Byung-Hee Oh

List of Publications by Year in descending order

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336 papers 17,164 citations

59 h-index 118 g-index

357 all docs

357 docs citations

times ranked

357

18165 citing authors

#	Article	IF	CITATIONS
1	Assessment of Mitral Annulus Velocity by Doppler Tissue Imaging in the Evaluation of Left Ventricular Diastolic Function. Journal of the American College of Cardiology, 1997, 30, 474-480.	2.8	1,427
2	Characterization of Two Types of Endothelial Progenitor Cells and Their Different Contributions to Neovasculogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2004, 24, 288-293.	2.4	1,114
3	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. Lancet, The, 2004, 363, 751-756.	13.7	871
4	Synergistic Neovascularization by Mixed Transplantation of Early Endothelial Progenitor Cells and Late Outgrowth Endothelial Cells. Circulation, 2005, 112, 1618-1627.	1.6	567
5	Aging and Arterial Stiffness. Circulation Journal, 2010, 74, 2257-2262.	1.6	482
6	Physiologic Assessment of Jailed Side Branch Lesions Using Fractional Flow Reserve. Journal of the American College of Cardiology, 2005, 46, 633-637.	2.8	297
7	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. Journal of the American College of Cardiology, 2008, 51, 933-943.	2.8	286
8	Aliskiren, an Oral Renin Inhibitor, Provides Dose-Dependent Efficacy and Sustained 24-Hour Blood Pressure Control in Patients With Hypertension. Journal of the American College of Cardiology, 2007, 49, 1157-1163.	2.8	265
9	Renal Toxicity Evaluation and Comparison Between Visipaque (lodixanol) and Hexabrix (loxaglate) in Patients With Renal Insufficiency Undergoing Coronary Angiography. Journal of the American College of Cardiology, 2006, 48, 924-930.	2.8	262
10	Seroprevalence of Helicobacter pylori in South Korea. Helicobacter, 2007, 12, 333-340.	3.5	251
11	Determinants of Surgical Outcome in Patients With Isolated Tricuspid Regurgitation. Circulation, 2009, 120, 1672-1678.	1.6	250
12	Identification of a Novel Role of T Cells in Postnatal Vasculogenesis. Circulation, 2007, 116, 1671-1682.	1.6	240
13	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, Circulation, 2006, 114, I-145-I-151.	1.6	220
14	Physiological evaluation of the provisional side-branch intervention strategy for bifurcation lesions using fractional flow reserve. European Heart Journal, 2008, 29, 726-732.	2.2	220
15	Efficacy and Safety of Apixaban Compared With Warfarin at Different Levels of Predicted International Normalized Ratio Control for Stroke Prevention in Atrial Fibrillation. Circulation, 2013, 127, 2166-2176.	1.6	196
16	Mobilized Endothelial Progenitor Cells by Granulocyte-Macrophage Colony-Stimulating Factor Accelerate Reendothelialization and Reduce Vascular Inflammation After Intravascular Radiation. Circulation, 2003, 108, 2918-2925.	1.6	168
17	Assessment of Left Ventricular Rotation and Torsion with Two-dimensional Speckle Tracking Echocardiography. Journal of the American Society of Echocardiography, 2007, 20, 45-53.	2.8	165
18	Determinants of the Severity of Functional Tricuspid Regurgitation. American Journal of Cardiology, 2006, 98, 236-242.	1.6	162

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19	Development of tricuspid regurgitation late after left-sided valve surgery: A single-center experience with long-term echocardiographic examinations. American Heart Journal, 2008, 155, 732-737.	2.7	162
20	A coronary heart disease prediction model: the Korean Heart Study. BMJ Open, 2014, 4, e005025.	1.9	153
21	Biodegradable-polymer drug-eluting stents vs. bare metal stents vs. durable-polymer drug-eluting stents: a systematic review and Bayesian approach network meta-analysis. European Heart Journal, 2014, 35, 1147-1158.	2.2	152
22	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. American Heart Journal, 2008, 155, 499.e1-499.e8.	2.7	146
23	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. European Journal of Heart Failure, 2014, 16, 700-708.	7.1	145
24	Involvement of E-selectin in recruitment of endothelial progenitor cells and angiogenesis in ischemic muscle. Blood, 2007, 110, 3891-3899.	1.4	142
25	Metabolic Syndrome as an Independent Risk Factor of Silent Brain Infarction in Healthy People. Stroke, 2006, 37, 466-470.	2.0	138
26	Left Ventricular Systolic Dysfunction, Heart Failure, and the Risk of Stroke and Systemic Embolism in Patients With Atrial Fibrillation. Circulation: Heart Failure, 2013, 6, 451-460.	3.9	136
27	Clinical Characteristics and Outcome of Acute Heart Failure in Korea: Results from the Korean Acute Heart Failure Registry (KorAHF). Korean Circulation Journal, 2017, 47, 341.	1.9	131
28	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. American Heart Journal, 2014, 168, 303-309.	2.7	128
29	The Relation Between Non-Alcoholic Fatty Liver Disease and the Risk of Coronary Heart Disease in Koreans. American Journal of Gastroenterology, 2009, 104, 1953-1960.	0.4	117
30	Baseline Characteristics of Patients With Heart Failure and Preserved Ejection Fraction in the PARAGON-HF Trial. Circulation: Heart Failure, 2018, 11, e004962.	3.9	117
31	Prognostic value of NT-proBNP in heart failure with preserved versus reduced EF. Heart, 2015, 101, 1881-1888.	2.9	113
32	Off-pump coronary artery bypass may decrease the patency of saphenous vein grafts. Annals of Thoracic Surgery, 2001, 72, S1033-S1037.	1.3	110
33	Î ² -Catenin Overexpression Reduces Myocardial Infarct Size through Differential Effects on Cardiomyocytes and Cardiac Fibroblasts. Journal of Biological Chemistry, 2006, 281, 30979-30989.	3.4	108
34	Noninvasive Diagnosis of Ischemia-Causing Coronary Stenosis Using CT Angiography. JACC: Cardiovascular Imaging, 2012, 5, 1088-1096.	5.3	108
35	The ACC/AHA 2013 pooled cohort equations compared to a Korean Risk Prediction Model for atherosclerotic cardiovascular disease. Atherosclerosis, 2015, 242, 367-375.	0.8	106
36	Characteristics, Outcomes and Predictors of Long-Term Mortality for Patients Hospitalized for Acute Heart Failure: A Report From the Korean Heart Failure Registry. Korean Circulation Journal, 2011, 41, 363.	1.9	105

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37	Prediction of Outcome in Patients Undergoing Surgery for Severe Tricuspid Regurgitation Following Mitral Valve Surgery and Role of Tricuspid Annular Systolic Velocity. American Journal of Cardiology, 2006, 98, 659-661.	1.6	104
38	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. Circulation Research, 2007, 100, 372-380.	4.5	102
39	Adipokine Resistin Is a Key Player to Modulate Monocytes, Endothelial Cells, and Smooth Muscle Cells, Leading to Progression of Atherosclerosis in Rabbit Carotid Artery. Journal of the American College of Cardiology, 2011, 57, 99-109.	2.8	102
40	Integrin-Linked Kinase, a Hypoxia-Responsive Molecule, Controls Postnatal Vasculogenesis by Recruitment of Endothelial Progenitor Cells to Ischemic Tissue. Circulation, 2006, 114, 150-159.	1.6	101
41	Clinical and Physiological Outcomes of Fractional Flow Reserve-Guided Percutaneous Coronary Intervention in Patients With Serial Stenoses Within One Coronary Artery. JACC: Cardiovascular Interventions, 2012, 5, 1013-1018.	2.9	94
42	Direct Conversion of Adult Skin Fibroblasts to Endothelial Cells by Defined Factors. Circulation, 2014, 130, 1168-1178.	1.6	92
43	Celecoxib, a Cyclooxygenase-2 Inhibitor, Reduces Neointimal Hyperplasia Through Inhibition of Akt Signaling. Circulation, 2004, 110, 301-308.	1.6	90
44	Effects of Red Ginseng upon Vascular Endothelial Function in Patients with Essential Hypertension. The American Journal of Chinese Medicine, 2000, 28, 205-216.	3.8	89
45	COMP-Ang1 stimulates HIF-1α–mediated SDF-1 overexpression and recovers ischemic injury through BM-derived progenitor cell recruitment. Blood, 2011, 117, 4376-4386.	1.4	86
46	Peroxisome Proliferator–Activated Receptor-δAgonist Enhances Vasculogenesis by Regulating Endothelial Progenitor Cells Through Genomic and Nongenomic Activations of the Phosphatidylinositol 3-Kinase/Akt Pathway. Circulation, 2008, 118, 1021-1033.	1.6	85
47	Effect of Red Ginseng on Blood Pressure in Patients with Essential Hypertension and White Coat Hypertension. The American Journal of Chinese Medicine, 1998, 26, 199-209.	3.8	84
48	Artificial intelligence algorithm for predicting mortality of patients with acute heart failure. PLoS ONE, 2019, 14, e0219302.	2.5	84
49	Lipid Profiles and Bone Mineral Density in Pre- and Postmenopausal Women in Korea. Calcified Tissue International, 2010, 87, 507-512.	3.1	80
50	Serum alkaline phosphatase is a predictor of mortality, myocardial infarction, or stent thrombosis after implantation of coronary drug-eluting stent. European Heart Journal, 2013, 34, 920-931.	2.2	80
51	Impact of the Maze Operation Combined With Left-Sided Valve Surgery on the Change in Tricuspid Regurgitation Over Time. Circulation, 2005, 112, 114-9.	1.6	73
52	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. Clinica Chimica Acta, 2004, 341, 83-91.	1,1	72
53	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 (MAGIC Cell) 1 trial. American Heart Journal. 2007. 153. 237.e1-237.e8.	2.7	71
54	Development and Validation of Deep-Learning Algorithm for Electrocardiography-Based Heart Failure Identification. Korean Circulation Journal, 2019, 49, 629.	1.9	70

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55	N-acetylcysteine versus AScorbic acid for Preventing contrast-Induced nephropathy in patients with renal insufficiency undergoing coronary angiography. American Heart Journal, 2009, 157, 576-583.	2.7	68
56	Reverse J-Curve Relationship Between On-Treatment Blood Pressure and Mortality in Patients With Heart Failure. JACC: Heart Failure, 2017, 5, 810-819.	4.1	68
57	A deep learning algorithm to detect anaemia with ECGs: a retrospective, multicentre study. The Lancet Digital Health, 2020, 2, e358-e367.	12.3	67
58	β-Catenin Overexpression Augments Angiogenesis and Skeletal Muscle Regeneration Through Dual Mechanism of Vascular Endothelial Growth Factor–Mediated Endothelial Cell Proliferation and Progenitor Cell Mobilization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 91-98.	2.4	66
59	Safety and efficacy of everolimus- versus sirolimus-eluting stents: A systematic review and meta-analysis of 11 randomized trials. American Heart Journal, 2013, 165, 241-250.e4.	2.7	66
60	Comparing the performance of artificial intelligence and conventional diagnosis criteria for detecting left ventricular hypertrophy using electrocardiography. Europace, 2020, 22, 412-419.	1.7	66
61	Akt Is a Key Modulator of Endothelial Progenitor Cell Trafficking in Ischemic Muscle. Stem Cells, 2007, 25, 1769-1778.	3.2	65
62	Enhanced Clopidogrel Responsiveness in Smokers. Arteriosclerosis, Thrombosis, and Vascular Biology, 2011, 31, 665-671.	2.4	65
63	Characteristics, Outcomes, and Treatment of Heart Failure With Improved Ejection Fraction. Journal of the American Heart Association, 2019, 8, e011077.	3.7	61
64	Artificial intelligence algorithm for detecting myocardial infarction using six-lead electrocardiography. Scientific Reports, 2020, 10, 20495.	3.3	61
65	Left Ventricular Systolic and Diastolic Dyssynchrony in Asymptomatic Hypertensive Patients. Journal of the American Society of Echocardiography, 2009, 22, 337-342.	2.8	59
66	Comparison of Hyperemic Efficacy Between Central and Peripheral Venous Adenosine Infusion for Fractional Flow Reserve Measurement. Circulation: Cardiovascular Interventions, 2012, 5, 401-405.	3.9	59
67	Age-Associated Increase in Arterial Stiffness Measured According to the Cardio-Ankle Vascular Index without Blood Pressure Changes in Healthy Adults. Journal of Atherosclerosis and Thrombosis, 2013, 20, 911-923.	2.0	56
68	Clinical Predictors of High Posttreatment Platelet Reactivity to Clopidogrel in Koreans. Cardiovascular Therapeutics, 2012, 30, 5-11.	2.5	54
69	Effects of Angiotensin Converting Enzyme Inhibitor and Calcium Antagonist on Endothelial Function in patients with Essential Hypertension Hypertension Research, 2002, 25, 365-371.	2.7	53
70	Treatment Performance Measures Affect Clinical Outcomes in Patients With Acute Systolic Heart Failure. Circulation Journal, 2012, 76, 1151-1158.	1.6	53
71	Epicardial Fat Reflects Arterial Stiffness: Assessment Using 256-Slice Multidetector Coronary Computed Tomography and Cardio-Ankle Vascular Index. Journal of Atherosclerosis and Thrombosis, 2012, 19, 570-576.	2.0	53
72	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 Mild-to-Moderate Hypertension. Clinical Therapeutics, 2012, 34, 552-568.e9.	2.5	53

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73	Effect of Rosuvastatin on Cardiac Remodeling, Function, and Progression to Heart Failure in Hypertensive Heart With Established Left Ventricular Hypertrophy. Hypertension, 2009, 54, 591-597.	2.7	52
74	Does "late catch-up―exist in drug-eluting stents: Insights from a serial quantitative coronary angiography analysis of sirolimus versus paclitaxel-eluting stents. American Heart Journal, 2010, 159, 446-453.e3.	2.7	52
75	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. Heart, 2012, 98, 1798-1804.	2.9	50
76	A randomized, open-label study to evaluate the efficacy and safety of pitavastatin compared with simvastatin in korean patients with hypercholesterolemia. Clinical Therapeutics, 2005, 27, 1074-1082.	2.5	49
77	Impact of Loading Condition on the 2D Speckle Tracking–Derived Left Ventricular Dyssynchrony Index in Nonischemic Dilated Cardiomyopathy. Circulation: Cardiovascular Imaging, 2010, 3, 272-281.	2.6	49
78	Relationship Between Fractional Flow Reserve and Angiographic and Intravascular Ultrasound Parameters in Ostial Lesions. JACC: Cardiovascular Interventions, 2012, 5, 409-415.	2.9	48
79	Constitutively Active Glycogen Synthase Kinase-3Î ² Gene Transfer Sustains Apoptosis, Inhibits Proliferation of Vascular Smooth Muscle Cells, and Reduces Neointima Formation After Balloon Injury in Rats. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1364-1369.	2.4	47
80	FOXO3a Turns the Tumor Necrosis Factor Receptor Signaling Towards Apoptosis Through Reciprocal Regulation of c-Jun N-Terminal Kinase and NF-κB. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 112-120.	2.4	47
81	Left ventricular twist mechanics in patients with apical hypertrophic cardiomyopathy: assessment with 2D speckle tracking echocardiography. Heart, 2010, 96, 49-55.	2.9	47
82	Sulfasalazine induces haem oxygenase-1 via ROS-dependent Nrf2 signalling, leading to control of neointimal hyperplasia. Cardiovascular Research, 2009, 82, 550-560.	3.8	46
83	Coronary atherosclerosis detected by coronary CT angiography in asymptomatic subjects with early chronic kidney disease. Atherosclerosis, 2010, 208, 406-411.	0.8	46
84	Potential predictors of asymptomatic ischemic heart disease in patients with vasculogenic erectile dysfunction. Urology, 2001, 58, 441-445.	1.0	45
85	Cardio-ankle vascular index reflects coronary atherosclerosis in patients with abnormal glucose metabolism: Assessment with 256 slice multi-detector computed tomography. Journal of Cardiology, 2012, 60, 372-376.	1.9	45
86	Relation between Cardio-Ankle Vascular Index and Coronary Artery Calcification or Stenosis in Asymptomatic Subjects. Journal of Atherosclerosis and Thrombosis, 2013, 20, 557-567.	2.0	45
87	Neutrophil-Lymphocyte Ratio in Patients with Acute Heart Failure Predicts In-Hospital and Long-Term Mortality. Journal of Clinical Medicine, 2020, 9, 557.	2.4	43
88	Stent-related cardiac events after non-cardiac surgery: Drug-eluting stent vs. bare metal stent. International Journal of Cardiology, 2008, 123, 353-354.	1.7	42
89	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. Heart, 2011, 97, 641-647.	2.9	42
90	Artificial intelligence for detecting mitral regurgitation using electrocardiography. Journal of Electrocardiology, 2020, 59, 151-157.	0.9	42

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91	Forkhead Factor, FOXO3a, Induces Apoptosis of Endothelial Cells Through Activation of Matrix Metalloproteinases. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 302-308.	2.4	41
92	Evaluation of left ventricular short- and long-axis function in severe mitral regurgitation using 2-dimensional strain echocardiography. American Heart Journal, 2009, 157, 345-351.	2.7	41
93	Is Metabolic Syndrome One of the Risk Factors for Gallbladder Polyps Found by Ultrasonography during Health Screening?. Gut and Liver, 2007, 1, 138-144.	2.9	41
94	The prognostic value of arterial blood gas analysis in highâ€risk acute heart failure patients: an analysis of the Korean Heart Failure (<scp>KorHF</scp>) registry. European Journal of Heart Failure, 2015, 17, 601-611.	7.1	40
95	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. PLoS ONE, 2018, 13, e0206380.	2.5	40
96	Restoration of atrial mechanical function after maze operation in patients with structural heart disease. American Heart Journal, 1998, 136, 1070-1074.	2.7	39
97	Ventricular remodeling and transforming growth factor-beta 1 mRNA expression after nontransmural myocardial infarction in rats: effects of angiotensin converting enzyme inhibition and angiotensin Il type 1 receptor blockade. Basic Research in Cardiology, 1999, 94, 246-253.	5.9	39
98	Clinical Outcomes of High On-Treatment Platelet Reactivity in Koreans Receiving Elective Percutaneous Coronary Intervention (from Results of the CROSS VERIFY Study). American Journal of Cardiology, 2011, 108, 1556-1563.	1.6	39
99	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. Journal of the American Society of Echocardiography, 2009, 22, 1344-1352.	2.8	38
100	Heart failure with reduced ejection fraction: comparison of patient characteristics and clinical outcomes within Asia and between Asia, Europe and the Americas. European Journal of Heart Failure, 2019, 21, 577-587.	7.1	38
101	Functional screening of genes suppressing TRAIL-induced apoptosis: distinct inhibitory activities of Bcl-XL and Bcl-2. British Journal of Cancer, 2003, 88, 910-917.	6.4	37
102	Enhanced clopidogrel response in smokers is reversed after discontinuation as assessed by VerifyNow assay: additional evidence for the concept of  smokers' paradox'. Heart, 2012, 98, 1000-1006.	2.9	37
103	The Korean Heart Study: rationale, objectives, protocol, and preliminary results for a new prospective cohort study of 430,920 men and women. European Journal of Preventive Cardiology, 2014, 21, 1484-1492.	1.8	37
104	Apoptosis and Regulation of Bax and Bcl-X Proteins During Human Neonatal Vascular Remodeling. Arteriosclerosis, Thrombosis, and Vascular Biology, 2000, 20, 957-963.	2.4	36
105	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. International Journal of Impotence Research, 2003, 15, 80-86.	1.8	36
106	Association of endothelial constitutive nitric oxide synthase gene polymorphism with acute coronary syndrome in Koreans. Heart, 2004, 90, 282-285.	2.9	36
107	Effect of celecoxib on restenosis after coronary angioplasty with a Taxus stent (COREA-TAXUS trial): an open-label randomised controlled study. Lancet, The, 2007, 370, 567-574.	13.7	36
108	General and abdominal obesity and abdominal visceral fat accumulation associated with coronary artery calcification in Korean men. Atherosclerosis, 2010, 213, 273-278.	0.8	36

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109	Hemoconcentration is a good prognostic predictor for clinical outcomes in acute heart failure: Data from the Korean Heart Failure (KorHF) Registry. International Journal of Cardiology, 2013, 168, 4739-4743.	1.7	36
110	Peroxisome proliferator-activated receptor-l´activates endothelial progenitor cells to induce angio-myogenesis through matrix metallo-proteinase-9-mediated insulin-like growth factor-1 paracrine networks. European Heart Journal, 2013, 34, 1755-1765.	2.2	36
111	Arterial Stiffness Using Cardio-Ankle Vascular Index Reflects Cerebral Small Vessel Disease in Healthy Young and Middle Aged Subjects. Journal of Atherosclerosis and Thrombosis, 2013, 20, 178-185.	2.0	36
112	Outcomes of de novo and acute decompensated heart failure patients according to ejection fraction. Heart, 2018, 104, 525-532.	2.9	36
113	Should ascending aortic intramural hematoma be treated surgically?. American Journal of Cardiology, 2001, 87, 1024-1026.	1.6	35
114	Association between plasma lipids, and apolipoproteins and coronary artery disease: a cross-sectional study in a low-risk Korean population. International Journal of Cardiology, 2005, 101, 435-440.	1.7	35
115	FOXO1 impairs whereas statin protects endothelial function in diabetes through reciprocal regulation of Krýppel-like factor 2. Cardiovascular Research, 2013, 97, 143-152.	3.8	35
116	Risk prediction for 30-day heart failure-specific readmission or death after discharge: Data from the Korean Acute Heart Failure (KorAHF) registry. Journal of Cardiology, 2019, 73, 108-113.	1.9	35
117	Artificial intelligence algorithm for predicting cardiac arrest using electrocardiography. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine, 2020, 28, 98.	2.6	35
118	Long-Term Exercise Training Attenuates Age-Related Diastolic Dysfunction: Association of Myocardial Collagen Cross-Linking. Journal of Korean Medical Science, 2009, 24, 32.	2.5	34
119	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. American Heart Journal, 2009, 157, 811-817.e1.	2.7	34
120	Amlodipine, clopidogrel and CYP3A5 genetic variability: effects on platelet reactivity and clinical outcomes after percutaneous coronary intervention. Heart, 2012, 98, 1366-1372.	2.9	34
121	PPARÎ ³ modulates vascular smooth muscle cell phenotype via a protein kinase G-dependent pathway and reduces neointimal hyperplasia after vascular injury. Experimental and Molecular Medicine, 2013, 45, e65-e65.	7.7	34
122	Vascular Calcifying Progenitor Cells Possess Bidirectional Differentiation Potentials. PLoS Biology, 2013, 11, e1001534.	5.6	34
123	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. American Heart Journal, 2014, 167, 384-392.e5.	2.7	34
124	Artificial Intelligence Algorithm for Screening Heart Failure with Reduced Ejection Fraction Using Electrocardiography. ASAIO Journal, 2021, 67, 314-321.	1.6	34
125	Deterioration of Myocardial Function in Paradoxical Low-Flow Severe Aortic Stenosis: Two-Dimensional Strain Analysis. Journal of the American Society of Echocardiography, 2011, 24, 976-983.	2.8	33
126	Comparison of Characteristics and 3-Year Outcomes in Patients With Acute Heart Failure With Preserved, Mid-Range, and Reduced Ejection Fraction. Circulation Journal, 2019, 83, 347-356.	1.6	33

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127	Incremental prognostic value of early postoperative right ventricular systolic function in patients undergoing surgery for isolated severe tricuspid regurgitation. Heart, 2011, 97, 1319-1325.	2.9	32
128	The prevalence and distribution of coronary artery calcium in asymptomatic Korean population. International Journal of Cardiovascular Imaging, 2012, 28, 1227-1235.	1.5	32
129	Predictors and Prognostic Value of Worsening Renal Function During Admission in HFpEF Versus HFrEF: Data From the KorAHF (Korean Acute Heart Failure) Registry. Journal of the American Heart Association, 2018, 7, .	3.7	32
130	The association of cholesteryl ester transfer protein polymorphism with high-density lipoprotein cholesterol and coronary artery disease in Koreans. Clinical Genetics, 2003, 63, 31-38.	2.0	31
131	Simvastatin enhances endothelial differentiation of peripheral blood mononuclear cells in hypercholesterolemic patients and induces pro-angiogenic cytokine IL-8 secretion from monocytes. Clinica Chimica Acta, 2008, 388, 156-166.	1.1	31
132	Characteristics and Predictors of Drug-Eluting Stent Thrombosis - Results From the Multicenter Korea Stent Thrombosis (KoST)' Registry Circulation Journal, 2011, 75, 1626-1632.	1.6	31
133	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). American Journal of Cardiology, 2014, 113, 511-517.	1.6	31
134	Guideline-directed medical therapy in elderly patients with heart failure with reduced ejection fraction: a cohort study. BMJ Open, 2020, 10, e030514.	1.9	31
135	The Efficacy of Intravenous Contrast-enhanced 16-raw Multidetector CT Colonography for Detecting Patients With Colorectal Polyps in an Asymptomatic Population in Korea. Journal of Clinical Gastroenterology, 2008, 42, 791-798.	2.2	30
136	The essential role of p21 in radiation-induced cell cycle arrest of vascular smooth muscle cell. Journal of Molecular and Cellular Cardiology, 2004, 37, 871-880.	1.9	29
137	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. Journal of the American Society of Echocardiography, 1999, 12, 106-112.	2.8	28
138	Limited performance of quantitative assessment of myocardial function by thallium-201 gated myocardial single-photon emission tomography. European Journal of Nuclear Medicine and Molecular Imaging, 2000, 27, 185-191.	6.4	28
139	The Effect of Door-to-Diuretic Time on Clinical Outcomes in PatientsÂWithÂAcute Heart Failure. JACC: Heart Failure, 2018, 6, 286-294.	4.1	28
140	Retinopathy as an indicator of silent brain infarction in asymptomatic hypertensive subjects. Journal of the Neurological Sciences, 2007, 252, 159-162.	0.6	27
141	G-CSF exerts dual effects on endothelial cells—Opposing actions of direct eNOS induction versus indirect CRP elevation. Journal of Molecular and Cellular Cardiology, 2008, 45, 670-678.	1.9	27
142	Hemodynamic and Prognostic Implications of Net Atrioventricular Compliance in Patients with Mitral Stenosis. Journal of the American Society of Echocardiography, 2008, 21, 482-486.	2.8	27
143	Electrical and mechanical dyssynchrony for prediction of cardiac events in patients with systolic heart failure. Heart, 2010, 96, 1029-1032.	2.9	27
144	Genetic determinants of clopidogrel responsiveness in Koreans treated with drug-eluting stents. International Journal of Cardiology, 2013, 163, 79-86.	1.7	27

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145	Synergistic effect of angiotensin-converting enzyme and angiotensinogen gene on cardiac hypertrophy. International Journal of Cardiology, 2000, 72, 151-161.	1.7	26
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