

Bum-Kee Hong

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103
papers

2,951
citations

27
h-index

52
g-index

111
ext. papers

3,535
ext. citations

4
avg, IF

4.24
L-index

#	Paper	IF	Citations
103	A new strategy for discontinuation of dual antiplatelet therapy: the RESET Trial (REal Safety and Efficacy of 3-month dual antiplatelet Therapy following Endeavor zotarolimus-eluting stent implantation). <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1340-8	15.1	468
102	Potential role of leptin in angiogenesis: leptin induces endothelial cell proliferation and expression of matrix metalloproteinases in vivo and in vitro. <i>Experimental and Molecular Medicine</i> , 2001 , 33, 95-102	12.8	319
101	Effect of Intravascular Ultrasound-Guided vs Angiography-Guided Everolimus-Eluting Stent Implantation: The IVUS-XPL Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 314, 2155-63	27.4	258
100	Distinct genomic integration of MLV and SIV vectors in primate hematopoietic stem and progenitor cells. <i>PLoS Biology</i> , 2004 , 2, e423	9.7	213
99	Effect of Ticagrelor Monotherapy vs Ticagrelor With Aspirin on Major Bleeding and Cardiovascular Events in Patients With Acute Coronary Syndrome: The TICO Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 2407-2416	27.4	151
98	Clinical Impact of Intravascular Ultrasound-Guided Chronic Total Occlusion Intervention With Zotarolimus-Eluting Versus Biolimus-Eluting Stent Implantation: Randomized Study. <i>Circulation: Cardiovascular Interventions</i> , 2015 , 8, e002592	6	146
97	Upstream regulation of matrix metalloproteinase by EMMPRIN; extracellular matrix metalloproteinase inducer in advanced atherosclerotic plaque. <i>Atherosclerosis</i> , 2005 , 180, 37-44	3.1	66
96	Effect of Intravascular Ultrasound-Guided Drug-Eluting Stent Implantation: 5-Year Follow-Up of the IVUS-XPL Randomized Trial. <i>JACC: Cardiovascular Interventions</i> , 2020 , 13, 62-71	5	61
95	Evaluation of short-term safety and efficacy of HMG-CoA reductase inhibitors in hypercholesterolemic patients with elevated serum alanine transaminase concentrations: PITCH study (PITavastatin versus atorvastatin to evaluate the effect on patients with hypercholesterolemia and elevated serum alanine transaminase). <i>Journal of Clinical Lipidology</i> , 2012 , 6, 340-51	4.9	53
94	Expression of leptin receptor (Ob-R) in human atherosclerotic lesions: potential role in intimal neovascularization. <i>Yonsei Medical Journal</i> , 2000 , 41, 68-75	3	51
93	Local increase in microparticles from the aspirate of culprit coronary arteries in patients with ST-segment elevation myocardial infarction. <i>Atherosclerosis</i> , 2013 , 227, 323-8	3.1	50
92	Everolimus-eluting Xience v/Promus versus zotarolimus-eluting resolute stents in patients with diabetes mellitus. <i>JACC: Cardiovascular Interventions</i> , 2014 , 7, 471-81	5	48
91	Sustained high-level polyclonal hematopoietic marking and transgene expression 4 years after autologous transplantation of rhesus macaques with SIV lentiviral vector-transduced CD34+ cells. <i>Blood</i> , 2009 , 113, 5434-43	2.2	43
90	Coexpression of cyclooxygenase-2 and matrix metalloproteinases in human aortic atherosclerotic lesions. <i>Yonsei Medical Journal</i> , 2000 , 41, 82-8	3	43
89	Usefulness of brachial-ankle pulse wave velocity as a predictive marker of multiple coronary artery occlusive disease in Korean type 2 diabetes patients. <i>Diabetes Research and Clinical Practice</i> , 2009 , 85, 30-4	7.4	34
88	Lipoprotein(a) and LDL particle size are related to the severity of coronary artery disease. <i>Cardiology</i> , 2007 , 108, 282-9	1.6	34
87	Impact of metabolic syndrome and its individual components on the presence and severity of angiographic coronary artery disease. <i>Yonsei Medical Journal</i> , 2010 , 51, 676-82	3	32

86	Pathobiological role of advanced glycation endproducts via mitogen-activated protein kinase dependent pathway in the diabetic vasculopathy. <i>Experimental and Molecular Medicine</i> , 2008 , 40, 398-406	12.8	32
85	Surgical outcomes and risk factors for postoperative complications in patients with Behcet's disease. <i>Clinical Rheumatology</i> , 2007 , 26, 1475-80	3.9	31
84	Left atrial strain assessed by speckle tracking imaging is related to new-onset atrial fibrillation after coronary artery bypass grafting. <i>Canadian Journal of Cardiology</i> , 2013 , 29, 377-83	3.8	29
83	Incidence and natural history of coronary artery aneurysm developing after drug-eluting stent implantation. <i>American Heart Journal</i> , 2010 , 160, 987-94	4.9	29
82	Significance of small dense low-density lipoprotein as a risk factor for coronary artery disease and acute coronary syndrome. <i>Yonsei Medical Journal</i> , 2006 , 47, 405-14	3	29
81	Quantitative T2 mapping for detecting myocardial edema after reperfusion of myocardial infarction: validation and comparison with T2-weighted images. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29 Suppl 1, 65-72	2.5	27
80	Diverse left ventricular morphology and predictors of short-term outcome in patients with stress-induced cardiomyopathy. <i>International Journal of Cardiology</i> , 2013 , 168, 331-7	3.2	27
79	Potential role of HMG CoA reductase inhibitor on oxidative stress induced by advanced glycation endproducts in vascular smooth muscle cells of diabetic vasculopathy. <i>Experimental and Molecular Medicine</i> , 2009 , 41, 802-11	12.8	27
78	Safety of six-month dual antiplatelet therapy after second-generation drug-eluting stent implantation: OPTIMA-C Randomised Clinical Trial and OCT Substudy. <i>EuroIntervention</i> , 2018 , 13, 1923-1930	3.1	27
77	Acute myocardial infarction in the young adults. <i>Yonsei Medical Journal</i> , 1994 , 35, 184-9	3	25
76	SURvey of Guideline Adherence for Treatment of Systolic Heart Failure in Real World (SUGAR): a multi-center, retrospective, observational study. <i>PLoS ONE</i> , 2014 , 9, e86596	3.7	24
75	Long-term clinical outcomes and stent thrombosis of sirolimus-eluting versus bare metal stents in patients with end-stage renal disease: results of Korean multicenter angioplasty team (KOMATE) Registry. <i>Journal of Interventional Cardiology</i> , 2009 , 22, 411-9	1.8	22
74	Expression of osteopontin in calcified coronary atherosclerotic plaques. <i>Journal of Korean Medical Science</i> , 2000 , 15, 485-93	4.7	22
73	Serum levels of advanced glycation end products are associated with in-stent restenosis in diabetic patients. <i>Yonsei Medical Journal</i> , 2005 , 46, 78-85	3	21
72	Comparison of sirolimus-eluting stent and paclitaxel-eluting stent for long-term cardiac adverse events in diabetic patients: the Korean Multicenter Angioplasty Team (KOMATE) Registry. <i>Catheterization and Cardiovascular Interventions</i> , 2008 , 72, 601-7	2.7	20
71	Usefulness of metabolic syndrome score in the prediction of angiographic coronary artery disease severity according to the presence of diabetes mellitus: relation with inflammatory markers and adipokines. <i>Cardiovascular Diabetology</i> , 2013 , 12, 140	8.7	18
70	Additive beneficial effects of valsartan combined with rosuvastatin in the treatment of hypercholesterolemic hypertensive patients. <i>Korean Circulation Journal</i> , 2015 , 45, 225-33	2.2	18
69	Acute myocardial infarction caused by coronary artery dissection following blunt chest trauma. <i>Yonsei Medical Journal</i> , 2003 , 44, 736-9	3	18

68	Correction with blood T1 is essential when measuring post-contrast myocardial T1 value in patients with acute myocardial infarction. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2013 , 15, 11	6.9	16
67	Prognostic significance of elevated lipoprotein(a) in coronary artery revascularization patients. <i>International Journal of Cardiology</i> , 2013 , 167, 1990-4	3.2	16
66	Left atrial function assessed by Doppler echocardiography rather than left atrial volume predicts recurrence in patients with paroxysmal atrial fibrillation. <i>Clinical Cardiology</i> , 2013 , 36, 235-40	3.3	14
65	Significant association of coronary stent fracture with in-stent restenosis in sirolimus-eluting stents. <i>Coronary Artery Disease</i> , 2009 , 20, 59-63	1.4	14
64	Comparison of the efficacy and safety of fixed-dose amlodipine/losartan and losartan in hypertensive patients inadequately controlled with losartan: a randomized, double-blind, multicenter study. <i>American Journal of Cardiovascular Drugs</i> , 2012 , 12, 189-95	4	13
63	Hemodynamic effects on atherosclerosis-prone coronary artery: wall shear stress/rate distribution and impedance phase angle in coronary and aortic circulation. <i>Yonsei Medical Journal</i> , 2001 , 42, 375-83	3	13
62	Electrocardiography based prediction of hypertrophy pattern and fibrosis amount in hypertrophic cardiomyopathy: comparative study with cardiac magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , 2018 , 34, 1619-1628	2.5	12
61	Protein kinase C activation stimulates mesenchymal stem cell adhesion through activation of focal adhesion kinase. <i>Cell Transplantation</i> , 2013 , 22, 797-809	4	11
60	Different contribution of extent of myocardial injury to left ventricular systolic and diastolic function in early reperfused acute myocardial infarction. <i>Cardiovascular Ultrasound</i> , 2014 , 12, 6	2.4	10
59	Lipoprotein-associated phospholipase A ₂ s related to plaque stability and is a potential biomarker for acute coronary syndrome. <i>Yonsei Medical Journal</i> , 2014 , 55, 1507-15	3	10
58	Home blood pressure is the predictor of subclinical target organ damage like ambulatory blood pressure monitoring in untreated hypertensive patients. <i>Anatolian Journal of Cardiology</i> , 2014 , 14, 711-8		10
57	Carotid Artery End-Diastolic Velocity and Future Cerebro-Cardiovascular Events in Asymptomatic High Risk Patients. <i>Korean Circulation Journal</i> , 2016 , 46, 72-8	2.2	10
56	Efficacy and Safety of Ezetimibe and Rosuvastatin Combination Therapy Versus Those of Rosuvastatin Monotherapy in Patients With Primary Hypercholesterolemia. <i>Clinical Therapeutics</i> , 2018 , 40, 993-1013	3.5	10
55	Effects of increasing particle size of low-density lipoprotein on restenosis after coronary stent implantation. <i>Circulation Journal</i> , 2008 , 72, 1059-64	2.9	9
54	Diagnostic accuracy of low-radiation coronary computed tomography angiography with low tube voltage and knowledge-based model reconstruction. <i>Scientific Reports</i> , 2019 , 9, 1308	4.9	9
53	Prasugrel versus clopidogrel in Asian patients with acute coronary syndromes: design and rationale of a multi-dose, pharmacodynamic, phase 3 clinical trial. <i>Current Medical Research and Opinion</i> , 2010 , 26, 2077-85	2.5	8
52	Synephrine-containing dietary supplement precipitating apical ballooning syndrome in a young female. <i>Korean Journal of Internal Medicine</i> , 2013 , 28, 356-60	2.5	8
51	Elevated Lipoprotein(a) has Incremental Prognostic Value in Type 2 Diabetic Patients with Symptomatic Coronary Artery Disease. <i>Journal of Atherosclerosis and Thrombosis</i> , 2015 , 22, 527-34	4	7

50	Five-year outcomes of sirolimus-eluting versus paclitaxel-eluting stents: a propensity matched study: clinical evidence of late catch-up?. <i>International Journal of Cardiology</i> , 2011 , 152, 302-6	3.2	7
49	Circulating Microparticles and Coronary Plaque Components Assessed by Virtual Histology Intravascular Ultrasound of the Target Lesion in Patients with Stable Angina. <i>PLoS ONE</i> , 2016 , 11, e0148128	3.7	7
48	Diverse geometric changes related to dynamic left ventricular outflow tract obstruction without overt hypertrophic cardiomyopathy. <i>Cardiovascular Ultrasound</i> , 2014 , 12, 23	2.4	6
47	A case of noncompaction of the ventricular myocardium combined with situs ambiguous with polysplenia. <i>Yonsei Medical Journal</i> , 2007 , 48, 1052-5	3	6
46	Delayed Stent Fracture after Successful Sirolimus-Eluting Stent(Cypher [®]) Implantation. <i>Korean Circulation Journal</i> , 2006 , 36, 443	2.2	6
45	Coronary Artery Aneurysm after Second-Generation Drug-Eluting Stent Implantation. <i>Yonsei Medical Journal</i> , 2019 , 60, 824-831	3	6
44	Left Ventricular Filling Pressure as Assessed by the E/e ^r Ratio Is a Determinant of Atrial Fibrillation Recurrence after Cardioversion. <i>Yonsei Medical Journal</i> , 2016 , 57, 64-71	3	6
43	Ticagrelor Monotherapy Versus Ticagrelor With Aspirin in Patients With ST-Segment Elevation Myocardial Infarction. <i>JACC: Cardiovascular Interventions</i> , 2021 , 14, 431-440	5	6
42	Comparison of Fixed-dose Combinations of Amlodipine/Losartan Potassium/Chlorthalidone and Amlodipine/Losartan Potassium in Patients With Stage 2 Hypertension Inadequately Controlled With Amlodipine/Losartan Potassium: A Randomized, Double-blind, Multicenter, Phase III Study. <i>Clinical Therapeutics</i> , 2017 , 39, 2049-2060	3.5	5
41	Differential contributions of sarcomere and mitochondria-related multigene variants to the endophenotype of hypertrophic cardiomyopathy. <i>Mitochondrion</i> , 2020 , 53, 48-56	4.9	5
40	Genetic relevance and determinants of mitral leaflet size in hypertrophic cardiomyopathy. <i>Cardiovascular Ultrasound</i> , 2019 , 17, 21	2.4	5
39	Efficacy of clotinab in acute myocardial infarction trial-ST elevation myocardial infarction (ECLAT-STEMI). <i>Circulation Journal</i> , 2012 , 76, 405-13	2.9	5
38	Phase IV, 8-week, multicenter, randomized, active treatment-controlled, parallel group, efficacy, and tolerability study of high-dose candesartan cilexetil combined with hydrochlorothiazide in Korean adults with stage II hypertension. <i>Clinical Therapeutics</i> , 2011 , 33, 1043-56	3.5	5
37	A case of acute ventricular capture threshold rise associated with flecainide acetate. <i>Yonsei Medical Journal</i> , 2006 , 47, 152-4	3	5
36	Age-related contribution of Lp(a) with coronary artery calcification in patients with acute coronary syndrome: a potential role of metabolic disorder in calcified plaque. <i>Yonsei Medical Journal</i> , 2003 , 44, 445-53	3	5
35	The Current Status of Intervention for Intermediate Coronary Stenosis in the Korean Percutaneous Coronary Intervention (K-PCI) Registry. <i>Korean Circulation Journal</i> , 2019 , 49, 1022-1032	2.2	5
34	Safety and Efficacy of a New Ultrathin Sirolimus-Eluting Stent with Abluminal Biodegradable Polymer in Real-World Practice. <i>Korean Circulation Journal</i> , 2020 , 50, 317-327	2.2	5
33	Efficacy and Safety of a Fixed-Dose Combination of Candesartan and Rosuvastatin on Blood Pressure and Cholesterol in Patients With Hypertension and Hypercholesterolemia: A Multicenter, Randomized, Double-Blind, Parallel Phase III Clinical Study. <i>Clinical Therapeutics</i> , 2019 , 41, 1508-1521	3.5	4

32	Arterial stiffness, sex, and age difference on hypertensive response to supine bicycle exercise. <i>Journal of Clinical Hypertension</i> , 2017 , 19, 1260-1268	2.3	4
31	Spontaneous sinus conversion of permanent atrial fibrillation during treatment of hyperkalemia. <i>Korean Circulation Journal</i> , 2012 , 42, 65-8	2.2	4
30	Effect of abciximab on the levels of circulating microparticles in patients with acute myocardial infarction treated by primary angioplasty. <i>Korean Circulation Journal</i> , 2013 , 43, 600-6	2.2	4
29	Predictors of stent fracture in patients treated with closed-cell design stents: sirolimus-eluting stent and its bare-metal counterpart, the BX velocity stent. <i>Coronary Artery Disease</i> , 2011 , 22, 40-4	1.4	4
28	Ultrastructural changes of the external elastic lamina in experimental hypercholesterolemic porcine coronary arteries. <i>Yonsei Medical Journal</i> , 1999 , 40, 273-82	3	4
27	Prognostic Value of Elevated Homocysteine Levels in Korean Patients with Coronary Artery Disease: A Propensity Score Matched Analysis. <i>Korean Circulation Journal</i> , 2016 , 46, 154-60	2.2	4
26	Comparative effect on platelet function of a fixed-dose aspirin and clopidogrel combination versus separate formulations in patients with coronary artery disease: A phase IV, multicenter, prospective, 4-week non-inferiority trial. <i>International Journal of Cardiology</i> , 2016 , 202, 331-5	3.2	3
25	Echo-Doppler-derived indexes of ventricular stiffness and ventriculo-arterial interaction as predictors of new-onset atrial fibrillation in patients with heart failure. <i>Cardiovascular Ultrasound</i> , 2016 , 14, 7	2.4	3
24	Multidetector computed tomography for the evaluation of coronary artery disease; the diagnostic accuracy in calcified coronary arteries, comparing with IVUS imaging. <i>Yonsei Medical Journal</i> , 2014 , 55, 599-605	3	3
23	Apolipoprotein E polymorphism in non-diabetic patients with acute coronary syndrome. <i>Yonsei Medical Journal</i> , 1999 , 40, 377-82	3	3
22	Coronary calcification is associated with elevated serum lipoprotein (a) levels in asymptomatic men over the age of 45 years: A cross-sectional study of the Korean national health checkup data. <i>Medicine (United States)</i> , 2021 , 100, e24962	1.8	3
21	Effect of sarcomere and mitochondria-related mutations on myocardial fibrosis in patients with hypertrophic cardiomyopathy. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 18	6.9	3
20	Associates and Prognosis of Giant Left Atrium; Single Center Experience. <i>Journal of Cardiovascular Imaging</i> , 2017 , 25, 84-90	0	2
19	Neointimal response to second-generation drug-eluting stents in diabetic patients with de-novo coronary lesions: intravascular ultrasound study. <i>Coronary Artery Disease</i> , 2015 , 26, 212-9	1.4	2
18	Outcomes and Associated Factors of Discrepant Coronary and Carotid Atherosclerosis. <i>International Heart Journal</i> , 2020 , 61, 1142-1149	1.8	2
17	Safety and Efficacy of Pitavastatin in Patients With Impaired Fasting Glucose and Hyperlipidemia: A Randomized, Open-labeled, Multicentered, Phase IV Study. <i>Clinical Therapeutics</i> , 2020 , 42, 2036-2048	3.5	2
16	Burden of premature ventricular contractions beyond nonsustained ventricular tachycardia is related to the myocardial extracellular space expansion in patients with hypertrophic-cardiomyopathy. <i>Clinical Cardiology</i> , 2020 , 43, 1317-1325	3.3	2
15	Contribution of sarcomere gene mutations to left atrial function in patients with hypertrophic cardiomyopathy. <i>Cardiovascular Ultrasound</i> , 2021 , 19, 4	2.4	2

14	Quantitative T2 mapping after reperfusion therapy in patients with acute myocardial infarction: A comparison with late gadolinium enhancement and cine MR imaging. <i>Magnetic Resonance Imaging</i> , 2015 , 33, 1246-1252	3.3	1
13	Efficacy and Safety of DP-R202 in Patients with Chronic Artery Occlusive Disease: Multicenter Randomized Double-blind Active-controlled Parallel Group Phase III Clinical Study. <i>Clinical Therapeutics</i> , 2016 , 38, 557-73	3.5	1
12	Left ventricular hypercontractility immediately after tilting triggers a dysregulated cardioinhibitory reaction in vasovagal syncope: echocardiographic evaluation during the head-up tilt test. <i>Cardiology</i> , 2010 , 117, 118-23	1.6	1
11	Frequent Premature Atrial Contractions as a Poor Prognostic Factor in Cryptogenic Stroke Patients with Concomitant Non-Sustained Atrial Tachycardia. <i>Yonsei Medical Journal</i> , 2020 , 61, 965-969	3	0
10	Real-world evidence on the strategy of olmesartan-based triple single-pill combination in Korean hypertensive patients: a prospective, multicenter, observational study (RESOLVE-PRO). <i>Clinical Hypertension</i> , 2021 , 27, 21	4.8	0
9	Three-Dimensional Echocardiographic Evaluation of Mitral Apparatus during Preload Manipulation in Patients with Hypertrophic Cardiomyopathy. <i>Echocardiography</i> , 2015 , 32, 1261-9	1.5	
8	Cardiovascular safety of celecoxib on top of dual antiplatelet therapy. <i>Korean Circulation Journal</i> , 2010 , 40, 306-7	2.2	
7	Effect of Angiotensin II on Gene Expression of cGMP-Specific Phosphodiesterases. <i>Sunhwan@ji</i> , 2003 , 33, 130		
6	The Effects of Plasma Fibrinogen and beta Fibrinogen Gene Polymorphisms on the Development of Coronary Artery Disease. <i>Sunhwan@ji</i> , 2000 , 30, 947		
5	Immediate Results of AVE GFX [®] Stent. <i>Sunhwan@ji</i> , 1998 , 28, 568		
4	Impact of aortic atheroma and distensibility on diastolic function and prognosis in patients with ischemic stroke.. <i>Reviews in Cardiovascular Medicine</i> , 2022 , 23, 10	3.9	
3	Comparison of risk profiles for new-onset atrial fibrillation between patients aged . <i>PLoS ONE</i> , 2021 , 16, e0258770	3.7	
2	Effect of Adiponectin and Resistin on Coronary Plaque Composition and Coronary Artery Remodeling of Target Lesion in Patients with Stable Angina. <i>Journal of Lipid and Atherosclerosis</i> , 2012 , 1, 69	3	
1	Effect of Renal and Left Ventricular Function on Serial Pulmonary Arterial Pressure Changes after Device Closure of Atrial Septal Defect. <i>Journal of Interventional Cardiology</i> , 2021 , 2021, 8846656	1.8	