

## List of Publications by Citations

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132  
papers

2,721  
citations

29  
h-index

47  
g-index

134  
ext. papers

3,243  
ext. citations

5.9  
avg, IF

4.71  
L-index

#	Paper	IF	Citations
132	Comparative Effectiveness and Safety of Preoperative Lung Localization for Pulmonary Nodules: A Systematic Review and Meta-analysis. <i>Chest</i> , <b>2017</b> , 151, 316-328	5.3	128
131	Left atrial appendage thrombi in stroke patients: detection with two-phase cardiac CT angiography versus transesophageal echocardiography. <i>Radiology</i> , <b>2009</b> , 251, 683-90	20.5	124
130	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> , <b>2011</b> , 21, 232-9	8	113
129	Cardioembolic stroke: dual-energy cardiac CT for differentiation of left atrial appendage thrombus and circulatory stasis. <i>Radiology</i> , <b>2012</b> , 263, 688-95	20.5	101
128	Tumor perfusion-related parameter of diffusion-weighted magnetic resonance imaging: correlation with histological microvessel density. <i>Magnetic Resonance in Medicine</i> , <b>2014</b> , 71, 1554-8	4.4	96
127	Dual-enhanced cardiac CT for detection of left atrial appendage thrombus in patients with stroke: a prospective comparison study with transesophageal echocardiography. <i>Stroke</i> , <b>2011</b> , 42, 2471-7	6.7	96
126	Myocardial T1 and T2 Mapping: Techniques and Clinical Applications. <i>Korean Journal of Radiology</i> , <b>2017</b> , 18, 113-131	6.9	94
125	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> , <b>2016</b> , 280, 49-57	20.5	79
124	Diagnostic accuracy of CT fluoroscopy-guided needle aspiration biopsy of ground-glass opacity pulmonary lesions. <i>American Journal of Roentgenology</i> , <b>2009</b> , 192, 629-34	5.4	73
123	Anomalous origin of the right coronary artery from the left coronary sinus with an interarterial course: subtypes and clinical importance. <i>Radiology</i> , <b>2012</b> , 262, 101-8	20.5	72
122	Abdominal cocoon: preoperative diagnostic clues from radiologic imaging with pathologic correlation. <i>American Journal of Roentgenology</i> , <b>2004</b> , 182, 639-41	5.4	66
121	Patent foramen ovale: diagnosis with multidetector CT--comparison with transesophageal echocardiography. <i>Radiology</i> , <b>2009</b> , 250, 61-7	20.5	65
120	Thrombus in the left atrial appendage in stroke patients: detection with cardiac CT angiography--a preliminary report. <i>Radiology</i> , <b>2008</b> , 249, 81-7	20.5	62
119	Cardiac computed tomographic angiography for detection of cardiac sources of embolism in stroke patients. <i>Stroke</i> , <b>2009</b> , 40, 2073-8	6.7	58
118	Imaging features of gastrointestinal tract duplications in infants and children: from oesophagus to rectum. <i>Pediatric Radiology</i> , <b>2007</b> , 37, 691-9	2.8	54
117	Diagnostic accuracy of multidetector row computed tomography in T- and N staging of gastric cancer with histopathologic correlation. <i>Journal of Computer Assisted Tomography</i> , <b>2006</b> , 30, 372-7	2.2	52
116	Different perfusion pattern between acute and chronic pulmonary thromboembolism: evaluation with two-phase dual-energy perfusion CT. <i>American Journal of Roentgenology</i> , <b>2013</b> , 200, 812-7	5.4	49

115	Quantification and characterization of obstructive coronary plaques using 64-slice computed tomography: a comparison with intravascular ultrasound. <i>Journal of Computer Assisted Tomography</i> , <b>2009</b> , 33, 186-92	2.2	43
114	Evaluation of right ventricular volume and mass using retrospective ECG-gated cardiac multidetector computed tomography: comparison with first-pass radionuclide angiography. <i>European Radiology</i> , <b>2005</b> , 15, 1987-93	8	43
113	Efficacy of multidetector row computed tomography of the spine in patients with multiple myeloma: comparison with magnetic resonance imaging and fluorodeoxyglucose-positron emission tomography. <i>Journal of Computer Assisted Tomography</i> , <b>2007</b> , 31, 342-7	2.2	41
112	Correlation between EGFR gene mutation, cytologic tumor markers, 18F-FDG uptake in non-small cell lung cancer. <i>BMC Cancer</i> , <b>2016</b> , 16, 224	4.8	38
111	Additional value of dual-energy CT to differentiate between benign and malignant mediastinal tumors: an initial experience. <i>European Journal of Radiology</i> , <b>2013</b> , 82, 2043-9	4.7	38
110	Meaning of zero coronary calcium score in symptomatic patients referred for coronary computed tomographic angiography. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2012</b> , 13, 776-85	4.1	36
109	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> , <b>2013</b> , 112, 238-44	3	35
108	CT detection of subendocardial fat in myocardial infarction. <i>American Journal of Roentgenology</i> , <b>2009</b> , 192, 532-7	5.4	35
107	Delayed enhancement in hypertrophic cardiomyopathy: comparison with myocardial tagging MRI. <i>Journal of Magnetic Resonance Imaging</i> , <b>2008</b> , 27, 1054-60	5.6	35
106	Contrast-enhanced T1 mapping-based extracellular volume fraction independently predicts clinical outcome in patients with non-ischemic dilated cardiomyopathy: a prospective cohort study. <i>European Radiology</i> , <b>2017</b> , 27, 3924-3933	8	30
105	Myocardial Characterization Using Dual-Energy CT in Doxorubicin-Induced DCM: Comparison With CMR T1-Mapping and Histology in a Rabbit Model. <i>JACC: Cardiovascular Imaging</i> , <b>2016</b> , 9, 836-845	8.4	30
104	Automatic Tube Potential Selection with Tube Current Modulation (APSCM) in coronary CT angiography: Comparison of image quality and radiation dose with conventional body mass index-based protocol. <i>Journal of Cardiovascular Computed Tomography</i> , <b>2012</b> , 6, 184-90	2.8	30
103	Fibroblast growth factor receptor 1 gene amplification is associated with poor survival in patients with resected esophageal squamous cell carcinoma. <i>Oncotarget</i> , <b>2015</b> , 6, 2562-72	3.3	27
102	Utility of CT radiomics for prediction of PD-L1 expression in advanced lung adenocarcinomas. <i>Thoracic Cancer</i> , <b>2020</b> , 11, 993-1004	3.2	25
101	Extracellular volume fraction in dilated cardiomyopathy patients without obvious late gadolinium enhancement: comparison with healthy control subjects. <i>International Journal of Cardiovascular Imaging</i> , <b>2015</b> , 31 Suppl 1, 115-22	2.5	24
100	Utility of Dual-Energy CT-based Monochromatic Imaging in the Assessment of Myocardial Delayed Enhancement in Patients with Cardiomyopathy. <i>Radiology</i> , <b>2018</b> , 287, 442-451	20.5	24
99	Early Detection and Serial Monitoring of Anthracycline-Induced Cardiotoxicity Using T1-mapping Cardiac Magnetic Resonance Imaging: An Animal Study. <i>Scientific Reports</i> , <b>2017</b> , 7, 2663	4.9	24
98	Combined use of automatic tube potential selection with tube current modulation and iterative reconstruction technique in coronary CT angiography. <i>Radiology</i> , <b>2013</b> , 269, 722-9	20.5	23

97	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> , <b>2016</b> , 214, 454-60	3.2	22
96	Analysis of Complications of Percutaneous Transthoracic Needle Biopsy Using CT-Guidance Modalities In a Multicenter Cohort of 10568 Biopsies. <i>Korean Journal of Radiology</i> , <b>2019</b> , 20, 323-331	6.9	22
95	Assessment of Mitral Paravalvular Leakage After Mitral Valve Replacement Using Cardiac Computed Tomography: Comparison With Surgical Findings. <i>Circulation: Cardiovascular Imaging</i> , <b>2016</b> , 9,	3.9	21
94	A prospective phase II trial of S-1 and cisplatin-based chemoradiotherapy for locoregionally advanced esophageal cancer. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2014</b> , 73, 665-71	3.5	21
93	Dual-energy cardiac computed tomography for differentiating cardiac myxoma from thrombus. <i>International Journal of Cardiovascular Imaging</i> , <b>2014</b> , 30 Suppl 2, 121-8	2.5	21
92	Usefulness of FDG PET/CT in determining benign from malignant endobronchial obstruction. <i>European Radiology</i> , <b>2011</b> , 21, 1077-87	8	21
91	Dual-energy CT-based iodine quantification for differentiating pulmonary artery sarcoma from pulmonary thromboembolism: a pilot study. <i>European Radiology</i> , <b>2016</b> , 26, 3162-70	8	21
90	Nondiagnostic Percutaneous Transthoracic Needle Biopsy of Lung Lesions: A Multicenter Study of Malignancy Risk. <i>Radiology</i> , <b>2019</b> , 290, 814-823	20.5	21
89	Evaluation of coronary artery in-stent restenosis by 64-section computed tomography: factors affecting assessment and accurate diagnosis. <i>Journal of Thoracic Imaging</i> , <b>2010</b> , 25, 57-63	5.6	20
88	Assessment of myocardial delayed enhancement with cardiac computed tomography in cardiomyopathies: a prospective comparison with delayed enhancement cardiac magnetic resonance imaging. <i>International Journal of Cardiovascular Imaging</i> , <b>2017</b> , 33, 577-584	2.5	19
87	Volume-based quantification using dual-energy computed tomography in the differentiation of thymic epithelial tumours: an initial experience. <i>European Radiology</i> , <b>2017</b> , 27, 1992-2001	8	19
86	Predictors of Recurrent Stroke in Patients with Ischemic Stroke: Comparison Study between Transesophageal Echocardiography and Cardiac CT. <i>Radiology</i> , <b>2015</b> , 276, 381-9	20.5	18
85	Accuracy of CT for Selecting Candidates for Coronary Artery Bypass Graft Surgery: Combination with the SYNTAX Score. <i>Radiology</i> , <b>2015</b> , 276, 390-9	20.5	18
84	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> , <b>2011</b> , 27 Suppl 1, 89-95	2.5	18
83	Interatrial shunt detected in coronary computed tomography angiography: differential features of a patent foramen ovale and an atrial septal defect. <i>Journal of Computer Assisted Tomography</i> , <b>2008</b> , 32, 663-7	2.2	18
82	Cardiac CT Imaging for Ischemic Stroke: Current and Evolving Clinical Applications. <i>Radiology</i> , <b>2017</b> , 283, 14-28	20.5	17
81	Prognostic value of coronary computed tomography angiography in stroke patients. <i>Atherosclerosis</i> , <b>2015</b> , 238, 271-7	3.1	17
80	Acute Pulmonary Embolism: Retrospective Cohort Study of the Predictive Value of Perfusion Defect Volume Measured With Dual-Energy CT. <i>American Journal of Roentgenology</i> , <b>2017</b> , 209, 1015-1022	5.4	16

79	PIK3CA amplification is associated with poor prognosis among patients with curatively resected esophageal squamous cell carcinoma. <i>Oncotarget</i> , <b>2016</b> , 7, 30691-701	3.3	15
78	Dual-energy CT for differentiating acute and chronic pulmonary thromboembolism: an initial experience. <i>International Journal of Cardiovascular Imaging</i> , <b>2014</b> , 30 Suppl 2, 113-20	2.5	14
77	Additional diagnostic value of tumor markers in cytological fluid for diagnosis of non-small-cell lung cancer. <i>BMC Cancer</i> , <b>2012</b> , 12, 392	4.8	14
76	Use of contrast enhancement and high-resolution 3D black-blood MRI to identify inflammation in atherosclerosis. <i>JACC: Cardiovascular Imaging</i> , <b>2010</b> , 3, 1127-35	8.4	13
75	Accuracy of fluorodeoxyglucose-positron emission tomography for diagnosis of single bone metastasis: comparison with bone scintigraphy. <i>Journal of Computer Assisted Tomography</i> , <b>2007</b> , 31, 812-9 <sup>2</sup>	3.2	13
74	Prognostic value of SYNTAX score based on coronary computed tomography angiography. <i>International Journal of Cardiology</i> , <b>2015</b> , 199, 460-6	3.2	12
73	Transcatheter embolization of the middle sacral artery: collateral feeder in recurrent rectal bleeding. <i>American Journal of Roentgenology</i> , <b>2004</b> , 182, 1055-7	5.4	12
72	Diagnostic Accuracy of Percutaneous Transthoracic Needle Lung Biopsies: A Multicenter Study. <i>Korean Journal of Radiology</i> , <b>2019</b> , 20, 1300-1310	6.9	12
71	Respiratory dynamic magnetic resonance imaging for determining aortic invasion of thoracic neoplasms. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 148, 644-50	1.5	11
70	Measurement of Opening and Closing Angles of Aortic Valve Prostheses In Vivo Using Dual-Source Computed Tomography: Comparison with Those of Manufacturers Un 10 Different Types. <i>Korean Journal of Radiology</i> , <b>2015</b> , 16, 1012-23	6.9	11
69	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> , <b>2012</b> , 28 Suppl 2, 101-7	2.5	11
68	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> , <b>2011</b> , 6, 1330-5	8.9	10
67	Computed tomographic fluoroscopy-guided needle aspiration biopsy as a second biopsy technique after indeterminate transbronchial biopsy results for pulmonary lesions: comparison with second transbronchial biopsy. <i>Journal of Computer Assisted Tomography</i> , <b>2010</b> , 34, 290-5	2.2	10
66	Phase II clinical and exploratory biomarker study of dacomitinib in recurrent and/or metastatic esophageal squamous cell carcinoma. <i>Oncotarget</i> , <b>2015</b> , 6, 44971-84	3.3	10
65	Utility of cardiac computed tomography for evaluation of pannus in mechanical aortic valve. <i>International Journal of Cardiovascular Imaging</i> , <b>2015</b> , 31, 1271-80	2.5	9
64	Predictive factors for treatment response using dual-energy computed tomography in patients with advanced lung adenocarcinoma. <i>European Journal of Radiology</i> , <b>2018</b> , 101, 118-123	4.7	9
63	Lipiodol Iocalization for Ground-glass opacity mInimal Surgery: Rationale and design of the LOGIS trial. <i>Contemporary Clinical Trials</i> , <b>2015</b> , 43, 194-9	2.3	9
62	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> , <b>2015</b> , 41, 747-54	5.6	9

61	Assessment of the right ventricular function and mass using cardiac multi-detector computed tomography in patients with chronic obstructive pulmonary disease. <i>Korean Journal of Radiology</i> , <b>2007</b> , 8, 15-21	6.9	9
60	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> , <b>2018</b> , 8, 15334	4.9	9
59	Coronary artery anomalies: detection on coronary artery calcium scoring scan. <i>American Journal of Roentgenology</i> , <b>2010</b> , 194, W382-7	5.4	8
58	Myocardial Extracellular Volume Fraction and Change in Hematocrit Level: MR Evaluation by Using T1 Mapping in an Experimental Model of Anemia. <i>Radiology</i> , <b>2018</b> , 288, 93-98	20.5	7
57	Coronary computed tomography angiography for selecting coronary artery bypass graft surgery candidates. <i>Annals of Thoracic Surgery</i> , <b>2013</b> , 95, 1340-6	2.7	7
56	Stent-graft for TIPS in a hepatocellular carcinoma patient with main portal vein invasion. <i>American Journal of Roentgenology</i> , <b>2004</b> , 182, 1301-4	5.4	7
55	Planting Seeds into the Lung: Image-Guided Percutaneous Localization to Guide Minimally Invasive Thoracic Surgery. <i>Korean Journal of Radiology</i> , <b>2019</b> , 20, 1498-1514	6.9	7
54	Hook-wire localization versus lipiodol localization for patients with pulmonary lesions having ground-glass opacity. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2020</b> , 159, 1571-1579.e2	1.5	7
53	Feasibility of Single Scan for Simultaneous Evaluation of Regional Krypton and Iodine Concentrations with Dual-Energy CT: An Experimental Study. <i>Radiology</i> , <b>2016</b> , 281, 597-605	20.5	6
52	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> , <b>2014</b> , 30, 669-76	2.5	6
51	NSCLC subtype prediction using cytologic fluid specimens from needle aspiration biopsies. <i>American Journal of Clinical Pathology</i> , <b>2013</b> , 139, 309-16	1.9	6
50	Diagnostic accuracy of 64-slice multidetector computed tomography for selecting coronary artery bypass graft surgery candidates. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2011</b> , 141, 571-7	1.5	6
49	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> , <b>2016</b> , 206, 719-25	5.4	6
48	Absolute-Delay Multiphase Reconstruction Reduces Prosthetic Valve-Related and Atrial Fibrillation-Related Artifacts at Cardiac CT. <i>American Journal of Roentgenology</i> , <b>2017</b> , 208, W160-W167	5.4	5
47	Risk of Primary Spontaneous Pneumothorax According to Chest Configuration. <i>Thoracic and Cardiovascular Surgeon</i> , <b>2018</b> , 66, 583-588	1.6	5
46	Mechanism of mitral regurgitation in the acute phase of inferior wall myocardial infarction: reduced closing force as a consequence of left ventricular systolic dysfunction in the presence of tethering as a determinant of mitral regurgitation. <i>Circulation Journal</i> , <b>2011</b> , 75, 619-25	2.9	5
45	Radiologic findings of lung lobe torsion in reconstructed multidetector computed tomography image lead to early detection. <i>Clinical Imaging</i> , <b>2010</b> , 34, 400-3	2.7	5
44	Predictors of False-Negative Results from Percutaneous Transthoracic Fine-Needle Aspiration Biopsy: An Observational Study from a Retrospective Cohort. <i>Yonsei Medical Journal</i> , <b>2016</b> , 57, 1243-51	3	5

43	Dual-Energy CT for Pulmonary Embolism: Current and Evolving Clinical Applications. <i>Korean Journal of Radiology</i> , <b>2021</b> , 22, 1555-1568	6.9	5
42	Accuracy of computed tomography for selecting the revascularization method based on SYNTAX score II. <i>European Radiology</i> , <b>2018</b> , 28, 2151-2158	8	5
41	Prognostic value of coronary artery disease-reporting and data system (CAD-RADS) score for cardiovascular events in ischemic stroke. <i>Atherosclerosis</i> , <b>2019</b> , 287, 1-7	3.1	4
40	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> , <b>2018</b> , 13, e0190584	3.7	4
39	Anomalous great cardiac vein draining into the right atrium combined with a single left coronary artery. <i>International Journal of Cardiovascular Imaging</i> , <b>2013</b> , 29 Suppl 1, 53-6	2.5	4
38	Differentiation between mucus secretion and endoluminal tumors in the airway: analysis and comparison of CT findings. <i>American Journal of Roentgenology</i> , <b>2014</b> , 202, 982-8	5.4	4
37	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> , <b>2020</b> , 21, 1095-1103	6.9	4
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> , <b>2018</b> , 34, 293-300	2.5	4
35	Radiomics Feature Analysis Using Native T1 Mapping for Discriminating Between Cardiac Tumors and Thrombi. <i>Academic Radiology</i> , <b>2021</b> ,	4.3	4
34	Altered myocardial characteristics of the preexcited segment in Wolff-Parkinson-White syndrome: A pilot study with cardiac magnetic resonance imaging. <i>PLoS ONE</i> , <b>2018</b> , 13, e0198218	3.7	3
33	SYNTAX score based on coronary computed tomography angiography may have a prognostic value in patients with complex coronary artery disease: An observational study from a retrospective cohort. <i>Medicine (United States)</i> , <b>2017</b> , 96, e7999	1.8	3
32	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> , <b>2013</b> , 121, 214-22	3.9	3
31	Lack of association between stroke and left atrial out-pouching structures: results of a case-control study. <i>PLoS ONE</i> , <b>2013</b> , 8, e76617	3.7	3
30	Braid-like appearance of the coronary artery in Kawasaki disease: typical computed tomography and angiography findings. <i>European Heart Journal</i> , <b>2008</b> , 29, 2791	9.5	3
29	Images in cardiovascular medicine. Chronic cardiac transplant rejection: evaluation with magnetic resonance imaging. <i>Circulation</i> , <b>2008</b> , 118, 885-6	16.7	3
28	Factors affecting computed tomography image quality for assessment of mechanical aortic valves. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32 Suppl 1, 63-71	2.5	3
27	Hybrid Composite of Silver Nanoparticle-Porous Silicon Microparticles as an Image-Guided Localization Agent for Computed Tomography Scan of the Lungs. <i>ACS Biomaterials Science and Engineering</i> , <b>2020</b> , 6, 4390-4396	5.5	2
26	Effects of bismuth breast shielding on iodine quantification in dual-energy computed tomography: an experimental phantom study. <i>Acta Radiologica</i> , <b>2018</b> , 59, 1475-1481	2	2

25	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> , <b>2018</b> , 210, 43-51	5.4	2
24	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> , <b>2012</b> , 28, 353-63	2.5	2
23	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> , <b>2011</b> , 108, 536-40	3	2
22	Assessment of tissue characteristics of noncalcified coronary plaques by 64-slice computed tomography in comparison with integrated backscatter intravascular ultrasound. <i>Coronary Artery Disease</i> , <b>2010</b> , 21, 168-74	1.4	2
21	Aortic unfolding determined using non-contrast cardiac computed tomography: correlations with age and coronary artery calcium score. <i>PLoS ONE</i> , <b>2014</b> , 9, e95887	3.7	2
20	Technological Improvements in Cardiac Thrombus Diagnosis. <i>Cardiovascular Imaging Asia</i> , <b>2017</b> , 1, 166	0.2	2
19	Role of Cardiac Computed Tomography for Etiology Evaluation of Newly Diagnosed Heart Failure with Reduced Ejection Fraction. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	2
18	Predictive factors of recurrence after resection of subsolid clinical stage IA lung adenocarcinoma. <i>Thoracic Cancer</i> , <b>2021</b> , 12, 941-948	3.2	2
17	Ischemic Stroke: The Role of Cardiac CT. <i>Contemporary Medical Imaging</i> , <b>2019</b> , 635-645	0.1	1
16	Cardiotoxicity evaluation using magnetic resonance imaging in breast Cancer patients (CareBest): study protocol for a prospective trial. <i>BMC Cardiovascular Disorders</i> , <b>2020</b> , 20, 264	2.3	1
15	Prognostic impact of cytological fluid tumor markers in non-small cell lung cancer. <i>Tumor Biology</i> , <b>2016</b> , 37, 3205-13	2.9	1
14	The effect of pulmonary blood flow changes on oxygen-enhanced lung magnetic resonance imaging. <i>Magnetic Resonance in Medicine</i> , <b>2013</b> , 69, 1645-9	4.4	1
13	Anomalous origin of the left circumflex artery from the right coronary sinus with an interarterial course: diagnosis with multidetector row computed tomography. <i>Journal of Thoracic Imaging</i> , <b>2008</b> , 23, 142-4	5.6	1
12	Quantitative Assessment of Lung Volumes using Multi-detector Row Computed Tomography (MDCT) in Patients with Chronic Obstructive Pulmonary Disease (COPD). <i>Journal of the Korean Radiological Society</i> , <b>2008</b> , 59, 91		1
11	Serial T1 mapping of right ventricle in pulmonary hypertension: comparison with histology in an animal study. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 64	6.9	1
10	Incremental prognostic value of computed tomography in stroke: rationale and design of the IMPACTS study. <i>International Journal of Cardiovascular Imaging</i> , <b>2016</b> , 32 Suppl 1, 83-9	2.5	1
9	Regional Amyloid Burden Differences Evaluated Using Quantitative Cardiac MRI in Patients with Cardiac Amyloidosis. <i>Korean Journal of Radiology</i> , <b>2021</b> , 22, 880-889	6.9	1
8	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> , <b>2021</b> , 45, 395-402	2.2	0



7	Ultrahigh-field cardiovascular magnetic resonance T1 and T2 mapping for the assessment of anthracycline-induced cardiotoxicity in rat models: validation against histopathologic changes. <i>Journal of Cardiovascular Magnetic Resonance</i> , <b>2021</b> , 23, 76	6.9	o
6	Coronary CT Angiography CAD-RADS versus Coronary Artery Calcium Score in Patients with Acute Chest Pain. <i>Radiology</i> , <b>2021</b> , 301, 81-90	20.5	o
5	CT-based radiomics signature for differentiation between cardiac tumors and a thrombi: a retrospective, multicenter study.. <i>Scientific Reports</i> , <b>2022</b> , 12, 8173	4.9	o
4	LOGIS (LOcalization of Ground-glass-opacity and pulmonary lesions for mInimal Surgery) registry: Design and Rationale. <i>Contemporary Clinical Trials Communications</i> , <b>2018</b> , 9, 60-63	1.8	
3	Appropriate criteria for the use of cardiac computed tomography angiography in patients with high risk of coronary artery disease. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2013</b> , 14, 193-4	4.1	
2	Plaque Morphology Evaluation by CT <b>2015</b> , 73-89		
1	Response. <i>Chest</i> , <b>2018</b> , 154, 1464	5.3	