Young Joo Suh

List of Publications by Year
in descending order

92 papers	2,185 citations	257429 24 h-index	276858 41 g-index
94 all docs	94 docs citations	94 times ranked	3216 citing authors

#	Article	IF	Citations
1	Pulmonary Embolism and Deep Vein Thrombosis in COVID-19: A Systematic Review and Meta-Analysis. Radiology, 2021, 298, E70-E80.	7.3	332
2	Myocardial T1 and T2 Mapping: Techniques and Clinical Applications. Korean Journal of Radiology, 2017, 18, 113.	3.4	147
3	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
4	Preoperative prediction of the microvascular invasion of hepatocellular carcinoma with diffusion-weighted imaging. Liver Transplantation, 2012, 18, 1171-1178.	2.4	86
5	Differentiation of Hepatic Hyperintense Lesions Seen on Gadoxetic Acid–Enhanced Hepatobiliary Phase MRI. American Journal of Roentgenology, 2011, 197, W44-W52.	2.2	72
6	Utility of CT radiomics for prediction of PD‑L1 expression in advanced lung adenocarcinomas. Thoracic Cancer, 2020, 11, 993-1004.	1.9	56
7	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
8	Myocardial Characterization Using Dual-Energy CT in Doxorubicin-Induced DCM. JACC: Cardiovascular Imaging, 2016, 9, 836-845.	5.3	48
9	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
10	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
11	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
12	Nondiagnostic Percutaneous Transthoracic Needle Biopsy of Lung Lesions: A Multicenter Study of Malignancy Risk. Radiology, 2019, 290, 814-823.	7.3	42
13	Diagnostic Accuracy of Percutaneous Transthoracic Needle Lung Biopsies: A Multicenter Study. Korean Journal of Radiology, 2019, 20, 1300.	3.4	42
14	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.	1.1	38
15	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
16	Acute Adverse Reactions to Nonionic Iodinated Contrast Media. Investigative Radiology, 2019, 54, 589-599.	6.2	34
17	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
18	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.	3.4	31

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19	Adverse Initial CT Findings Associated with Poor Prognosis of Coronavirus Disease. Journal of Korean Medical Science, 2020, 35, e316.	2.5	30
20	Extracellular volume fraction in dilated cardiomyopathy patients without obvious late gadolinium enhancement: comparison with healthy control subjects. International Journal of Cardiovascular Imaging, 2015, 31, 115-122.	1.5	29
21	Assessment of Mitral Paravalvular Leakage After Mitral Valve Replacement Using Cardiac Computed Tomography. Circulation: Cardiovascular Imaging, 2016, 9, .	2.6	29
22	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.	3.3	29
23	Combined Use of Automatic Tube Potential Selection with Tube Current Modulation and Iterative Reconstruction Technique in Coronary CT Angiography. Radiology, 2013, 269, 722-729.	7.3	27
24	Dual-energy cardiac computed tomography for differentiating cardiac myxoma from thrombus. International Journal of Cardiovascular Imaging, 2014, 30, 121-128.	1.5	27
25	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
26	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
27	Utility of Thyroglobulin Measurements in Fine-Needle Aspirates of Space Occupying Lesions in the Thyroid Bed After Thyroid Cancer Operations. Thyroid, 2013, 23, 280-288.	4.5	25
28	Prognostic value of coronary computed tomography angiography in stroke patients. Atherosclerosis, 2015, 238, 271-277.	0.8	25
29	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
30	Accuracy of CT for Selecting Candidates for Coronary Artery Bypass Graft Surgery: Combination with the SYNTAX Score. Radiology, 2015, 276, 390-399.	7.3	23
31	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
32	Value of Computed Tomography Radiomic Features for Differentiation of Periprosthetic Mass in Patients With Suspected Prosthetic Valve Obstruction. Circulation: Cardiovascular Imaging, 2019, 12, e009496.	2.6	21
33	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
34	Computed tomography characteristics of lung adenocarcinomas with epidermal growth factor receptor mutation: A propensity score matching study. Lung Cancer, 2018, 123, 52-59.	2.0	19
35	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.	3.4	19
36	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

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37	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.	3.4	18
38	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
39	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
40	Diagnostic Value of Advanced Imaging Modalities for the Detection and Differentiation of Prosthetic Valve Obstruction. JACC: Cardiovascular Imaging, 2019, 12, 2182-2192.	5.3	17
41	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, 3461-3468.	1.5	16
42	Respiratory dynamic magnetic resonance imaging for determining aortic invasion of thoracic neoplasms. Journal of Thoracic and Cardiovascular Surgery, 2014, 148, 644-650.	0.8	16
43	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.	3.3	16
44	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.	4.5	16
45	Measurement of Opening and Closing Angles of Aortic Valve Prostheses *In Vivo* Using Dual-Source Computed Tomography: Comparison with Those of Manufacturers' in 10 Different Types. Korean Journal of Radiology, 2015, 16, 1012.	3.4	15
46	Prognostic value of SYNTAX score based on coronary computed tomography angiography. International Journal of Cardiology, 2015, 199, 460-466.	1.7	15
47	Added prognostic value of CT characteristics and IASLC/ATS/ERS histologic subtype in surgically resected lung adenocarcinomas. Lung Cancer, 2018, 120, 130-136.	2.0	15
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.	1.1	14
49	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.	2.5	13
50	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.	7.3	13
51	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
52	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
53	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
54	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.	2.2	12

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55	Utility of cardiac computed tomography for evaluation of pannus in mechanical aortic valve. International Journal of Cardiovascular Imaging, 2015, 31, 1271-1280.	1.5	10
56	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.	1.7	10
57	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
58	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
59	Role of Cardiac Computed Tomography for Etiology Evaluation of Newly Diagnosed Heart Failure with Reduced Ejection Fraction. Journal of Clinical Medicine, 2020, 9, 2270.	2.4	9
60	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.	3.4	9
61	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.	7.3	8
62	Tumor Markers in Fine-Needle Aspiration Washout for Cervical Lymphadenopathy in Patients With Known Malignancy: Preliminary Study. American Journal of Roentgenology, 2011, 197, W730-W736.	2.2	7
63	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.	2.2	7
64	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
65	Reliability of Coronary Artery Calcium Severity Assessment on Non-Electrocardiogram-Gated CT: A Meta-Analysis. Korean Journal of Radiology, 2021, 22, 1034.	3.4	7
66	Quality of science and reporting for radiomics in cardiac magnetic resonance imaging studies: a systematic review. European Radiology, 2022, 32, 4361-4373.	4.5	7
67	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
68	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.	3.4	6
69	Quality assessment of radiomics research in cardiac CT: a systematic review. European Radiology, 2022, , 1.	4.5	6
70	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.	1.5	5
71	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
72	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

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73	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.	2.7	5
74	Novel Pulmonary Artery Reduction Plasty for Pulmonary Artery Aneurysm With Pulmonary Arterial Hypertension. World Journal for Pediatric & Congenital Heart Surgery, 2016, 7, 96-99.	0.8	4
75	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.	1.7	4
76	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.	4.5	4
77	Structural and Functional Characteristics of Mitral Paravalvular Leakage Identified by Multimodal Imaging and Their Implication on Clinical Presentation. Journal of Clinical Medicine, 2021, 10, 222.	2.4	4
78	Increased 18F-FDG Uptake by a Retroperitoneal Mature Cystic Teratoma in an Infant. Clinical Nuclear Medicine, 2014, 39, 352-354.	1.3	3
79	Factors affecting computed tomography image quality for assessment of mechanical aortic valves. International Journal of Cardiovascular Imaging, 2016, 32, 63-71.	1.5	3
80	Prognostic impact of cytological fluid tumor markers in non-small cell lung cancer. Tumor Biology, 2016, 37, 3205-3213.	1.8	3
81	Contemporary Multimodality Imaging for Cardiovascular BehÃ§et Disease. JACC: Cardiovascular Imaging, 2020, 13, 2435-2444.	5.3	2
82	Prognostic value of coronary artery calcium scores from 1.5Âmm slice reconstructions of electrocardiogram-gated computed tomography scans in asymptomatic individuals. Scientific Reports, 2022, 12, 7198.	3.3	2
83	Phantom-based correction for standardization of myocardial native T1 and extracellular volume fraction in healthy subjects at 3-Tesla cardiac magnetic resonance imaging. European Radiology, 0, , .	4.5	2
84	HER2 Expression in Fine Needle Aspirates of Lymph Nodes Detected by Preoperative Axillary Ultrasound in Breast Cancer Patients. PLoS ONE, 2014, 9, e113065.	2.5	1
85	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.	1.6	1
86	Prognostic Value of Coronary Artery Diseaseâ€"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
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. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 28.	3.3	1
88	Reply to letter â€œPrognostic value of computed tomography based SYNTAX score in coronary artery diseaseâ€• International Journal of Cardiology, 2016, 203, 1013.	1.7	0
89	Lung cancer detected on coronary artery calcium scoring computed tomography: factors delaying diagnosis and predictors of survival. Acta Radiologica, 2019, 60, 1118-1126.	1.1	0
90	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	0

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91	Post-Procedural Computed Tomography after Transcatheter Aortic Valve Replacement: New Insights into Patient Management. Korean Circulation Journal, 2020, 50, 583.	1.9	0
92	Feasibility of Aortic Annular Measurements Using Noncontrast-Enhanced Cardiac Computed Tomography in Preprocedural Evaluation of Transcatheter Aortic Valve Replacement. Journal of Computer Assisted Tomography, 2021, Publish Ahead of Print, 50-55.	0.9	0