Young Joo Suh

List of Publications by Citations

90 papers	**1,227** citations	**20** h-index	**31** g-index
94 ext. papers	**1,738** ext. citations	**6.1** avg, IF	**4.55** L-index

#	Paper	IF	Citations
90	Pulmonary Embolism and Deep Vein Thrombosis in COVID-19: A Systematic Review and Meta-Analysis. *Radiology*, **2021**, 298, E70-E80	20.5	118
89	Myocardial T1 and T2 Mapping: Techniques and Clinical Applications. *Korean Journal of Radiology*, **2017**, 18, 113-131	6.9	94
88	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	20.5	79
87	Preoperative prediction of the microvascular invasion of hepatocellular carcinoma with diffusion-weighted imaging. *Liver Transplantation*, **2012**, 18, 1171-8	4.5	71
86	Differentiation of hepatic hyperintense lesions seen on gadoxetic acid-enhanced hepatobiliary phase MRI. *American Journal of Roentgenology*, **2011**, 197, W44-52	5.4	64
85	Correlation between EGFR gene mutation, cytologic tumor markers, 18F-FDG uptake in non-small cell lung cancer. *BMC Cancer*, **2016**, 16, 224	4.8	38
84	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	8	30
83	Myocardial Characterization Using Dual-Energy CT in Doxorubicin-Induced DCM: Comparison With CMR T1-Mapping and Histology in a Rabbit Model. *JACC: Cardiovascular Imaging*, **2016**, 9, 836-845	8.4	30
82	Utility of CT radiomics for prediction of PD-L1 expression in advanced lung adenocarcinomas. *Thoracic Cancer*, **2020**, 11, 993-1004	3.2	25
81	Extracellular volume fraction in dilated cardiomyopathy patients without obvious late gadolinium enhancement: comparison with healthy control subjects. *International Journal of Cardiovascular Imaging*, **2015**, 31 Suppl 1, 115-22	2.5	24
80	Utility of Dual-Energy CT-based Monochromatic Imaging in the Assessment of Myocardial Delayed Enhancement in Patients with Cardiomyopathy. *Radiology*, **2018**, 287, 442-451	20.5	24
79	Early Detection and Serial Monitoring of Anthracycline-Induced Cardiotoxicity Using T1-mapping Cardiac Magnetic Resonance Imaging: An Animal Study. *Scientific Reports*, **2017**, 7, 2663	4.9	24
78	Combined use of automatic tube potential selection with tube current modulation and iterative reconstruction technique in coronary CT angiography. *Radiology*, **2013**, 269, 722-9	20.5	23
77	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, 454-60	3.2	22
76	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, 323-331	6.9	22
75	Assessment of Mitral Paravalvular Leakage After Mitral Valve Replacement Using Cardiac Computed Tomography: Comparison With Surgical Findings. *Circulation: Cardiovascular Imaging*, **2016**, 9,	3.9	21
74	Dual-energy cardiac computed tomography for differentiating cardiac myxoma from thrombus. *International Journal of Cardiovascular Imaging*, **2014**, 30 Suppl 2, 121-8	2.5	21

73	Utility of thyroglobulin measurements in fine-needle aspirates of space occupying lesions in the thyroid bed after thyroid cancer operations. *Thyroid*, **2013**, 23, 280-8	6.2	21
72	Dual-energy CT-based iodine quantification for differentiating pulmonary artery sarcoma from pulmonary thromboembolism: a pilot study. *European Radiology*, **2016**, 26, 3162-70	8	21
71	Nondiagnostic Percutaneous Transthoracic Needle Biopsy of Lung Lesions: A Multicenter Study of Malignancy Risk. *Radiology*, **2019**, 290, 814-823	20.5	21
70	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	2.5	19
69	Volume-based quantification using dual-energy computed tomography in the differentiation of thymic epithelial tumours: an initial experience. *European Radiology*, **2017**, 27, 1992-2001	8	19
68	Predictors of Recurrent Stroke in Patients with Ischemic Stroke: Comparison Study between Transesophageal Echocardiography and Cardiac CT. *Radiology*, **2015**, 276, 381-9	20.5	18
67	Accuracy of CT for Selecting Candidates for Coronary Artery Bypass Graft Surgery: Combination with the SYNTAX Score. *Radiology*, **2015**, 276, 390-9	20.5	18
66	Prognostic value of coronary computed tomography angiography in stroke patients. *Atherosclerosis*, **2015**, 238, 271-7	3.1	17
65	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, 1082-90	1.5	16
64	Acute Adverse Reactions to Nonionic Iodinated Contrast Media: A Meta-Analysis. *Investigative Radiology*, **2019**, 54, 589-599	10.1	14
63	Computed tomography characteristics of lung adenocarcinomas with epidermal growth factor receptor mutation: A propensity score matching study. *Lung Cancer*, **2018**, 123, 52-59	5.9	13
62	Adverse Initial CT Findings Associated with Poor Prognosis of Coronavirus Disease. *Journal of Korean Medical Science*, **2020**, 35, e316	4.7	13
61	Value of Computed Tomography Radiomic Features for Differentiation of Periprosthetic Mass in Patients With Suspected Prosthetic Valve Obstruction. *Circulation: Cardiovascular Imaging*, **2019**, 12, e009496	3.9	13
60	A Novel Algorithm to Differentiate Between Multiple Primary Lung Cancers and Intrapulmonary Metastasis in Multiple Lung Cancers With Multiple Pulmonary Sites of Involvement. *Journal of Thoracic Oncology*, **2020**, 15, 203-215	8.9	13
59	Prognostic value of SYNTAX score based on coronary computed tomography angiography. *International Journal of Cardiology*, **2015**, 199, 460-6	3.2	12
58	Added prognostic value of CT characteristics and IASLC/ATS/ERS histologic subtype in surgically resected lung adenocarcinomas. *Lung Cancer*, **2018**, 120, 130-136	5.9	12
57	Value of ultrasound for postoperative surveillance of asian patients with history of breast cancer surgery: a single-center study. *Annals of Surgical Oncology*, **2013**, 20, 3461-8	3.1	12
56	Diagnostic Accuracy of Percutaneous Transthoracic Needle Lung Biopsies: A Multicenter Study. *Korean Journal of Radiology*, **2019**, 20, 1300-1310	6.9	12

55	Respiratory dynamic magnetic resonance imaging for determining aortic invasion of thoracic neoplasms. *Journal of Thoracic and Cardiovascular Surgery*, **2014**, 148, 644-50	1.5	11
54	Measurement of Opening and Closing Angles of Aortic Valve Prostheses In Vivo Using Dual-Source Computed Tomography: Comparison with Those of ManufacturersSin 10 Different Types. *Korean Journal of Radiology*, **2015**, 16, 1012-23	6.9	11
53	Fine-needle aspirates CYFRA 21-1 is a useful tumor marker for detecting axillary lymph node metastasis in breast cancer patients. *PLoS ONE*, **2013**, 8, e57248	3.7	10
52	Utility of cardiac computed tomography for evaluation of pannus in mechanical aortic valve. *International Journal of Cardiovascular Imaging*, **2015**, 31, 1271-80	2.5	9
51	Predictive factors for treatment response using dual-energy computed tomography in patients with advanced lung adenocarcinoma. *European Journal of Radiology*, **2018**, 101, 118-123	4.7	9
50	Quantitative Analysis of a Whole Cardiac Mass Using Dual-Energy Computed Tomography: Comparison with Conventional Computed Tomography and Magnetic Resonance Imaging. *Scientific Reports*, **2018**, 8, 15334	4.9	9
49	Characteristics of COVID-19 Patients Who Progress to Pneumonia on Follow-Up Chest Radiograph: 236 Patients from a Single Isolated Cohort in Daegu, South Korea. *Korean Journal of Radiology*, **2020**, 21, 1265-1272	6.9	8
48	Measurement of Multiple Solid Portions in Part-Solid Nodules for T Categorization: Evaluation of Prognostic Implication. *Journal of Thoracic Oncology*, **2018**, 13, 1864-1872	8.9	8
47	Myocardial Extracellular Volume Fraction and Change in Hematocrit Level: MR Evaluation by Using T1 Mapping in an Experimental Model of Anemia. *Radiology*, **2018**, 288, 93-98	20.5	7
46	Diagnostic Value of Advanced ImagingModalities for the Detectionand Differentiation of Prosthetic ValveObstruction: A Systematic Review and Meta-Analysis. *JACC: Cardiovascular Imaging*, **2019**, 12, 2182-2192	8.4	7
45	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	8	7
44	Prevalence of abnormal cardiovascular magnetic resonance findings in recovered patients from COVID-19: a systematic review and meta-analysis. *Journal of Cardiovascular Magnetic Resonance*, **2021**, 23, 100	6.9	7
43	The clinical significance of perivalvular pannus in prosthetic mitral valves: Can cardiac CT be helpful?. *International Journal of Cardiology*, **2017**, 249, 344-348	3.2	6
42	Utility of Cardiac CT for Preoperative Evaluation of Mitral Regurgitation: Morphological Evaluation of Mitral Valve and Prediction of Valve Replacement. *Korean Journal of Radiology*, **2019**, 20, 352-363	6.9	6
41	Coronary artery calcium severity grading on non-ECG-gated low-dose chest computed tomography: a multiple-observer study in a nationwide lung cancer screening registry. *European Radiology*, **2020**, 30, 3684-3691	8	6
40	Feasibility of Single Scan for Simultaneous Evaluation of Regional Krypton and Iodine Concentrations with Dual-Energy CT: An Experimental Study. *Radiology*, **2016**, 281, 597-605	20.5	6
39	Tumor markers in fine-needle aspiration washout for cervical lymphadenopathy in patients with known malignancy: preliminary study. *American Journal of Roentgenology*, **2011**, 197, W730-6	5.4	6
38	2020 Clinical Practice Guideline for Percutaneous Transthoracic Needle Biopsy of Pulmonary Lesions: A Consensus Statement and Recommendations of the Korean Society of Thoracic Radiology. *Korean Journal of Radiology*, **2021**, 22, 263-280	6.9	6

37	Absolute-Delay Multiphase Reconstruction Reduces Prosthetic Valve-Related and Atrial Fibrillation-Related Artifacts at Cardiac CT. *American Journal of Roentgenology*, **2017**, 208, W160-W167	5.4	5
36	Utility of FDG PET/CT for Preoperative Staging of Non-Small Cell Lung Cancers Manifesting as Subsolid Nodules With a Solid Portion of 3 cm or Smaller. *American Journal of Roentgenology*, **2020**, 214, 514-523	5.4	5
35	Predictors of False-Negative Results from Percutaneous Transthoracic Fine-Needle Aspiration Biopsy: An Observational Study from a Retrospective Cohort. *Yonsei Medical Journal*, **2016**, 57, 1243-51	3	5
34	Prognostic value of coronary artery disease-reporting and data system (CAD-RADS) score for cardiovascular events in ischemic stroke. *Atherosclerosis*, **2019**, 287, 1-7	3.1	4
33	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	3.7	4
32	Cardiac CT for Measurement of Right Ventricular Volume and Function in Comparison with Cardiac MRI: A Meta-Analysis. *Korean Journal of Radiology*, **2020**, 21, 450-461	6.9	4
31	Prognostic Value of Dual-Energy CT-Based Iodine Quantification versus Conventional CT in Acute Pulmonary Embolism: A Propensity-Match Analysis. *Korean Journal of Radiology*, **2020**, 21, 1095-1103	6.9	4
30	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, 334-343	6.9	4
29	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. *International Journal of Cardiovascular Imaging*, **2018**, 34, 293-300	2.5	4
28	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	2.8	3
27	Novel Pulmonary Artery Reduction Plasty for Pulmonary Artery Aneurysm With Pulmonary Arterial Hypertension. *World Journal for Pediatric & Congenital Heart Surgery*, **2016**, 7, 96-9	1.1	3
26	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. *Medicine (United States)*, **2017**, 96, e7999	1.8	3
25	Development of a deep learning-based algorithm for the automatic detection and quantification of aortic valve calcium. *European Journal of Radiology*, **2021**, 137, 109582	4.7	3
24	Factors affecting computed tomography image quality for assessment of mechanical aortic valves. *International Journal of Cardiovascular Imaging*, **2016**, 32 Suppl 1, 63-71	2.5	3
23	Reliability of Coronary Artery Calcium Severity Assessment on Non-Electrocardiogram-Gated CT: A Meta-Analysis. *Korean Journal of Radiology*, **2021**, 22, 1034-1043	6.9	3
22	Tricuspid annular diameter and right ventricular volume on preoperative cardiac CT can predict postoperative right ventricular dysfunction in patients who undergo tricuspid valve surgery. *International Journal of Cardiology*, **2019**, 288, 44-50	3.2	2
21	Increased 18F-FDG uptake by a retroperitoneal mature cystic teratoma in an infant. *Clinical Nuclear Medicine*, **2014**, 39, 352-4	1.7	2
20	Contemporary Multimodality Imaging for Cardiovascular Behçet Disease. *JACC: Cardiovascular Imaging*, **2020**, 13, 2435-2444	8.4	2

#	Title	Impact	Citations
19	Role of Cardiac Computed Tomography for Etiology Evaluation of Newly Diagnosed Heart Failure with Reduced Ejection Fraction. *Journal of Clinical Medicine*, **2020**, 9,	5.1	2
18	Structural and Functional Characteristics of Mitral Paravalvular Leakage Identified by Multimodal Imaging and Their Implication on Clinical Presentation. *Journal of Clinical Medicine*, **2021**, 10,	5.1	2
17	Characteristics and Implications of Left Atrial Calcium on Cardiac Computed Tomography in Patients With Earlier Mitral Valve Operation. *American Journal of Cardiology*, **2020**, 128, 60-66	3	1
16	Prognostic impact of cytological fluid tumor markers in non-small cell lung cancer. *Tumor Biology*, **2016**, 37, 3205-13	2.9	1
15	HER2 expression in fine needle aspirates of lymph nodes detected by preoperative axillary ultrasound in breast cancer patients. *PLoS ONE*, **2014**, 9, e113065	3.7	1
14	Quality assessment of radiomics research in cardiac CT: a systematic review.. *European Radiology*, **2022**, 1	8	1
13	Comparison of artery-based methods for ordinal grading of coronary artery calcium on low-dose chest computed tomography. *European Radiology*, **2021**, 31, 8108-8115	8	1
12	Serial T1 mapping of right ventricle in pulmonary hypertension: comparison with histology in an animal study. *Journal of Cardiovascular Magnetic Resonance*, **2021**, 23, 64	6.9	1
11	Implication of total tumor size on the prognosis of patients with clinical stage IA lung adenocarcinomas appearing as part-solid nodules: Does only the solid portion size matter?. *European Radiology*, **2019**, 29, 1586-1594	8	1
10	Usefulness of cardiac magnetic resonance images for prediction of sudden cardiac arrest in patients with mitral valve prolapse: a multicenter retrospective cohort study. *BMC Cardiovascular Disorders*, **2021**, 21, 546	2.3	0
9	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	2.2	0
8	Quality of science and reporting for radiomics in cardiac magnetic resonance imaging studies: a systematic review.. *European Radiology*, **2022**, 1	8	0
7	Synthetic contrast-enhanced computed tomography generation using a deep convolutional neural network for cardiac substructure delineation in breast cancer radiation therapy: a feasibility study.. *Radiation Oncology*, **2022**, 17, 83	4.2	0
6	Feasibility of Aortic Annular Measurements Using Noncontrast-Enhanced Cardiac Computed Tomography in Preprocedural Evaluation of Transcatheter Aortic Valve Replacement: A Comparison With Contrast-Enhanced Computed Tomography.. *Journal of Computer Assisted Tomography*, **2022**, 46, 50-55	2.2	
5	Clinical Value of Cardiovascular Calcifications on Non-Enhanced, Non-ECG-Gated Chest CT. *Journal of the Korean Society of Radiology*, **2020**, 81, 324	0.2	
4	Reply to letter "Prognostic value of computed tomography based SYNTAX score in coronary artery disease". *International Journal of Cardiology*, **2016**, 203, 1013	3.2	
3	Lung cancer detected on coronary artery calcium scoring computed tomography: factors delaying diagnosis and predictors of survival. *Acta Radiologica*, **2019**, 60, 1118-1126	2	
2	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.. *Journal of Cardiovascular Magnetic Resonance*, **2022**, 24, 28	6.9	

List of Publications

1	Progostic value of coronary artery calcium scores from 1.5 mm slice reconstructions of electrocardiogram-gated computed tomography scans in asymptomatic individuals.. *Scientific Reports*, **2022**, 12, 7198	4.9