

Young Joo Suh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Quality assessment of radiomics research in cardiac CT: a systematic review.. <i>European Radiology</i> , 2022 , 1	8	1
89	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.. <i>Journal of Computer Assisted Tomography</i> , 2022 , 46, 50-55	2.2	
88	Quality of science and reporting for radiomics in cardiac magnetic resonance imaging studies: a systematic review.. <i>European Radiology</i> , 2022 , 1	8	0
87	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	6.9	
86	Synthetic contrast-enhanced computed tomography generation using a deep convolutional neural network for cardiac substructure delineation in breast cancer radiation therapy: a feasibility study.. <i>Radiation Oncology</i> , 2022 , 17, 83	4.2	0
85	Prognostic value of coronary artery calcium scores from 1.5mm slice reconstructions of electrocardiogram-gated computed tomography scans in asymptomatic individuals.. <i>Scientific Reports</i> , 2022 , 12, 7198	4.9	
84	Usefulness of cardiac magnetic resonance images for prediction of sudden cardiac arrest in patients with mitral valve prolapse: a multicenter retrospective cohort study. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 546	2.3	0
83	Comparison of artery-based methods for ordinal grading of coronary artery calcium on low-dose chest computed tomography. <i>European Radiology</i> , 2021 , 31, 8108-8115	8	1
82	Development of a deep learning-based algorithm for the automatic detection and quantification of aortic valve calcium. <i>European Journal of Radiology</i> , 2021 , 137, 109582	4.7	3
81	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	6.9	1
80	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	2.2	0
79	Pulmonary Embolism and Deep Vein Thrombosis in COVID-19: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2021 , 298, E70-E80	20.5	118
78	Differentiation of left atrial appendage thrombus from circulatory stasis using cardiac CT radiomics in patients with valvular heart disease. <i>European Radiology</i> , 2021 , 31, 1130-1139	8	7
77	Reliability of Coronary Artery Calcium Severity Assessment on Non-Electrocardiogram-Gated CT: A Meta-Analysis. <i>Korean Journal of Radiology</i> , 2021 , 22, 1034-1043	6.9	3
76	Performance of Prediction Models for Diagnosing Severe Aortic Stenosis Based on Aortic Valve Calcium on Cardiac Computed Tomography: Incorporation of Radiomics and Machine Learning. <i>Korean Journal of Radiology</i> , 2021 , 22, 334-343	6.9	4
75	Structural and Functional Characteristics of Mitral Paravalvular Leakage Identified by Multimodal Imaging and Their Implication on Clinical Presentation. <i>Journal of Clinical Medicine</i> , 2021 , 10,	5.1	2
74	2020 Clinical Practice Guideline for Percutaneous Transthoracic Needle Biopsy of Pulmonary Lesions: A Consensus Statement and Recommendations of the Korean Society of Thoracic Radiology. <i>Korean Journal of Radiology</i> , 2021 , 22, 263-280	6.9	6

73	Prevalence of abnormal cardiovascular magnetic resonance findings in recovered patients from COVID-19: a systematic review and meta-analysis. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 100	6.9	7
72	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. <i>European Radiology</i> , 2020 , 30, 3684-3691	8	6
71	Characteristics and Implications of Left Atrial Calcium on Cardiac Computed Tomography in Patients With Earlier Mitral Valve Operation. <i>American Journal of Cardiology</i> , 2020 , 128, 60-66	3	1
70	Utility of CT radiomics for prediction of PD-L1 expression in advanced lung adenocarcinomas. <i>Thoracic Cancer</i> , 2020 , 11, 993-1004	3.2	25
69	Adverse Initial CT Findings Associated with Poor Prognosis of Coronavirus Disease. <i>Journal of Korean Medical Science</i> , 2020 , 35, e316	4.7	13
68	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, 450-461	6.9	4
67	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, 1095-1103	6.9	4
66	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. <i>Korean Journal of Radiology</i> , 2020 , 21, 1265-1272	6.9	8
65	Clinical Value of Cardiovascular Calcifications on Non-Enhanced, Non-ECG-Gated Chest CT. <i>Journal of the Korean Society of Radiology</i> , 2020 , 81, 324	0.2	
64	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. <i>American Journal of Roentgenology</i> , 2020 , 214, 514-523	5.4	5
63	Contemporary Multimodality Imaging for Cardiovascular Behçt Disease. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2435-2444	8.4	2
62	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,	5.1	2
61	A Novel Algorithm to Differentiate Between Multiple Primary Lung Cancers and Intrapulmonary Metastasis in Multiple Lung Cancers With Multiple Pulmonary Sites of Involvement. <i>Journal of Thoracic Oncology</i> , 2020 , 15, 203-215	8.9	13
60	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	3.1	4
59	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, 352-363	6.9	6
58	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	3.2	2
57	Diagnostic Accuracy of Percutaneous Transthoracic Needle Lung Biopsies: A Multicenter Study. <i>Korean Journal of Radiology</i> , 2019 , 20, 1300-1310	6.9	12
56	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> , 2019 , 20, 323-331	6.9	22

55	Diagnostic Value of Advanced Imaging Modalities for the Detection and Differentiation of Prosthetic Valve Obstruction: A Systematic Review and Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , 2019 , 12, 2182-2192	8.4	7
54	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	3.9	13
53	Acute Adverse Reactions to Nonionic Iodinated Contrast Media: A Meta-Analysis. <i>Investigative Radiology</i> , 2019 , 54, 589-599	10.1	14
52	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?. <i>European Radiology</i> , 2019 , 29, 1586-1594	8	1
51	Nondiagnostic Percutaneous Transthoracic Needle Biopsy of Lung Lesions: A Multicenter Study of Malignancy Risk. <i>Radiology</i> , 2019 , 290, 814-823	20.5	21
50	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	2	
49	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	4.7	9
48	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	20.5	7
47	Added prognostic value of CT characteristics and IASLC/ATS/ERS histologic subtype in surgically resected lung adenocarcinomas. <i>Lung Cancer</i> , 2018 , 120, 130-136	5.9	12
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	20.5	24
45	Computed tomography characteristics of lung adenocarcinomas with epidermal growth factor receptor mutation: A propensity score matching study. <i>Lung Cancer</i> , 2018 , 123, 52-59	5.9	13
44	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	3.7	4
43	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	2.5	4
42	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	4.9	9
41	Measurement of Multiple Solid Portions in Part-Solid Nodules for T Categorization: Evaluation of Prognostic Implication. <i>Journal of Thoracic Oncology</i> , 2018 , 13, 1864-1872	8.9	8
40	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	5.4	5
39	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> , 2017 , 27, 3924-3933	8	30
38	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> , 2017 , 33, 577-584	2.5	19

37	The clinical significance of perivalvular pannus in prosthetic mitral valves: Can cardiac CT be helpful?. <i>International Journal of Cardiology</i> , 2017 , 249, 344-348	3.2	6
36	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	2.8	3
35	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> , 2017 , 96, e7999	1.8	3
34	Early Detection and Serial Monitoring of Anthracycline-Induced Cardiotoxicity Using T1-mapping Cardiac Magnetic Resonance Imaging: An Animal Study. <i>Scientific Reports</i> , 2017 , 7, 2663	4.9	24
33	Volume-based quantification using dual-energy computed tomography in the differentiation of thymic epithelial tumours: an initial experience. <i>European Radiology</i> , 2017 , 27, 1992-2001	8	19
32	Myocardial T1 and T2 Mapping: Techniques and Clinical Applications. <i>Korean Journal of Radiology</i> , 2017 , 18, 113-131	6.9	94
31	Assessment of Mitral Paravalvular Leakage After Mitral Valve Replacement Using Cardiac Computed Tomography: Comparison With Surgical Findings. <i>Circulation: Cardiovascular Imaging</i> , 2016 , 9,	3.9	21
30	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	20.5	79
29	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	20.5	6
28	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> , 2016 , 9, 836-845	8.4	30
27	Novel Pulmonary Artery Reduction Plasty for Pulmonary Artery Aneurysm With Pulmonary Arterial Hypertension. <i>World Journal for Pediatric & Congenital Heart Surgery</i> , 2016 , 7, 96-9	1.1	3
26	Prognostic impact of cytological fluid tumor markers in non-small cell lung cancer. <i>Tumor Biology</i> , 2016 , 37, 3205-13	2.9	1
25	Correlation between EGFR gene mutation, cytologic tumor markers, 18F-FDG uptake in non-small cell lung cancer. <i>BMC Cancer</i> , 2016 , 16, 224	4.8	38
24	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, 1243-51	3	5
23	Reply to letter "Prognostic value of computed tomography based SYNTAX score in coronary artery disease". <i>International Journal of Cardiology</i> , 2016 , 203, 1013	3.2	
22	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, 454-60	3.2	22
21	Dual-energy CT-based iodine quantification for differentiating pulmonary artery sarcoma from pulmonary thromboembolism: a pilot study. <i>European Radiology</i> , 2016 , 26, 3162-70	8	21
20	Factors affecting computed tomography image quality for assessment of mechanical aortic valves. <i>International Journal of Cardiovascular Imaging</i> , 2016 , 32 Suppl 1, 63-71	2.5	3

19	Assessment of mitral annuloplasty ring by cardiac computed tomography: Correlation with echocardiographic parameters and comparison between two different ring types. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2015 , 150, 1082-90	1.5	16
18	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 Suppl 1, 115-22	2.5	24
17	Predictors of Recurrent Stroke in Patients with Ischemic Stroke: Comparison Study between Transesophageal Echocardiography and Cardiac CT. <i>Radiology</i> , 2015 , 276, 381-9	20.5	18
16	Prognostic value of SYNTAX score based on coronary computed tomography angiography. <i>International Journal of Cardiology</i> , 2015 , 199, 460-6	3.2	12
15	Accuracy of CT for Selecting Candidates for Coronary Artery Bypass Graft Surgery: Combination with the SYNTAX Score. <i>Radiology</i> , 2015 , 276, 390-9	20.5	18
14	Utility of cardiac computed tomography for evaluation of pannus in mechanical aortic valve. <i>International Journal of Cardiovascular Imaging</i> , 2015 , 31, 1271-80	2.5	9
13	Prognostic value of coronary computed tomography angiography in stroke patients. <i>Atherosclerosis</i> , 2015 , 238, 271-7	3.1	17
12	Measurement of Opening and Closing Angles of Aortic Valve Prostheses In Vivo Using Dual-Source Computed Tomography: Comparison with Those of Manufacturers Sin 10 Different Types. <i>Korean Journal of Radiology</i> , 2015 , 16, 1012-23	6.9	11
11	Respiratory dynamic magnetic resonance imaging for determining aortic invasion of thoracic neoplasms. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014 , 148, 644-50	1.5	11
10	HER2 expression in fine needle aspirates of lymph nodes detected by preoperative axillary ultrasound in breast cancer patients. <i>PLoS ONE</i> , 2014 , 9, e113065	3.7	1
9	Dual-energy cardiac computed tomography for differentiating cardiac myxoma from thrombus. <i>International Journal of Cardiovascular Imaging</i> , 2014 , 30 Suppl 2, 121-8	2.5	21
8	Increased 18F-FDG uptake by a retroperitoneal mature cystic teratoma in an infant. <i>Clinical Nuclear Medicine</i> , 2014 , 39, 352-4	1.7	2
7	Value of ultrasound for postoperative surveillance of asian patients with history of breast cancer surgery: a single-center study. <i>Annals of Surgical Oncology</i> , 2013 , 20, 3461-8	3.1	12
6	Combined use of automatic tube potential selection with tube current modulation and iterative reconstruction technique in coronary CT angiography. <i>Radiology</i> , 2013 , 269, 722-9	20.5	23
5	Utility of thyroglobulin measurements in fine-needle aspirates of space occupying lesions in the thyroid bed after thyroid cancer operations. <i>Thyroid</i> , 2013 , 23, 280-8	6.2	21
4	Fine-needle aspirates CYFRA 21-1 is a useful tumor marker for detecting axillary lymph node metastasis in breast cancer patients. <i>PLoS ONE</i> , 2013 , 8, e57248	3.7	10
3	Preoperative prediction of the microvascular invasion of hepatocellular carcinoma with diffusion-weighted imaging. <i>Liver Transplantation</i> , 2012 , 18, 1171-8	4.5	71
2	Tumor markers in fine-needle aspiration washout for cervical lymphadenopathy in patients with known malignancy: preliminary study. <i>American Journal of Roentgenology</i> , 2011 , 197, W730-6	5.4	6

- 1 Differentiation of hepatic hyperintense lesions seen on gadoxetic acid-enhanced hepatobiliary phase MRI. *American Journal of Roentgenology*, **2011**, 197, W44-52 5-4 64