

Dong Hyun Yang

List of Publications by Year in descending order

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Version: 2024-02-01

165
papers

3,496
citations

172207

29
h-index

174990

52
g-index

170
all docs

170
docs citations

170
times ranked

4683
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term Surgical Outcomes of Supravalvar Aortic Stenosis: Modified Simple Sliding Aortoplasty. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2023, 35, 359-366.	0.4	1
2	A deep learning-based automatic analysis of cardiovascular borders on chest radiographs of valvular heart disease: development/external validation. <i>European Radiology</i> , 2022, 32, 1558-1569.	2.3	8
3	Large primary cardiac tumor penetrating the right ventricle: 3-dimensional printing-based surgical planning. <i>JTCVS Techniques</i> , 2022, 11, 37-40.	0.2	0
4	Electronic Medical Record-Based Machine Learning Approach to Predict the Risk of 30-Day Adverse Cardiac Events After Invasive Coronary Treatment: Machine Learning Model Development and Validation. <i>JMIR Medical Informatics</i> , 2022, 10, e26801.	1.3	2
5	Beyond Coronary CT Angiography: CT Fractional Flow Reserve and Perfusion. <i>Journal of the Korean Society of Radiology</i> , 2022, 83, 3.	0.1	1
6	Development of an automatic modeling method for patient-specific aortic graft reconstruction guide in thoracoabdominal aortic repair. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 215, 106647.	2.6	1
7	Semi-Quantitative Scoring of Late Gadolinium Enhancement of the Left Ventricle in Patients with Ischemic Cardiomyopathy: Improving Interobserver Reliability and Agreement Using Consensus Guidance from the Asian Society of Cardiovascular Imaging-Practical Tutorial (ASCI-PT) 2020. <i>Korean Journal of Radiology</i> , 2022, 23, 298.	1.5	2
8	The Usefulness of Computed Tomography in Predicting Left Ventricular Outflow Tract Obstruction After Neonatal Arch Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, , .	0.4	1
9	Edoxaban Versus Dual Antiplatelet Therapy for Leaflet Thrombosis and Cerebral Thromboembolism After TAVR: The ADAPT-TAVR Randomized Clinical Trial. <i>Circulation</i> , 2022, 146, 466-479.	1.6	37
10	Classification of severe aortic stenosis and outcomes after aortic valve replacement. <i>Scientific Reports</i> , 2022, 12, 7506.	1.6	3
11	Rationale and design of the ADAPT-TAVR trial: a randomised comparison of edoxaban and dual antiplatelet therapy for prevention of leaflet thrombosis and cerebral embolisation after transcatheter aortic valve replacement. <i>BMJ Open</i> , 2021, 11, e042587.	0.8	9
12	Prognostic Implication of Right Ventricle Parameters Measured on Preoperative Cardiac MRI in Patients with Functional Tricuspid Regurgitation. <i>Korean Journal of Radiology</i> , 2021, 22, 1253.	1.5	5
13	Application of Artificial Intelligence to Cardiovascular Computed Tomography. <i>Korean Journal of Radiology</i> , 2021, 22, 1597.	1.5	7
14	CardioNet: a manually curated database for artificial intelligence-based research on cardiovascular diseases. <i>BMC Medical Informatics and Decision Making</i> , 2021, 21, 29.	1.5	18
15	Fluid-dynamic effect of pannus formation around the prosthetic heart valve: in vitro demonstration using a heart-mimic pulsatile pump and particle image velocimetry. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 209-220.	0.7	0
16	Impact of coronary calcium score and lesion characteristics on the diagnostic performance of machine-learning-based computed tomography-derived fractional flow reserve. <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, 998-1006.	0.5	12
17	Pre-sewn Multi-branched Aortic Graft and 3D-Printing Guidance for Crawford Extent II or III Thoracoabdominal Aortic Aneurysm Repair. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2021, , .	0.4	7
18	Incremental Value of 3D Printing in the Preoperative Planning of Complex Congenital Heart Disease Surgery. <i>JACC: Cardiovascular Imaging</i> , 2021, 14, 1265-1270.	2.3	11

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19	Influence of coronary stenosis location on diagnostic performance of machine learning-based fractional flow reserve from CT angiography. <i>Journal of Cardiovascular Computed Tomography</i> , 2021, 15, 492-498.	0.7	5
20	Cholesterol Control for Subclinical Coronary Atherosclerosis in Subjects Without Indication for Statin Therapy. <i>American Journal of Cardiology</i> , 2021, 153, 51-57.	0.7	3
21	Comparison of Four-Dimensional Flow Magnetic Resonance Imaging and Particle Image Velocimetry to Quantify Velocity and Turbulence Parameters. <i>Fluids</i> , 2021, 6, 277.	0.8	4
22	Utilizing patient-specific 3D printed guides for graft reconstruction in thoracoabdominal aortic repair. <i>Scientific Reports</i> , 2021, 11, 18027.	1.6	3
23	CycleGAN denoising of extreme low-dose cardiac CT using wavelet-assisted noise disentanglement. <i>Medical Image Analysis</i> , 2021, 74, 102209.	7.0	34
24	Late Gadolinium Enhancement of Left Ventricular Papillary Muscles in Patients with Mitral Regurgitation. <i>Korean Journal of Radiology</i> , 2021, 22, 1609.	1.5	5
25	Semi-Quantitative Scoring of Late Gadolinium Enhancement of the Left Ventricle in Patients with Ischemic Cardiomyopathy: Consensus Statement from the Asian Society of Cardiovascular Imaging-Practical Tutorial (ASCI-PT) 2020. <i>Cardiovascular Imaging Asia</i> , 2021, 5, 26.	0.1	1
26	Novel Resectable Myocardial Model Using Hybrid Three-Dimensional Printing and Silicone Molding for Mock Myectomy for Apical Hypertrophic Cardiomyopathy. <i>Korean Journal of Radiology</i> , 2021, 22, 1054.	1.5	5
27	Fully Automatic Coronary Calcium Score Software Empowered by Artificial Intelligence Technology: Validation Study Using Three CT Cohorts. <i>Korean Journal of Radiology</i> , 2021, 22, 1764.	1.5	30
28	Tricuspid Valve Imaging and Right Ventricular Function Analysis Using Cardiac CT and MRI. <i>Korean Journal of Radiology</i> , 2021, 22, 1946.	1.5	4
29	Aortic annulus sizing in bicuspid and tricuspid aortic valves using CT in patients with surgical aortic valve replacement. <i>Scientific Reports</i> , 2021, 11, 21005.	1.6	3
30	Triglyceride Glucose-Waist Circumference Better Predicts Coronary Calcium Progression Compared with Other Indices of Insulin Resistance: A Longitudinal Observational Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 92.	1.0	30
31	Cardiac Behçet's Disease Presenting with Right Ventricular Endomyocardial Fibrosis and Intracardiac Thrombosis: a Case Report. <i>Investigative Magnetic Resonance Imaging</i> , 2021, 25, 332.	0.2	0
32	In-vitro and In-Vivo Assessment of 4D Flow MRI Reynolds Stress Mapping for Pulsatile Blood Flow. <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 774954.	2.0	4
33	Influence of Coronary Calcium on Diagnostic Performance of Machine Learning CT-FFR. <i>JACC: Cardiovascular Imaging</i> , 2020, 13, 760-770.	2.3	73
34	Three-dimensional Computed Tomographic Analysis of Normal and Aneurysmal Aortic Roots: Is There a Specific Geometric Pattern in the Aortic Root?. <i>Clinical Anatomy</i> , 2020, 33, 117-123.	1.5	4
35	Computed Tomography Features of Cuspal Thrombosis and Subvalvular Tissue Ingrowth after Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2020, 125, 597-606.	0.7	19
36	Determinants of effective orifice area in aortic valve replacement: anatomic and clinical factors. <i>Journal of Thoracic Disease</i> , 2020, 12, 1942-1951.	0.6	9

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37	A zero-dimensional predictive model for the pressure drop in the stenotic coronary artery based on its geometric characteristics. <i>Journal of Biomechanics</i> , 2020, 113, 110076.	0.9	7
38	Association of gamma-glutamyl transferase with subclinical coronary atherosclerosis and cardiac outcomes in non-alcoholics. <i>Scientific Reports</i> , 2020, 10, 17994.	1.6	5
39	Association between serum phosphorus and subclinical coronary atherosclerosis in asymptomatic Korean individuals without kidney dysfunction. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 66-73.	2.2	9
40	Myocardial territory segmentation on coronary computed tomography angiography images: Comparison between projection and non-projection methods in a pig model. <i>Informatics in Medicine Unlocked</i> , 2020, 19, 100320.	1.9	1
41	Effects of pannus formation on the flow around a bileaflet mechanical heart valve. <i>PLoS ONE</i> , 2020, 15, e0234341.	1.1	4
42	In vitro experiments on ICOSA6 4D flow MRI measurement for the quantification of velocity and turbulence parameters. <i>Magnetic Resonance Imaging</i> , 2020, 72, 49-60.	1.0	8
43	Triglyceride glucose index is a useful marker for predicting subclinical coronary artery disease in the absence of traditional risk factors. <i>Lipids in Health and Disease</i> , 2020, 19, 7.	1.2	69
44	Homocysteine is not a risk factor for subclinical coronary atherosclerosis in asymptomatic individuals. <i>PLoS ONE</i> , 2020, 15, e0231428.	1.1	4
45	Automated Segmentation of Left Ventricular Myocardium on Cardiac Computed Tomography Using Deep Learning. <i>Korean Journal of Radiology</i> , 2020, 21, 660.	1.5	17
46	Sinus of Valsalva Thrombosis Detected on Computed Tomography after Transcatheter Aortic Valve Replacement. <i>Korean Circulation Journal</i> , 2020, 50, 572.	0.7	7
47	Comparison of Clinical, Angiographic Features and Outcome in Takayasu's Arteritis and Behçet's Disease With Arterial Involvement. <i>Journal of Rheumatic Diseases</i> , 2020, 27, 100.	0.4	4
48	Impact of Diabetes Control on Subclinical Atherosclerosis: Analysis from Coronary Computed Tomographic Angiography Registry. <i>Diabetes and Metabolism Journal</i> , 2020, 44, 470.	1.8	8
49	CT Imaging for Mitral Valve Surgery and Intervention. <i>Journal of the Korean Society of Radiology</i> , 2020, 81, 290.	0.1	0
50	Challenge for Diagnostic Assessment of Deep Learning Algorithm for Metastases Classification in Sentinel Lymph Nodes on Frozen Tissue Section Digital Slides in Women with Breast Cancer. <i>Cancer Research and Treatment</i> , 2020, 52, 1103-1111.	1.3	4
51	Guidelines for Cardiovascular Magnetic Resonance Imaging from the Korean Society of Cardiovascular Imaging (KOSCI) - Part 3: Perfusion, Delayed Enhancement, and T1- and T2 Mapping. <i>Investigative Magnetic Resonance Imaging</i> , 2020, 24, 1.	0.2	0
52	Guidelines for Cardiovascular Magnetic Resonance Imaging from the Korean Society of Cardiovascular Imaging - Part 3: Perfusion, Delayed Enhancement, and T1- and T2 Mapping. <i>Cardiovascular Imaging Asia</i> , 2020, 4, 4.	0.1	0
53	Extent of Subprosthetic Pannus after Aortic Valve Replacement: Changes Over Time and Relationship with Echocardiographic Findings. <i>Journal of the Korean Society of Radiology</i> , 2020, 81, 1151.	0.1	0
54	Preoperative Cardiac Computed Tomography Characteristics Associated with Recurrent Aortic Regurgitation after Aortic Valve Re-Implantation. <i>Korean Journal of Radiology</i> , 2020, 21, 181.	1.5	1

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55	Title is missing!. , 2020, 15, e0231428.		0
56	Title is missing!. , 2020, 15, e0231428.		0
57	Title is missing!. , 2020, 15, e0231428.		0
58	Title is missing!. , 2020, 15, e0231428.		0
59	Serum uric acid level and subclinical coronary atherosclerosis in asymptomatic individuals: An observational cohort study. <i>Atherosclerosis</i> , 2019, 288, 112-117.	0.4	16
60	High HDL-C levels reduce the risk of obstructive coronary artery disease in asymptomatic diabetics who achieved optimal glycemic control. <i>Scientific Reports</i> , 2019, 9, 15306.	1.6	4
61	Gender differences in the diagnostic performance of machine learning coronary CT angiography-derived fractional flow reserve -results from the MACHINE registry. <i>European Journal of Radiology</i> , 2019, 119, 108657.	1.2	19
62	Association between insulin resistance, hyperglycemia, and coronary artery disease according to the presence of diabetes. <i>Scientific Reports</i> , 2019, 9, 6129.	1.6	65
63	A Review of Three-Dimensional Printing Technology for Medical Applications. <i>Journal of the Korean Society of Radiology</i> , 2019, 80, 213.	0.1	3
64	Effect of Tube Voltage on Diagnostic Performance of Fractional Flow Reserve Derived From Coronary CT Angiography With Machine Learning: Results From the MACHINE Registry. <i>American Journal of Roentgenology</i> , 2019, 213, 325-331.	1.0	8
65	Independent role of low-density lipoprotein cholesterol in subclinical coronary atherosclerosis in the absence of traditional cardiovascular risk factors. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 866-872.	0.5	22
66	Reference parameters for left ventricular wall thickness, thickening, and motion in stress myocardial perfusion CT: Global and regional assessment. <i>Clinical Imaging</i> , 2019, 56, 81-87.	0.8	8
67	Ischemic burden assessment of myocardial perfusion CT, compared with SPECT using semi-quantitative and quantitative approaches. <i>International Journal of Cardiology</i> , 2019, 278, 287-294.	0.8	4
68	Cycle-consistent adversarial denoising network for multiphase coronary CT angiography. <i>Medical Physics</i> , 2019, 46, 550-562.	1.6	157
69	Accuracy evaluation of blood flow distribution in the Fontan circulation: effects of resolution and velocity noise. <i>Journal of Visualization</i> , 2019, 22, 245-257.	1.1	3
70	Cardiac computed tomography for the localization of mitral valve prolapse: scallop-by-scallop comparisons with echocardiography and intraoperative findings. <i>European Heart Journal Cardiovascular Imaging</i> , 2019, 20, 550-557.	0.5	9
71	Impact of Subtended Myocardial Mass Assessed by Coronary Computed Tomographic Angiography-Based Myocardial Segmentation. <i>American Journal of Cardiology</i> , 2019, 123, 757-763.	0.7	12
72	Comparison of the Diagnostic Performance of Coronary Computed Tomography Angiography-Derived Fractional Flow Reserve in Patients With Versus Without Diabetes Mellitus (from the MACHINE) <i>Tj ETQq0 0 0 rgBT (Overlock 10 Tf 50 5</i>		

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73	3D-Printing-Based Open Repair of Extensive Thoracoabdominal Aorta in Severe Scoliosis. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 61-63.	0.4	12
74	Incremental Value of Subtended Myocardial Mass for Identifying FFR-Verified Ischemia Using Quantitative-CT Angiography. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 707-717.	2.3	26
75	Guideline for Cardiovascular Magnetic Resonance Imaging from the Korean Society of Cardiovascular Imaging—Part 1: Standardized Protocol. <i>Korean Journal of Radiology</i> , 2019, 20, 1313.	1.5	30
76	Guidelines for Cardiovascular Magnetic Resonance Imaging from the Korean Society of Cardiovascular Imaging—Part 3: Perfusion, Delayed Enhancement, and T1- and T2 Mapping. <i>Korean Journal of Radiology</i> , 2019, 20, 1562.	1.5	13
77	Guidelines for Cardiovascular Magnetic Resonance Imaging from the Korean Society of Cardiovascular Imaging—Part 2: Interpretation of Cine, Flow, and Angiography Data. <i>Korean Journal of Radiology</i> , 2019, 20, 1477.	1.5	16
78	Geometric predictors of left ventricular outflow tract obstruction in patients with hypertrophic cardiomyopathy: a 3D computed tomography analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1149-1156.	0.5	14
79	Impact of pannus formation on hemodynamic dysfunction of prosthetic aortic valve: pannus extent and its relationship to prosthetic valve motion and degree of stenosis. <i>Clinical Research in Cardiology</i> , 2018, 107, 554-564.	1.5	11
80	Comparative effectiveness of coronary screening in heart valve surgery: Computed tomography versus conventional coronary angiography. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 1423-1431.e3.	0.4	5
81	Association between non-alcoholic fatty liver disease and subclinical coronary atherosclerosis: An observational cohort study. <i>Journal of Hepatology</i> , 2018, 68, 1018-1024.	1.8	109
82	Impact of coronary lumen reconstruction on the estimation of endothelial shear stress: in vivo comparison of three-dimensional quantitative coronary angiography and three-dimensional fusion combining optical coherent tomography. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1134-1141.	0.5	9
83	Paravalvular leakage in patients with prosthetic heart valves: cardiac computed tomography findings and clinical features. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1419-1427.	0.5	17
84	Functional classification of aortic regurgitation using cardiac computed tomography: comparison with surgical inspection. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 1295-1303.	0.7	12
85	Demonstration of infective endocarditis by cardiac CT and transoesophageal echocardiography: comparison with intra-operative findings. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 199-207.	0.5	55
86	Coronary CT angiography characteristics of OCT-defined thin-cap fibroatheroma: a section-to-section comparison study. <i>European Radiology</i> , 2018, 28, 833-843.	2.3	27
87	Postoperative Chylothorax: the Use of Dynamic Magnetic Resonance Lymphangiography and Thoracic Duct Embolization. <i>Investigative Magnetic Resonance Imaging</i> , 2018, 22, 182.	0.2	3
88	Machine learning assessment of myocardial ischemia using angiography: Development and retrospective validation. <i>PLoS Medicine</i> , 2018, 15, e1002693.	3.9	34
89	Modified Bicaval Technique in Orthotopic Heart Transplantation—Comparison With Conventional Bicaval Technique. <i>Circulation Journal</i> , 2018, 83, 117-121.	0.7	5
90	Effect of pannus formation on the prosthetic heart valve: In vitro demonstration using particle image velocimetry. <i>PLoS ONE</i> , 2018, 13, e0199792.	1.1	13

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91	Fate of Grafts Bypassing Nonischemic Versus Ischemic Inducing Coronary Stenosis. American Journal of Cardiology, 2018, 122, 1148-1154.	0.7	2
92	Impact of a Geometric Correction for Proximal Flow Constraint on the Assessment of Mitral Regurgitation Severity Using the Proximal Flow Convergence Method. Journal of Cardiovascular Imaging, 2018, 26, 33.	0.8	5
93	The impact of non-alcoholic fatty liver disease and metabolic syndrome on the progression of coronary artery calcification. Scientific Reports, 2018, 8, 12004.	1.6	19
94	Diagnostic Accuracy of a Machine-Learning Approach to Coronary Computed Tomographic Angiography-Based Fractional Flow Reserve. Circulation: Cardiovascular Imaging, 2018, 11, e007217.	1.3	280
95	Applications of Three-Dimensional Printing in Cardiovascular Surgery: A Case-Based Review. Cardiovascular Imaging Asia, 2018, 2, 166.	0.1	8
96	Diagnostic performance of on-site CT-derived fractional flow reserve versus CT perfusion. European Heart Journal Cardiovascular Imaging, 2017, 18, 432-440.	0.5	90
97	Prediabetes is not a risk factor for subclinical coronary atherosclerosis. International Journal of Cardiology, 2017, 243, 479-484.	0.8	14
98	Myocardial segmentation based on coronary anatomy using coronary computed tomography angiography: Development and validation in a pig model. European Radiology, 2017, 27, 4044-4053.	2.3	10
99	CT myocardial perfusion imaging: current status and future perspectives. International Journal of Cardiovascular Imaging, 2017, 33, 1009-1020.	0.7	20
100	Association between flow skewness and aortic dilatation in patients with aortic stenosis. International Journal of Cardiovascular Imaging, 2017, 33, 1969-1978.	0.7	6
101	In vivo assessment of aortic root geometry in normal controls using 3D analysis of computed tomography. European Heart Journal Cardiovascular Imaging, 2017, 18, 780-786.	0.5	11
102	Risk of New Native-Vessel Occlusion After Coronary Artery Bypass Grafting. American Journal of Cardiology, 2017, 119, 7-13.	0.7	13
103	Intravascular ultrasound-derived morphological predictors of myocardial ischemia assessed by stress myocardial perfusion computed tomography. Catheterization and Cardiovascular Interventions, 2017, 89, E207-E216.	0.7	3
104	2017 Multimodality Appropriate Use Criteria for Noninvasive Cardiac Imaging: Expert Consensus of the Asian Society of Cardiovascular Imaging. Korean Journal of Radiology, 2017, 18, 871.	1.5	28
105	Geographic and demographic variabilities of quantitative parameters in stress myocardial computed tomography perfusion. Korean Journal of Internal Medicine, 2017, 32, 847-854.	0.7	0
106	Survey of Thoracic CT Protocols and Technical Parameters in Korean Hospitals: Changes before and after Establishment of Thoracic CT Guideline by Korean Society of Thoracic Radiology in 2008. Journal of Korean Medical Science, 2016, 31, S32.	1.1	1
107	Three-Dimensional Printing: Basic Principles and Applications in Medicine and Radiology. Korean Journal of Radiology, 2016, 17, 182.	1.5	183
108	Hemodynamic Measurement Using Four-Dimensional Phase-Contrast MRI: Quantification of Hemodynamic Parameters and Clinical Applications. Korean Journal of Radiology, 2016, 17, 445.	1.5	35

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109	The influence of the aortic valve angle on the hemodynamic features of the thoracic aorta. <i>Scientific Reports</i> , 2016, 6, 32316.	1.6	29
110	Recanalization of Organized Thrombi Demonstrated by Coronary CT Angiography Compared With OCT. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 887-890.	2.3	7
111	Better Diagnosis of Functionally Significant Intermediate Sized Narrowings Using Intravascular Ultrasound-Minimal Lumen Area and Coronary Computed Tomographic Angiography-Based Myocardial Segmentation. <i>American Journal of Cardiology</i> , 2016, 117, 1282-1288.	0.7	17
112	Estimation of turbulent kinetic energy using 4D phase-contrast MRI: Effect of scan parameters and target vessel size. <i>Magnetic Resonance Imaging</i> , 2016, 34, 715-723.	1.0	12
113	2013 ACC/AHA Cholesterol Guideline Versus 2004 NCEP ATP III Guideline in the Prediction of Coronary Artery Calcification Progression in a Korean Population. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	15
114	Reply to letter by Dyverfeldt and Ebbers regarding the article "Estimation of turbulent kinetic energy using 4D phase-contrast MRI: Effect of scan parameters and target vessel size". <i>Magnetic Resonance Imaging</i> , 2016, 34, 1338-1340.	1.0	1
115	Coronary bifurcation stent morphology in dual-source CT: validation with micro-CT. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1659-1665.	0.7	4
116	Multi-VENC acquisition of four-dimensional phase-contrast MRI to improve precision of velocity field measurement. <i>Magnetic Resonance in Medicine</i> , 2016, 75, 1909-1919.	1.9	49
117	Long-Term Prognostic Value of Coronary CT Angiography in Asymptomatic Type 2 Diabetes Mellitus. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 1292-1300.	2.3	67
118	Mathematically Derived Criteria for Detecting Functionally Significant Stenoses Using Coronary Computed Tomographic Angiography-Based Myocardial Segmentation and Intravascular Ultrasound-Measured Minimal Lumen Area. <i>American Journal of Cardiology</i> , 2016, 118, 170-176.	0.7	16
119	CT-based myocardial ischemia evaluation: quantitative angiography, transluminal attenuation gradient, myocardial perfusion, and CT-derived fractional flow reserve. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 1-19.	0.7	24
120	Post-stenotic plug-like jet with a vortex ring demonstrated by 4D flow MRI. <i>Magnetic Resonance Imaging</i> , 2016, 34, 371-375.	1.0	12
121	Four-dimensional flow MRI for evaluation of post-stenotic turbulent flow in a phantom: comparison with flowmeter and computational fluid dynamics. <i>European Radiology</i> , 2016, 26, 3588-3597.	2.3	20
122	Stent fracture and longitudinal compression detected on coronary CT angiography in the first- and new-generation drug-eluting stents. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 637-646.	0.7	11
123	Subvalvular pannus and thrombosis in a mitral valve prosthesis. <i>Journal of Cardiovascular Computed Tomography</i> , 2016, 10, 191-192.	0.7	6
124	Turbulent Kinetic Energy Measurement Using Phase Contrast MRI for Estimating the Post-Stenotic Pressure Drop: In Vitro Validation and Clinical Application. <i>PLoS ONE</i> , 2016, 11, e0151540.	1.1	34
125	Impact of Metabolic Syndrome on Subclinical Atherosclerosis in Asymptomatic Individuals. <i>Circulation Journal</i> , 2015, 79, 1799-1806.	0.7	9
126	Korean Guidelines for the Appropriate Use of Cardiac CT. <i>Korean Journal of Radiology</i> , 2015, 16, 251.	1.5	59

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127	Left Atrial Function Following Surgical Ablation of Atrial Fibrillation: Prospective Evaluation Using Dual-Source Cardiac Computed Tomography. <i>Yonsei Medical Journal</i> , 2015, 56, 608.	0.9	5
128	Association between serum gamma-glutamyltransferase and the progression of coronary artery calcification. <i>Atherosclerosis</i> , 2015, 243, 300-306.	0.4	18
129	Prevalence of coronary atherosclerosis in an Asian population: findings from coronary computed tomographic angiography. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 659-668.	0.7	29
130	Myocardial 3-Dimensional Printing for Septal Myectomy Guidance in a Patient With Obstructive Hypertrophic Cardiomyopathy. <i>Circulation</i> , 2015, 132, 300-301.	1.6	72
131	Preoperative cardiac computed tomography for demonstration of congenital cardiac septal defect in adults. <i>European Radiology</i> , 2015, 25, 1614-1622.	2.3	5
132	Right ventricular functions measured by cardiac magnetic resonance imaging in patients who underwent tricuspid valve surgery: implication for patients' outcome. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2015, 17, P176.	1.6	0
133	Subvalvular pannus formation causing aortic stenosis in patient with a normal prosthetic aortic valve: computed tomography finding. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 458-458.	0.5	4
134	Comparison of Aortic Root Anatomy and Calcification Distribution Between Asian and Caucasian Patients Who Underwent Transcatheter Aortic Valve Implantation. <i>American Journal of Cardiology</i> , 2015, 116, 1566-1573.	0.7	31
135	Stress Myocardial Perfusion CT in Patients Suspected of Having Coronary Artery Disease: Visual and Quantitative Analysis—Validation by Using Fractional Flow Reserve. <i>Radiology</i> , 2015, 276, 715-723.	3.6	56
136	Comparison of Coronary Computed Tomographic Angiographic Findings in Asymptomatic Subjects With Versus Without Diabetes Mellitus. <i>American Journal of Cardiology</i> , 2015, 116, 372-378.	0.7	18
137	Subprosthetic Pannus after Aortic Valve Replacement Surgery: Cardiac CT Findings and Clinical Features. <i>Radiology</i> , 2015, 276, 724-731.	3.6	28
138	2013 ACC/AHA versus 2004 NECP ATP III Guidelines in the Assignment of Statin Treatment in a Korean Population with Subclinical Coronary Atherosclerosis. <i>PLoS ONE</i> , 2015, 10, e0137478.	1.1	6
139	Imaging of Coronary Revascularization: Stent and CABG. , 2015, , 103-115.		1
140	Non-aortic Valvular Heart Disease. , 2015, , 235-247.		0
141	Cardiac Imaging to Guide Electrophysiologic Intervention. , 2015, , 37-52.		0
142	2014 Korean Guidelines for Appropriate Utilization of Cardiovascular Magnetic Resonance Imaging: A Joint Report of the Korean Society of Cardiology and the Korean Society of Radiology. <i>Journal of the Korean Society of Radiology</i> , 2015, 72, 217.	0.1	0
143	2014 Korean Guidelines for Appropriate Utilization of Cardiovascular Magnetic Resonance Imaging: A Joint Report of the Korean Society of Cardiology and the Korean Society of Radiology. <i>Korean Journal of Radiology</i> , 2014, 15, 659.	1.5	26
144	2014 Korean Guidelines for Appropriate Utilization of Cardiovascular Magnetic Resonance Imaging: A Joint Report of the Korean Society of Cardiology and the Korean Society of Radiology. <i>Korean Circulation Journal</i> , 2014, 44, 359.	0.7	12

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145	Demonstration of Mitral Valve Prolapse with CT for Planning of Mitral Valve Repair. <i>Radiographics</i> , 2014, 34, 1537-1552.	1.4	33
146	Association between C-reactive Protein and Type of Coronary Arterial Plaque in Asymptomatic Patients: Assessment with Coronary CT Angiography. <i>Radiology</i> , 2014, 272, 665-673.	3.6	15
147	Aortic Valve Adaptation to Aortic Root Dilatation. <i>Circulation: Cardiovascular Imaging</i> , 2014, 7, 828-835.	1.3	35
148	Demonstration of Inverted Left Atrial Appendage Using Cardiac Computed Tomography. <i>Circulation</i> , 2014, 130, e66-7.	1.6	3
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