

Byoung Wook Choi

List of Publications by Year in descending order

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192
papers

4,930
citations

87888

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133252

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all docs

192
docs citations

192
times ranked

6193
citing authors

#	ARTICLE	IF	CITATIONS
1	RT-AIDE: A RTOS-Agnostic and Interoperable Development Environment for Real-Time Systems. IEEE Transactions on Industrial Informatics, 2023, 19, 2772-2781.	11.3	2
2	Aortic Unfolding Measurement Using Non-Contrast Cardiac CT: Normal Range of Low-Risk Subjects. Journal of the Korean Society of Radiology, 2022, 83, 360.	0.2	0
3	Radiomics Feature Analysis Using Native T1 Mapping for Discriminating Between Cardiac Tumors and Thrombi. Academic Radiology, 2022, 29, S1-S8.	2.5	8
4	Synthetic Extracellular Volume Fraction Derived Using Virtual Unenhanced Attenuation of Blood on Contrast-Enhanced Cardiac Dual-Energy CT in Nonischemic Cardiomyopathy. American Journal of Roentgenology, 2022, 218, 454-461.	2.2	15
5	Evaluation of the Ostium in Anomalous Origin of the Right Coronary Artery with an Interarterial Course Using Dynamic Cardiac CT and Implications of Ostial Findings. Korean Journal of Radiology, 2022, 23, 172.	3.4	4
6	Relationship between Coronary Artery Calcification and Central Chorioretinal Thickness in Patients with Subclinical Atherosclerosis. Ophthalmologica, 2021, 244, 18-26.	1.9	4
7	Differentiation of left atrial appendage thrombus from circulatory stasis using cardiac CT radiomics in patients with valvular heart disease. European Radiology, 2021, 31, 1130-1139.	4.5	18
8	Construction of a Standard Dataset for Liver Tumors for Testing the Performance and Safety of Artificial Intelligence-Based Clinical Decision Support Systems. Journal of the Korean Society of Radiology, 2021, 82, 1196.	0.2	0
9	Reliability of Coronary Artery Calcium Severity Assessment on Non-ECG-Gated CT: A Meta-Analysis. Korean Journal of Radiology, 2021, 22, 1034.	3.4	7
10	Performance of Prediction Models for Diagnosing Severe Aortic Stenosis Based on Aortic Valve Calcium on Cardiac Computed Tomography: Incorporation of Radiomics and Machine Learning. Korean Journal of Radiology, 2021, 22, 334.	3.4	13
11	Regional Amyloid Burden Differences Evaluated Using Quantitative Cardiac MRI in Patients with Cardiac Amyloidosis. Korean Journal of Radiology, 2021, 22, 880.	3.4	2
12	Use of Artificial Intelligence-Based Software as Medical Devices for Chest Radiography: A Position Paper from the Korean Society of Thoracic Radiology. Korean Journal of Radiology, 2021, 22, 1743.	3.4	29
13	High-resolution T1 MRI via renally clearable dextran nanoparticles with an iron oxide shell. Nature Biomedical Engineering, 2021, 5, 252-263.	22.5	53
14	Comparison of artery-based methods for ordinal grading of coronary artery calcium on low-dose chest computed tomography. European Radiology, 2021, 31, 8108-8115.	4.5	5
15	Development of a deep learning-based algorithm for the automatic detection and quantification of aortic valve calcium. European Journal of Radiology, 2021, 137, 109582.	2.6	13
16	Serial T1 mapping of right ventricle in pulmonary hypertension: comparison with histology in an animal study. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 64.	3.3	5
17	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. Journal of Computer Assisted Tomography, 2021, 45, 395-402.	0.9	1
18	Ultrahigh-field cardiovascular magnetic resonance T1 and T2 mapping for the assessment of anthracycline-induced cardiotoxicity in rat models: validation against histopathologic changes. Journal of Cardiovascular Magnetic Resonance, 2021, 23, 76.	3.3	10

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19	Hook-wire localization versus lipiodol localization for patients with pulmonary lesions having ground-glass opacity. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 159, 1571-1579.e2.	0.8	19
20	Deep Convolutional Neural Network-based Software Improves Radiologist Detection of Malignant Lung Nodules on Chest Radiographs. <i>Radiology</i> , 2020, 294, 199-209.	7.3	164
21	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
22	New Insights Into the Real-Time Performance of a Multicore Processor. <i>IEEE Access</i> , 2020, 8, 186199-186211.	4.2	12
23	Real-Time Characteristics of ROS 2.0 in Multiagent Robot Systems: An Empirical Study. <i>IEEE Access</i> , 2020, 8, 154637-154651.	4.2	26
24	Cardiotoxicity evaluation using magnetic resonance imaging in breast Cancer patients (CareBest): study protocol for a prospective trial. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 264.	1.7	8
25	Safe and Policy Oriented Secure Android-Based Industrial Embedded Control System. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 2796.	2.5	4
26	Utility of CT radiomics for prediction of PD-L1 expression in advanced lung adenocarcinomas. <i>Thoracic Cancer</i> , 2020, 11, 993-1004.	1.9	56
27	Cardiac CT for Measurement of Right Ventricular Volume and Function in Comparison with Cardiac MRI: A Meta-Analysis. <i>Korean Journal of Radiology</i> , 2020, 21, 450.	3.4	19
28	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
29	Study Design and Rationale of Cardiac Computed Tomography Angiography and MRI in Patients with Type 2 Diabetes for Detection of Unrecognized Myocardial Scar in Subclinical Coronary Atherosclerosis (ACCREDIT Study). <i>Cardiovascular Imaging Asia</i> , 2020, 4, 45.	0.1	0
30	Design and Implementation Procedure for an Advanced Driver Assistance System Based on an Open Source AUTOSAR. <i>Electronics (Switzerland)</i> , 2019, 8, 1025.	3.1	10
31	MPSoC: The Low-cost Approach to Real-time Hardware Simulations for Power and Energy Systems. <i>IFAC-PapersOnLine</i> , 2019, 52, 57-62.	0.9	2
32	Real-time control architecture based on Xenomai using ROS packages for a service robot. <i>Journal of Systems and Software</i> , 2019, 151, 8-19.	4.5	27
33	Benefit of Four-Dimensional Computed Tomography Derived Ejection Fraction of the Left Atrial Appendage to Predict Thromboembolic Risk in the Patients with Valvular Heart Disease. <i>Korean Circulation Journal</i> , 2019, 49, 173.	1.9	5
34	Prognostic value of coronary artery disease-reporting and data system (CAD-RADS) score for cardiovascular events in ischemic stroke. <i>Atherosclerosis</i> , 2019, 287, 1-7.	0.8	17
35	Exploiting the Vulnerability of Deep Learning-Based Artificial Intelligence Models in Medical Imaging: Adversarial Attacks. <i>Journal of the Korean Society of Radiology</i> , 2019, 80, 259.	0.2	23
36	Open Embedded Real-time Controllers for Industrial Distributed Control Systems. <i>Electronics (Switzerland)</i> , 2019, 8, 223.	3.1	17

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37	Network-Oriented Real-Time Embedded System Considering Synchronous Joint Space Motion for an Omnidirectional Mobile Robot. <i>Electronics (Switzerland)</i> , 2019, 8, 317.	3.1	12
38	Utility of Cardiac CT for Preoperative Evaluation of Mitral Regurgitation: Morphological Evaluation of Mitral Valve and Prediction of Valve Replacement. <i>Korean Journal of Radiology</i> , 2019, 20, 352.	3.4	6
39	Tricuspid annular diameter and right ventricular volume on preoperative cardiac CT can predict postoperative right ventricular dysfunction in patients who undergo tricuspid valve surgery. <i>International Journal of Cardiology</i> , 2019, 288, 44-50.	1.7	4
40	Diagnostic Value of Advanced Imaging Modalities for the Detection and Differentiation of Prosthetic Valve Obstruction. <i>JACC: Cardiovascular Imaging</i> , 2019, 12, 2182-2192.	5.3	17
41	Value of Computed Tomography Radiomic Features for Differentiation of Periprosthetic Mass in Patients With Suspected Prosthetic Valve Obstruction. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e009496.	2.6	21
42	Lung cancer detected on coronary artery calcium scoring computed tomography: factors delaying diagnosis and predictors of survival. <i>Acta Radiologica</i> , 2019, 60, 1118-1126.	1.1	0
43	Predictive factors for treatment response using dual-energy computed tomography in patients with advanced lung adenocarcinoma. <i>European Journal of Radiology</i> , 2018, 101, 118-123.	2.6	17
44	Myocardial Extracellular Volume Fraction and Change in Hematocrit Level: MR Evaluation by Using T1 Mapping in an Experimental Model of Anemia. <i>Radiology</i> , 2018, 288, 93-98.	7.3	13
45	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
46	Utility of Dual-Energy CT-based Monochromatic Imaging in the Assessment of Myocardial Delayed Enhancement in Patients with Cardiomyopathy. <i>Radiology</i> , 2018, 287, 442-451.	7.3	37
47	Adverse Prognostic CT Findings for Patients With Advanced Lung Adenocarcinoma Receiving First-Line Epidermal Growth Factor Receptor Tyrosine Kinase Inhibitor Therapy. <i>American Journal of Roentgenology</i> , 2018, 210, 43-51.	2.2	3
48	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
49	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
50	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
51	Application of EtherCAT in Microgrid Communication Network: A Case Study. , 2018, , ,		5
52	Clinical Implications of Moderate Coronary Stenosis on Coronary Computed Tomography Angiography in Patients with Stable Angina. <i>Yonsei Medical Journal</i> , 2018, 59, 937.	2.2	4
53	Deep-learned 3D black-blood imaging using automatic labelling technique and 3D convolutional neural networks for detecting metastatic brain tumors. <i>Scientific Reports</i> , 2018, 8, 9450.	3.3	36
54	Altered myocardial characteristics of the preexcited segment in Wolff-Parkinson-White syndrome: A pilot study with cardiac magnetic resonance imaging. <i>PLoS ONE</i> , 2018, 13, e0198218.	2.5	7

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55	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. PLoS ONE, 2018, 13, e0190584.	2.5	6
56	Absolute-Delay Multiphase Reconstruction Reduces Prosthetic Valve-Related and Atrial Fibrillation-Related Artifacts at Cardiac CT. American Journal of Roentgenology, 2017, 208, W160-W167.	2.2	9
57	Contrast-enhanced T1 mapping-based extracellular volume fraction independently predicts clinical outcome in patients with non-ischemic dilated cardiomyopathy: a prospective cohort study. European Radiology, 2017, 27, 3924-3933.	4.5	44
58	Cardiac CT Imaging for Ischemic Stroke: Current and Evolving Clinical Applications. Radiology, 2017, 283, 14-28.	7.3	25
59	Reliability of Measurement of Chemical Exchange Saturation Transfer Effects for Lung Lesions. Radiology, 2017, 282, 922-923.	7.3	0
60	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
61	The clinical significance of perivalvular pannus in prosthetic mitral valves: Can cardiac CT be helpful?. International Journal of Cardiology, 2017, 249, 344-348.	1.7	12
62	A whole-heart motion-correction algorithm: Effects on CT image quality and diagnostic accuracy of mechanical valve prosthesis abnormalities. Journal of Cardiovascular Computed Tomography, 2017, 11, 474-481.	1.3	9
63	SYNTAX score based on coronary computed tomography angiography may have a prognostic value in patients with complex coronary artery disease. Medicine (United States), 2017, 96, e7999.	1.0	7
64	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
65	On the in-controller performance of an open source EtherCAT master using open platforms. , 2017, , .		3
66	Early Detection and Serial Monitoring of Anthracycline-Induced Cardiotoxicity Using T1-mapping Cardiac Magnetic Resonance Imaging: An Animal Study. Scientific Reports, 2017, 7, 2663.	3.3	42
67	Comparative Effectiveness and Safety of Preoperative Lung Localization for Pulmonary Nodules. Chest, 2017, 151, 316-328.	0.8	211
68	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
69	Myocardial T1 and T2 Mapping: Techniques and Clinical Applications. Korean Journal of Radiology, 2017, 18, 113.	3.4	147
70	Technological Improvements in Cardiac Thrombus Diagnosis. Cardiovascular Imaging Asia, 2017, 1, 166.	0.1	4
71	Performance Evaluation of Real-time Mechanisms on Open Embedded Hardware Platforms. Journal of Institute of Control, Robotics and Systems, 2017, 23, 60-66.	0.2	2
72	Coronary Computed Tomographic Angiography Does Not Accurately Predict the Need of Coronary Revascularization in Patients with Stable Angina. Yonsei Medical Journal, 2016, 57, 1079.	2.2	2

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73	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
74	How to Develop, Validate, and Compare Clinical Prediction Models Involving Radiological Parameters: Study Design and Statistical Methods. <i>Korean Journal of Radiology</i> , 2016, 17, 339.	3.4	127
75	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
76	Detecting Regional Myocardial Abnormalities in Patients With Wolff-Parkinson-White Syndrome With the Use of ECG-Gated Cardiac MDCT. <i>American Journal of Roentgenology</i> , 2016, 206, 719-725.	2.2	10
77	Reply to letter "Prognostic value of computed tomography based SYNTAX score in coronary artery disease". <i>International Journal of Cardiology</i> , 2016, 203, 1013.	1.7	0
78	Added value of cardiac computed tomography for evaluation of mechanical aortic valve: Emphasis on evaluation of pannus with surgical findings as standard reference. <i>International Journal of Cardiology</i> , 2016, 214, 454-460.	1.7	26
79	Incremental prognostic value of computed tomography in stroke: rationale and design of the IMPACTS study. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 83-89.	1.5	1
80	Dual-energy CT-based iodine quantification for differentiating pulmonary artery sarcoma from pulmonary thromboembolism: a pilot study. <i>European Radiology</i> , 2016, 26, 3162-3170.	4.5	31
81	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
82	Semiquantitative assessment of tibial artery calcification by computed tomography angiography and its ability to predict infrapopliteal angioplasty outcomes. <i>Journal of Vascular Surgery</i> , 2016, 64, 1335-1343.	1.1	33
83	Time, Dose, and Volume Responses in a Mouse Pulmonary Injury Model Following Ablative Irradiation. <i>Lung</i> , 2016, 194, 81-90.	3.3	13
84	Assessment of Mitral Paravalvular Leakage After Mitral Valve Replacement Using Cardiac Computed Tomography. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	29
85	Myocardial Extracellular Volume Fraction with Dual-Energy Equilibrium Contrast-enhanced Cardiac CT in Nonischemic Cardiomyopathy: A Prospective Comparison with Cardiac MR Imaging. <i>Radiology</i> , 2016, 280, 49-57.	7.3	125
86	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
87	Myocardial Characterization Using Dual-Energy CT in Doxorubicin-Induced DCM. <i>JACC: Cardiovascular Imaging</i> , 2016, 9, 836-845.	5.3	48
88	Prognostic impact of cytological fluid tumor markers in non-small cell lung cancer. <i>Tumor Biology</i> , 2016, 37, 3205-3213.	1.8	3
89	Correlation between EGFR gene mutation, cytologic tumor markers, 18F-FDG uptake in non-small cell lung cancer. <i>BMC Cancer</i> , 2016, 16, 224.	2.6	54
90	Lipiodol Localization for Ground-glass opacity minimal Surgery: Rationale and design of the LOGIS trial. <i>Contemporary Clinical Trials</i> , 2015, 43, 194-199.	1.8	11

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91	Usefulness of thin-section single-shot turbo spin echo with half-fourier acquisition in evaluation of local invasion of lung cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 747-754.	3.4	11
92	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
93	Relationship between Myocardial Extracellular Space Expansion Estimated with Post-Contrast T1 Mapping MRI and Left Ventricular Remodeling and Neurohormonal Activation in Patients with Dilated Cardiomyopathy. <i>Korean Journal of Radiology</i> , 2015, 16, 1153.	3.4	9
94	Differential Prognostic Value of Coronary Computed Tomography Angiography in Relation to Exercise Electrocardiography in Asymptomatic Subjects. <i>Journal of Cardiovascular Imaging</i> , 2015, 23, 244.	0.8	4
95	Practical high curvature path planning algorithm in joint space. <i>Electronics Letters</i> , 2015, 51, 469-471.	1.0	4
96	Extracellular volume fraction in dilated cardiomyopathy patients without obvious late gadolinium enhancement: comparison with healthy control subjects. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 115-122.	1.5	29
97	Predictors of Recurrent Stroke in Patients with Ischemic Stroke: Comparison Study between Transesophageal Echocardiography and Cardiac CT. <i>Radiology</i> , 2015, 276, 381-389.	7.3	20
98	Prognostic value of SYNTAX score based on coronary computed tomography angiography. <i>International Journal of Cardiology</i> , 2015, 199, 460-466.	1.7	15
99	Accuracy of CT for Selecting Candidates for Coronary Artery Bypass Graft Surgery: Combination with the SYNTAX Score. <i>Radiology</i> , 2015, 276, 390-399.	7.3	23
100	Utility of cardiac computed tomography for evaluation of pannus in mechanical aortic valve. <i>International Journal of Cardiovascular Imaging</i> , 2015, 31, 1271-1280.	1.5	10
101	Native T 1 Mapping by 3-T CMR Imaging for Characterization of Chronic Myocardial Infarctions. <i>JACC: Cardiovascular Imaging</i> , 2015, 8, 1019-1030.	5.3	75
102	Prognostic value of coronary computed tomography angiography in stroke patients. <i>Atherosclerosis</i> , 2015, 238, 271-277.	0.8	25
103	Dual-energy cardiac computed tomography for differentiating cardiac myxoma from thrombus. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 121-128.	1.5	27
104	Evaluation of extracellular volume fraction thresholds corresponding to myocardial late-gadolinium enhancement using cardiac magnetic resonance. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 137-144.	1.5	9
105	Differentiation Between Mucus Secretion and Endoluminal Tumors in the Airway: Analysis and Comparison of CT Findings. <i>American Journal of Roentgenology</i> , 2014, 202, 982-988.	2.2	13
106	Predicting Asymptomatic Coronary Artery Disease in Patients With Ischemic Stroke and Transient Ischemic Attack. <i>Stroke</i> , 2014, 45, 82-86.	2.0	29
107	Dual-energy CT for differentiating acute and chronic pulmonary thromboembolism: an initial experience. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 113-120.	1.5	16
108	Synthesis and characterization of ethosomal contrast agents containing iodine for computed tomography (CT) imaging applications. <i>Journal of Liposome Research</i> , 2014, 24, 124-129.	3.3	8

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109	Implementation of Joint Space Trajectory Planning for Mobile Robots with Considering Velocity Constraints on Xenomai. <i>International Journal of Control and Automation</i> , 2014, 7, 189-200.	0.3	2
110	Tumor perfusion-related parameter of diffusion-weighted magnetic resonance imaging: Correlation with histological microvessel density. <i>Magnetic Resonance in Medicine</i> , 2014, 71, 1554-1558.	3.0	115
111	CT-based abdominal aortic calcification score as a surrogate marker for predicting the presence of asymptomatic coronary artery disease. <i>European Radiology</i> , 2014, 24, 2491-2498.	4.5	35
112	Prevalence and extent of atherosclerotic coronary artery disease and related outcome based on coronary computed tomographic angiography in asymptomatic elderly patients: retrospective cohort study. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 669-676.	1.5	9
113	Fabrication of Multifunctional Layer-by-Layer Nanocapsules toward the Design of Theragnostic Nanoplatform. <i>Biomacromolecules</i> , 2014, 15, 1382-1389.	5.4	42
114	Respiratory dynamic magnetic resonance imaging for determining aortic invasion of thoracic neoplasms. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 148, 644-650.	0.8	16
115	Aortic Unfolding Determined Using Non-Contrast Cardiac Computed Tomography: Correlations with Age and Coronary Artery Calcium Score. <i>PLoS ONE</i> , 2014, 9, e95887.	2.5	7
116	The effect of pulmonary blood flow changes on oxygen-enhanced lung magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , 2013, 69, 1645-1649.	3.0	1
117	Size and CT density of iodine-containing ethosomal vesicles obtained by membrane extrusion: Potential for use as CT contrast agents. <i>Biotechnology Journal</i> , 2013, 8, 1347-1353.	3.5	3
118	Anomalous great cardiac vein draining into the right atrium combined with a single left coronary artery. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 53-56.	1.5	4
119	Additional value of dual-energy CT to differentiate between benign and malignant mediastinal tumors: An initial experience. <i>European Journal of Radiology</i> , 2013, 82, 2043-2049.	2.6	45
120	Dual-Enhancement Cardiac Computed Tomography for Assessing Left Atrial Thrombus and Pulmonary Veins Before Radiofrequency Catheter Ablation for Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2013, 112, 238-244.	1.6	43
121	Different Perfusion Pattern Between Acute and Chronic Pulmonary Thromboembolism: Evaluation With Two-Phase Dual-Energy Perfusion CT. <i>American Journal of Roentgenology</i> , 2013, 200, 812-817.	2.2	60
122	Combined Use of Automatic Tube Potential Selection with Tube Current Modulation and Iterative Reconstruction Technique in Coronary CT Angiography. <i>Radiology</i> , 2013, 269, 722-729.	7.3	27
123	Ischemic Stroke: Measurement of Intracranial Artery Calcifications Can Improve Prediction of Asymptomatic Coronary Artery Disease. <i>Radiology</i> , 2013, 268, 842-849.	7.3	24
124	NSCLC Subtype Prediction Using Cytologic Fluid Specimens From Needle Aspiration Biopsies. <i>American Journal of Clinical Pathology</i> , 2013, 139, 309-316.	0.7	6
125	Analysis of tumor markers in cytological fluid obtained from computed tomography-guided needle aspiration biopsies for the diagnosis of ground-glass opacity pulmonary lesions. <i>Cancer Cytopathology</i> , 2013, 121, 214-222.	2.4	7
126	Lack of Association between Stroke and Left Atrial Out-Pouching Structures: Results of a Case-Control Study. <i>PLoS ONE</i> , 2013, 8, e76617.	2.5	4

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127	Usefulness of Multidetector Row Computed Tomography for Predicting Cardiac Events in Asymptomatic Chronic Kidney Disease Patients at the Initiation of Renal Replacement Therapy. <i>Scientific World Journal</i> , The, 2013, 2013, 1-6.	2.1	5
128	Anomalous Origin of the Right Coronary Artery from the Left Coronary Sinus with an Interarterial Course: Subtypes and Clinical Importance. <i>Radiology</i> , 2012, 262, 101-108.	7.3	91
129	The Frequency and Risk of Preclinical Coronary Artery Disease Detected Using Multichannel Cardiac Computed Tomography in Patients with Ischemic Stroke. <i>Cerebrovascular Diseases</i> , 2012, 33, 286-294.	1.7	64
130	Meaning of zero coronary calcium score in symptomatic patients referred for coronary computed tomographic angiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2012, 13, 776-785.	1.2	49
131	Cardioembolic Stroke: Dual-Energy Cardiac CT for Differentiation of Left Atrial Appendage Thrombus and Circulatory Stasis. <i>Radiology</i> , 2012, 263, 688-695.	7.3	120
132	Endomyocardial Fibrosis: Evaluation With Myocardial Contrast Echocardiography and Magnetic Resonance Imaging. <i>Canadian Journal of Cardiology</i> , 2012, 28, 612.e11-612.e12.	1.7	3
133	Dual-source coronary CT angiography in patients with high heart rates using a prospectively ECG-triggered axial mode at end-systole. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 101-107.	1.5	12
134	Additional diagnostic value of tumor markers in cytological fluid for diagnosis of non-small-cell lung cancer. <i>BMC Cancer</i> , 2012, 12, 392.	2.6	17
135	Prognostic Value of Multidetector Coronary Computed Tomography Angiography in Relation to Exercise Electrocardiogram in Patients With Suspected Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2012, 60, 2205-2215.	2.8	30
136	Assessment of atherosclerotic plaques in a rabbit model by delayed-phase contrast-enhanced CT angiography: comparison with histopathology. <i>International Journal of Cardiovascular Imaging</i> , 2012, 28, 353-363.	1.5	2
137	Analysis of Tumor Markers in the Cytological Fluid Obtained from Computed Tomography-Guided Needle Aspiration Biopsy for the Diagnosis of Non-small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2011, 6, 1330-1335.	1.1	11
138	Diagnostic accuracy of 64-slice multidetector computed tomography for selecting coronary artery bypass graft surgery candidates. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2011, 141, 571-577.	0.8	7
139	Low-Dose Electrocardiography Synchronized Nonenhanced Computed Tomography for Assessing Left Atrium and Pulmonary Veins Before Radiofrequency Catheter Ablation for Atrial Fibrillation. <i>American Journal of Cardiology</i> , 2011, 108, 536-540.	1.6	2
140	CT fluoroscopy-guided lung biopsy versus conventional CT-guided lung biopsy: a prospective controlled study to assess radiation doses and diagnostic performance. <i>European Radiology</i> , 2011, 21, 232-239.	4.5	133
141	The usefulness of delayed contrast-enhanced cardiovascular magnetic resonance imaging in differentiating cardiac tumors from thrombi in stroke patients. <i>International Journal of Cardiovascular Imaging</i> , 2011, 27, 89-95.	1.5	20
142	Coronary Artery Calcium Scoring Does Not Add Prognostic Value to Standard 64-Section CT Angiography Protocol in Low-Risk Patients Suspected of Having Coronary Artery Disease. <i>Radiology</i> , 2011, 259, 92-99.	7.3	55
143	Dual-Enhanced Cardiac CT for Detection of Left Atrial Appendage Thrombus in Patients With Stroke. <i>Stroke</i> , 2011, 42, 2471-2477.	2.0	110
144	Evaluation of Coronary Artery In-stent Restenosis by 64-Section Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2010, 25, 57-63.	1.5	24

#	ARTICLE	IF	CITATIONS
145	Computed Tomographic Fluoroscopy-Guided Needle Aspiration Biopsy as a Second Biopsy Technique After Indeterminate Transbronchial Biopsy Results for Pulmonary Lesions. <i>Journal of Computer Assisted Tomography</i> , 2010, 34, 290-295.	0.9	11
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