREA-TAXUS trial. <i>Circulation: Cardiovascular Interventions</i> , 2010 , 3, 243-8	6	7
75	Oscillating pressure treatment upregulates connexin43 expression in skeletal myoblasts and enhances therapeutic efficacy for myocardial infarction. <i>Cell Transplantation</i> , 2009 , 18, 1123-35	4	7
74	One month follow-up C-reactive protein may be a useful predictor of angiographic restenosis and long-term clinical outcomes after bare metal stent implantation. <i>International Journal of Cardiology</i> , 2006 , 109, 267-9	3.2	7
73	Two-year clinical follow-up results of intracoronary radiation therapy with rhenium-188-diethylene triamine penta-acetic acid-filled balloon. <i>Catheterization and Cardiovascular Interventions</i> , 2004 , 63, 274-87	3.7	7
72	Inhibition of nitric oxide synthesis increases apoptotic cardiomyocyte death and myocardial angiotensin-converting enzyme gene expression in ischemia/reperfusion-injured myocardium of rats. <i>Heart and Vessels</i> , 2001 , 16, 12-9	2.1	7

71	Variant angina is not associated with angiotensin I converting enzyme gene polymorphism but rather with smoking. <i>Coronary Artery Disease</i> , 1999 , 10, 227-33	1.4	7
70	Pulmonary artery aneurysm associated with hereditary hemorrhagic telangiectasia. <i>International Journal of Cardiology</i> , 1994 , 45, 227-9	3.2	7
69	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	1.3	7
68	The beneficial prognostic value of hemoconcentration is negatively affected by hyponatremia in acute decompensated heart failure: Data from the Korean Heart Failure (KorHF) Registry. <i>Journal of Cardiology</i> , 2017 , 69, 790-796	3	6
67	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, 238-248	2.2	6
66	Interaction between platelets and endothelial progenitor cells via LPA-Edg-2 axis is augmented by PPAR- α activation. <i>Journal of Molecular and Cellular Cardiology</i> , 2016 , 97, 266-77	5.8	6
65	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, 544-9	4.7	6
64	Different pattern of carotid and myocardial changes according to left ventricular geometry in hypertensive patients. <i>Journal of Human Hypertension</i> , 2013 , 27, 7-12	2.6	6
63	Percutaneous fenestration of aortic dissection: salvage of an ischemic solitary left kidney. <i>CardioVascular and Interventional Radiology</i> , 1997 , 20, 146-8	2.7	6
62	Aliskiren, the first in a new class of direct renin inhibitors for hypertension: present and future perspectives. <i>Expert Opinion on Pharmacotherapy</i> , 2007 , 8, 2839-49	4	6
61	The appropriateness of percutaneous transluminal coronary angioplasty in Korea. <i>International Journal of Cardiology</i> , 2004 , 95, 199-205	3.2	6
60	Features of Gastric Neoplasm Detected during the Screening Examination. <i>Gut and Liver</i> , 2007 , 1, 33-9	4.8	6
59	Detection and classification of arrhythmia using an explainable deep learning model. <i>Journal of Electrocardiology</i> , 2021 , 67, 124-132	1.4	6
58	24-Hour blood pressure response to lower dose (30 mg) fimasartan in Korean patients with mild to moderate essential hypertension. <i>Korean Journal of Internal Medicine</i> , 2017 , 32, 1025-1036	2.5	5
57	Efficacy and Safety Study of Olmesartan Medoxomil, Amlodipine, and Hydrochlorothiazide Combination Therapy in Patients with Hypertension Not Controlled with Olmesartan Medoxomil and Hydrochlorothiazide Combination Therapy: Results of a Randomized, Double-Blind, Multicenter Trial. <i>American Journal of Cardiovascular Drugs</i> , 2016 , 16, 129-38	4	5
56	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	3.8	5
55	Relation of Renal Function with Left Ventricular Systolic Function and NT-proBNP Level and Its Prognostic Implication in Heart Failure with Preserved versus Reduced Ejection Fraction: an analysis from the Korean Heart Failure (KorHF) Registry. <i>Korean Circulation Journal</i> , 2017 , 47, 727-741	2.2	5
54	Persistent regional diastolic dysfunction after myocardial ischemia and the effect of statin treatment: assessment with two-dimensional radial strain rate. <i>Echocardiography</i> , 2010 , 27, 244-52	1.5	5

53	One year clinical and six month angiographic results of drug eluting stents for ST elevation acute myocardial infarction: 'real world' comparison between sirolimus- and paclitaxel-eluting stents. <i>International Journal of Cardiology</i> , 2009 , 131, 350-5	3.2	5
52	Management and Prognosis of Heart Failure in Octogenarians: Final Report from the KorAHF Registry. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
51	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	3.2	4
50	Change of B-type natriuretic peptide after surgery and its association with rhythm status in patients with chronic severe mitral regurgitation. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 704-11	3.8	4
49	Load independence of two-dimensional speckle-tracking-derived left ventricular twist and apex-to-base rotation delay in nonischemic dilated cardiomyopathy: implications for left ventricular dyssynchrony assessment. <i>Journal of the American Society of Echocardiography</i> , 2012 , 25, 652-60	5.8	4
48	The effect of granulocyte-colony stimulating factor on endothelial function in patients with myocardial infarction. <i>Heart</i> , 2009 , 95, 1320-5	5.1	4
47	Losartan/Hydrochlorothiazide fixed combination versus amlodipine monotherapy in Korean patients with mild to moderate hypertension. <i>Korean Circulation Journal</i> , 2009 , 39, 151-6	2.2	4
46	The incidence and predictors of contrast-induced nephropathy in adequately hydrated elderly patients with impaired renal function. <i>Nephrology Dialysis Transplantation</i> , 2007 , 22, 1794-5	4.3	4
45	Two-year outcomes of repeated brachytherapy in patients with restenosis after intracoronary radiation therapy. <i>American Journal of Cardiology</i> , 2004 , 94, 1061-3	3	4
44	The association between the T102C polymorphism of the HTR2A serotonin receptor gene and HDL cholesterol level in Koreans. <i>BMB Reports</i> , 2005 , 38, 238-42	5.5	4
43	Effects of Widespread Inotrope Use in Acute Heart Failure Patients. <i>Journal of Clinical Medicine</i> , 2018 , 7,	5.1	4
42	A Population Pharmacokinetic Analysis of Fimasartan, a Selective Angiotensin II Receptor Antagonist, in Healthy Caucasian Subjects and Korean Patients With Hypertension. <i>Clinical Pharmacology in Drug Development</i> , 2013 , 2, 162-72	2.3	3
41	Association of heart rhythm with exercise capacity after operation for chronic mitral regurgitation. <i>Annals of Thoracic Surgery</i> , 2012 , 93, 1888-95	2.7	3
40	The prognostic implication of metabolic syndrome in patients with heart failure. <i>Korean Circulation Journal</i> , 2013 , 43, 87-92	2.2	3
39	Two cases of anomalous origin of a right coronary artery: same anatomy, but different physiology. <i>Canadian Journal of Cardiology</i> , 2011 , 27, 263.e29-30	3.8	3
38	Effects of the aging process on left ventricular systolic and diastolic synchronicity indexes: insights from 160 "completely" healthy volunteers. <i>Clinical Cardiology</i> , 2010 , 33, E24-31	3.3	3
37	Assessment of Intermediate Coronary Stenosis in Koreans Using the Fractional Flow Reserve. <i>Korean Circulation Journal</i> , 2008 , 38, 468	2.2	3
36	Effect of hypercholesterolemia on macrophage infiltration after balloon injury to rabbit iliac artery. <i>Japanese Circulation Journal</i> , 2001 , 65, 117-22		3

35	Comparison of antiplatelet effect and safety of clopidogrel napadisilate with clopidogrel bisulfate in coronary artery disease patients: multi-center, randomized, double-blind, phase IV, non-inferiority clinical trial. <i>American Journal of Cardiovascular Drugs</i> , 2013 , 13, 413-24	4	2
34	The influence of coronary collateral flow on the assessment of myocardial perfusion by videodensitometry. <i>Cardiovascular Research</i> , 1997 , 33, 359-69	9.9	2
33	Pneumatic lower extremity compression during dobutamine stress echocardiography. <i>Circulation Journal</i> , 2008 , 72, 251-5	2.9	2
32	Long-term clinical outcomes of dissections after intracoronary beta-radiation with rhenium-188-diethylene triamine penta-acetic acid-filled balloon system. <i>International Journal of Cardiology</i> , 2005 , 104, 190-6	3.2	2
31	Assessment of coronary vasodilatation in response to nitroglycerin with transthoracic Doppler echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 777-80	5.8	2
30	Coronary blood flow after cold exposure and the effect of warm-up exercise. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 386-90	5.8	2
29	Magnetic resonance evaluation of mitral stenosis. <i>CardioVascular and Interventional Radiology</i> , 1990 , 13, 294-9	2.7	2
28	Real-world eligibility for vericiguat in decompensated heart failure with reduced ejection fraction.. <i>ESC Heart Failure</i> , 2022 ,	3.7	2
27	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	1.3	2
26	NFATc1+CD31+CD45- circulating multipotent stem cells derived from human endocardium and their therapeutic potential. <i>Biomaterials</i> , 2020 , 232, 119674	15.6	2
25	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, 1002-1011	2.2	2
24	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	5.4	2
23	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, 1726-39	3.5	1
22	Response to beta-blockers and natriuretic peptide level in acute heart failure: analysis of data from the Korean acute heart failure registry. <i>Clinical Research in Cardiology</i> , 2021 , 110, 1392-1403	6.1	1
21	Thiazolidinedione usage is associated with decreased response to clopidogrel in DM patients. <i>International Journal of Cardiology</i> , 2013 , 168, 608-10	3.2	1
20	Response to letter regarding article, "Efficacy and safety of apixaban compared with warfarin at different levels of predicted international normalized ratio control for stroke prevention in atrial fibrillation". <i>Circulation</i> , 2014 , 129, e21-2	16.7	1
19	Reciprocal change in angiotensinogen mRNA expression in rat myocardium and liver after myocardial infarction. <i>Heart and Vessels</i> , 1998 , 13, 1-8	2.1	1
18	N-terminal pro-B-type natriuretic peptide as a predictor of repeat coronary revascularization. <i>International Journal of Cardiology</i> , 2008 , 126, 322-32	3.2	1

17	A Case of Embolization Seen in Pulmonary Arteriovenous Malformation in a Patient with Osler-Rendu-Weber Syndrome. <i>Korean Circulation Journal</i> , 2006 , 36, 820	2.2	1
16	Images in cardiology: mycotic aneurysm and arteriocaval fistula. <i>Clinical Cardiology</i> , 2003 , 26, 45	3.3	1
15	Association between cardiac valvular calcification and coronary artery disease in a low-risk population. <i>Coronary Artery Disease</i> , 2004 , 15, 1-6	1.4	1
14	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	2.5	1
13	Forkhead Factor, FOXO3a, Induces Apoptosis of Endothelial Cells Through Activation of Matrix Metalloproteinases. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 302-308	9.4	1
12	Prognostic Implication of Ventricular Conduction Disturbance Pattern in Hospitalized Patients with Acute Heart Failure Syndrome. <i>Korean Circulation Journal</i> , 2019 , 49, 602-611	2.2	1
11	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	1.3	1
10	Heart failure and atrial fibrillation: tachycardia-mediated acute decompensation. <i>ESC Heart Failure</i> , 2021 , 8, 2816-2825	3.7	1
9	Determinants of left ventricular function improvement for cardiac resynchronization therapy candidates.. <i>ESC Heart Failure</i> , 2021 ,	3.7	1
8	Implantable Cardioverter-defibrillator Utilization and Its Outcomes in Korea: Data from Korean Acute Heart Failure Registry. <i>Journal of Korean Medical Science</i> , 2020 , 35, e397	4.7	0
7	High Incidence and Mortality of Out-of-Hospital Cardiac Arrest on Traditional Holiday in South Korea. <i>Korean Circulation Journal</i> , 2019 , 49, 945-956	2.2	0
6	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	6.1	0
5	Clinical validity of longitudinal pre-ejectional myocardial velocity for identifying the transmural extent of viable myocardium: early after reperfusion of an infarct-related coronary artery. <i>Circulation Journal</i> , 2007 , 71, 1904-11	2.9	
4	Effect of Hypercholesterolemia on the Sequential Changes of Apoptosis and Proliferation after Balloon Injury to Rabbit Iliac Artery. <i>Sunhwantgi</i> , 2000 , 30, 383		
3	Clinical and Angiographic Characteristics of Coronary Artery Spasm. <i>Annals of the New York Academy of Sciences</i> , 1990 , 598, 570-571	6.5	
2	A Randomized, Double-Blind, Non-Inferiority Clinical Trial for Safety and Efficacy of Candesartan Cilexetil Compared with Enalapril Maleate in Patients with Essential Hypertension. <i>Journal of the Korean Society for Clinical Pharmacology and Therapeutics</i> , 2003 , 11, 48		
1	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	5.1	