

Dong Jin Im

List of Publications by Year in descending order

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49
papers

928
citations

516710

16
h-index

501196

28
g-index

50
all docs

50
docs citations

50
times ranked

1479
citing authors

#	ARTICLE	IF	CITATIONS
1	Myocardial T1 and T2 Mapping: Techniques and Clinical Applications. Korean Journal of Radiology, 2017, 18, 113.	3.4	147
2	Myocardial Extracellular Volume Fraction with Dual-Energy Equilibrium Contrast-enhanced Cardiac CT in Nonischemic Cardiomyopathy: A Prospective Comparison with Cardiac MR Imaging. Radiology, 2016, 280, 49-57.	7.3	125
3	Correlation between EGFR gene mutation, cytologic tumor markers, 18F-FDG uptake in non-small cell lung cancer. BMC Cancer, 2016, 16, 224.	2.6	54
4	Analysis of Complications of Percutaneous Transthoracic Needle Biopsy Using CT-Guidance Modalities In a Multicenter Cohort of 10568 Biopsies. Korean Journal of Radiology, 2019, 20, 323.	3.4	42
5	Utility of Dual-Energy CT-based Monochromatic Imaging in the Assessment of Myocardial Delayed Enhancement in Patients with Cardiomyopathy. Radiology, 2018, 287, 442-451.	7.3	37
6	Dual-energy CT-based iodine quantification for differentiating pulmonary artery sarcoma from pulmonary thromboembolism: a pilot study. European Radiology, 2016, 26, 3162-3170.	4.5	31
7	Guideline for Cardiovascular Magnetic Resonance Imaging from the Korean Society of Cardiovascular Imagingâ€”Part 1: Standardized Protocol. Korean Journal of Radiology, 2019, 20, 1313.	3.4	30
8	Assessment of Mitral Paravalvular Leakage After Mitral Valve Replacement Using Cardiac Computed Tomography. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	29
9	Added value of cardiac computed tomography for evaluation of mechanical aortic valve: Emphasis on evaluation of pannus with surgical findings as standard reference. International Journal of Cardiology, 2016, 214, 454-460.	1.7	26
10	Assessment of myocardial delayed enhancement with cardiac computed tomography in cardiomyopathies: a prospective comparison with delayed enhancement cardiac magnetic resonance imaging. International Journal of Cardiovascular Imaging, 2017, 33, 577-584.	1.5	26
11	Volume-based quantification using dual-energy computed tomography in the differentiation of thymic epithelial tumours: an initial experience. European Radiology, 2017, 27, 1992-2001.	4.5	25
12	Assessment of mitral annuloplasty ring by cardiac computed tomography: Correlation with echocardiographic parameters and comparison between two different ring types. Journal of Thoracic and Cardiovascular Surgery, 2015, 150, 1082-1090.	0.8	21
13	Acute Pulmonary Embolism: Retrospective Cohort Study of the Predictive Value of Perfusion Defect Volume Measured With Dual-Energy CT. American Journal of Roentgenology, 2017, 209, 1015-1022.	2.2	21
14	Predictors of Recurrent Stroke in Patients with Ischemic Stroke: Comparison Study between Transesophageal Echocardiography and Cardiac CT. Radiology, 2015, 276, 381-389.	7.3	20
15	Dual-Energy CT for Pulmonary Embolism: Current and Evolving Clinical Applications. Korean Journal of Radiology, 2021, 22, 1555.	3.4	20
16	Hook-wire localization versus lipiodol localization for patients with pulmonary lesions having ground-glass opacity. Journal of Thoracic and Cardiovascular Surgery, 2020, 159, 1571-1579.e2.	0.8	19
17	Predictive factors for treatment response using dual-energy computed tomography in patients with advanced lung adenocarcinoma. European Journal of Radiology, 2018, 101, 118-123.	2.6	17
18	Prognostic value of coronary artery disease-reporting and data system (CAD-RADS) score for cardiovascular events in ischemic stroke. Atherosclerosis, 2019, 287, 1-7.	0.8	17

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19	Cohort Profile: Firefighter Research on the Enhancement of Safety and Health (FRESH), a Prospective Cohort Study on Korean Firefighters. <i>Yonsei Medical Journal</i> , 2020, 61, 103.	2.2	17
20	Quantitative Analysis of a Whole Cardiac Mass Using Dual-Energy Computed Tomography: Comparison with Conventional Computed Tomography and Magnetic Resonance Imaging. <i>Scientific Reports</i> , 2018, 8, 15334.	3.3	16
21	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.	3.4	16
22	Measurement of Opening and Closing Angles of Aortic Valve Prostheses <i>In Vivo</i> Using Dual-Source Computed Tomography: Comparison with Those of Manufacturers' in 10 Different Types. <i>Korean Journal of Radiology</i> , 2015, 16, 1012.	3.4	15
23	Prognostic value of SYNTAX score based on coronary computed tomography angiography. <i>International Journal of Cardiology</i> , 2015, 199, 460-466.	1.7	15
24	Synthetic Extracellular Volume Fraction Derived Using Virtual Unenhanced Attenuation of Blood on Contrast-Enhanced Cardiac Dual-Energy CT in Nonischemic Cardiomyopathy. <i>American Journal of Roentgenology</i> , 2022, 218, 454-461.	2.2	15
25	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.	3.4	13
26	Absolute-Delay Multiphase Reconstruction Reduces Prosthetic Valve-Related and Atrial Fibrillation-Related Artifacts at Cardiac CT. <i>American Journal of Roentgenology</i> , 2017, 208, W160-W167.	2.2	9
27	A whole-heart motion-correction algorithm: Effects on CT image quality and diagnostic accuracy of mechanical valve prosthesis abnormalities. <i>Journal of Cardiovascular Computed Tomography</i> , 2017, 11, 474-481.	1.3	9
28	Role of Cardiac Computed Tomography for Etiology Evaluation of Newly Diagnosed Heart Failure with Reduced Ejection Fraction. <i>Journal of Clinical Medicine</i> , 2020, 9, 2270.	2.4	9
29	Prognostic Value of Dual-Energy CT-Based Iodine Quantification versus Conventional CT in Acute Pulmonary Embolism: A Propensity-Match Analysis. <i>Korean Journal of Radiology</i> , 2020, 21, 1095.	3.4	9
30	Feasibility of Single Scan for Simultaneous Evaluation of Regional Krypton and Iodine Concentrations with Dual-Energy CT: An Experimental Study. <i>Radiology</i> , 2016, 281, 597-605.	7.3	8
31	Predictors of False-Negative Results from Percutaneous Transthoracic Fine-Needle Aspiration Biopsy: An Observational Study from a Retrospective Cohort. <i>Yonsei Medical Journal</i> , 2016, 57, 1243.	2.2	7
32	SYNTAX score based on coronary computed tomography angiography may have a prognostic value in patients with complex coronary artery disease. <i>Medicine (United States)</i> , 2017, 96, e7999.	1.0	7
33	Coronary CT Angiography CAD-RADS versus Coronary Artery Calcium Score in Patients with Acute Chest Pain. <i>Radiology</i> , 2021, 301, 81-90.	7.3	7
34	Accuracy of computed tomography for selecting the revascularization method based on SYNTAX score II. <i>European Radiology</i> , 2018, 28, 2151-2158.	4.5	6
35	Effectiveness of automatic tube potential selection with tube current modulation in coronary CT angiography for obese patients: Comparison with a body mass index-based protocol using the propensity score matching method. <i>PLoS ONE</i> , 2018, 13, e0190584.	2.5	6
36	Feasibility of a single-beat prospective ECG-gated cardiac CT for comprehensive evaluation of aortic valve disease using a 256-detector row wide-volume CT scanner: an initial experience. <i>International Journal of Cardiovascular Imaging</i> , 2018, 34, 293-300.	1.5	5

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37	Serial T1 mapping of right ventricle in pulmonary hypertension: comparison with histology in an animal study. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 64.	3.3	5
38	Technological Improvements in Cardiac Thrombus Diagnosis. <i>Cardiovascular Imaging Asia</i> , 2017, 1, 166.	0.1	4
39	CT-based radiomics signature for differentiation between cardiac tumors and thrombi: a retrospective, multicenter study. <i>Scientific Reports</i> , 2022, 12, 8173.	3.3	4
40	Comparison of coronary computed tomography angiography image quality with high- and low-concentration contrast agents (CONCENTRATE): study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 315.	1.6	3
41	Factors affecting computed tomography image quality for assessment of mechanical aortic valves. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 63-71.	1.5	3
42	Prognostic impact of cytological fluid tumor markers in non-small cell lung cancer. <i>Tumor Biology</i> , 2016, 37, 3205-3213.	1.8	3
43	Effects of bismuth breast shielding on iodine quantification in dual-energy computed tomography: an experimental phantom study. <i>Acta Radiologica</i> , 2018, 59, 1475-1481.	1.1	2
44	Predictive factors of recurrence after resection of subsolid clinical stage IA lung adenocarcinoma. <i>Thoracic Cancer</i> , 2021, 12, 941-948.	1.9	2
45	LOGIS (LlOcalization of Ground-glass-opacity and pulmonary lesions for mInimal Surgery) registry: Design and Rationale. <i>Contemporary Clinical Trials Communications</i> , 2018, 9, 60-63.	1.1	1
46	Prognostic Value of Coronary Artery Disease Reporting and Data System Score for Major Adverse Cardiac Events in Patients Attending the Emergency Department With Acute Chest Pain. <i>Journal of Computer Assisted Tomography</i> , 2021, 45, 395-402.	0.9	1
47	The image quality and diagnostic accuracy of T1-mapping-based synthetic late gadolinium enhancement imaging: comparison with conventional late gadolinium enhancement imaging in real-life clinical situation. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2022, 24, 28.	3.3	1
48	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.	0.4	0
49	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