Jin Mo Goo

List of Publications by Year
in descending order

212 papers	12,292 citations	43973 48 h-index	30010 103 g-index
215 all docs	215 docs citations	215 times ranked	10764 citing authors

#	Article	IF	Citations
1	Guidelines for Management of Incidental Pulmonary Nodules Detected on CT Images: From the Fleischner Society 2017. Radiology, 2017, 284, 228-243.	3.6	1,587
2	Recommendations for the Management of Subsolid Pulmonary Nodules Detected at CT: A Statement from the Fleischner Society. Radiology, 2013, 266, 304-317.	3.6	891
3	The Role of Chest Imaging in Patient Management during the COVID-19 Pandemic: A Multinational Consensus Statement from the Fleischner Society. Radiology, 2020, 296, 172-180.	3.6	721
4	Receiver Operating Characteristic (ROC) Curve: Practical Review for Radiologists. Korean Journal of Radiology, 2004, 5, 11.	1.5	605
5	The IASLC Lung Cancer Staging Project: Proposals for Coding T Categories for Subsolid Nodules and Assessment of Tumor Size in Part-Solid Tumors in the Forthcoming Eighth Edition of the TNM Classification of Lung Cancer. Journal of Thoracic Oncology, 2016, 11, 1204-1223.	0.5	530
6	Development and Validation of Deep Learningâ€"based Automatic Detection Algorithm for Malignant Pulmonary Nodules on Chest Radiographs. Radiology, 2019, 290, 218-228.	3.6	372
7	Development and Validation of a Deep Learningâ€"Based Automated Detection Algorithm for Major Thoracic Diseases on Chest Radiographs. JAMA Network Open, 2019, 2, e191095.	2.8	284
8	Radiation Dose Modulation Techniques in the Multidetector CT Era: From Basics to Practice. Radiographics, 2008, 28, 1451-1459.	1.4	279
9	Invasive Pulmonary Adenocarcinomas versus Preinvasive Lesions Appearing as Ground-Glass Nodules: Differentiation by Using CT Features. Radiology, 2013, 268, 265-273.	3.6	260
10	Nodular Ground-Glass Opacity at Thin-Section CT: Histologic Correlation and Evaluation of Change at Follow-up. Radiographics, 2007, 27, 391-408.	1.4	258
11	Thoracic Sequelae and Complications of Tuberculosis. Radiographics, 2001, 21, 839-858.	1.4	255
12	Recommendations for Measuring Pulmonary Nodules at CT: A Statement from the Fleischner Society. Radiology, 2017, 285, 584-600.	3.6	250
13	Correlation between the Size of the Solid Component on Thin-Section CT and the Invasive Component on Pathology in Small Lung Adenocarcinomas Manifesting as Ground-Glass Nodules. Journal of Thoracic Oncology, 2014, 9, 74-82.	0.5	190
14	The IASLC Lung Cancer Staging Project: Background Data and Proposals for the Application of TNM Staging Rules to Lung Cancer Presenting as Multiple Nodules with Ground Glass or Lepidic Features or a Pneumonic Type of Involvement in the Forthcoming Eighth Edition of the TNM Classification. Journal of Thoracic Oncology, 2016, 11, 666-680.	0.5	170
15	C-Arm Cone-Beam CT-guided Percutaneous Transthoracic Needle Biopsy of Lung Nodules: Clinical Experience in 1108 Patients. Radiology, 2014, 271, 291-300.	3.6	163
16	Development and Validation of a Deep Learningâ€"based Automatic Detection Algorithm for Active Pulmonary Tuberculosis on Chest Radiographs. Clinical Infectious Diseases, 2019, 69, 739-747.	2.9	150
17	Volumetric Measurement of Synthetic Lung Nodules with Multiâ€"Detector Row CT: Effect of Various Image Reconstruction Parameters and Segmentation Thresholds on Measurement Accuracy. Radiology, 2005, 235, 850-856.	3.6	144
18	Predictive CT findings of malignancy in ground-glass nodules on thin-section chest CT: the effects on radiologist performance. European Radiology, 2009, 19, 552-560.	2.3	121

#	ARTICLE	IF	CITATIONS
19	Transient Part-Solid Nodules Detected at Screening Thin-Section CT for Lung Cancer: Comparison with Persistent Part-Solid Nodules<sup />. Radiology, 2010, 255, 242-251.	3.6	121
20	Deep Learning for Chest Radiograph Diagnosis in the Emergency Department. Radiology, 2019, 293, 573-580.	3.6	107
21	Volume and Mass Doubling Times of Persistent Pulmonary Subsolid Nodules Detected in Patients without Known Malignancy. Radiology, 2014, 273, 276-284.	3.6	105
22	Nodular Ground-Glass Opacities on Thin-section CT: Size Change during Follow-up and Pathological Results. Korean Journal of Radiology, 2007, 8, 22.	1.5	103
23	Clinical, pathological and thin-section CT features of persistent multiple ground-glass opacity nodules: Comparison with solitary ground-glass opacity nodule. Lung Cancer, 2009, 64, 171-178.	0.9	103
24	Ground-Glass Nodules on Chest CT as Imaging Biomarkers in the Management of Lung Adenocarcinoma. American Journal of Roentgenology, 2011, 196, 533-543.	1.0	103
25	C-Arm Cone-Beam CTâ€"Guided Percutaneous Transthoracic Needle Biopsy of Small (â‰ 20 mm) Lung Nodules: Diagnostic Accuracy and Complications in 161 Patients. American Journal of Roentgenology, 2012, 199, W322-W330.	1.0	94
26	Percutaneous transthoracic needle biopsy of small (â‰1Âcm) lung nodules under C-arm cone-beam CT virtual navigation guidance. European Radiology, 2013, 23, 712-719.	2.3	94
27	Differentiation between malignancy and inflammation in pulmonary ground-glass nodules: The feasibility of integrated 18F-FDG PET/CT. Lung Cancer, 2009, 65, 180-186.	0.9	85
28	Preoperative CT-based Deep Learning Model for Predicting Disease-Free Survival in Patients with Lung Adenocarcinomas. Radiology, 2020, 296, 216-224.	3.6	82
29	Computer-aided Diagnosis of Localized Ground-Glass Opacity in the Lung at CT: Initial Experience. Radiology, 2005, 237, 657-661.	3.6	81
30	Bronchial Anthracofibrosis (Inflammatory Bronchial Stenosis with Anthracotic Pigmentation). American Journal of Roentgenology, 2000, 174, 523-527.	1.0	78
31	Initial experience of percutaneous transthoracic needle biopsy of lung nodules using C-arm cone-beam CT systems. European Radiology, 2010, 20, 2108-2115.	2.3	75
32	Pulmonary adenocarcinomas appearing as part-solid ground-glass nodules: Is measuring solid component size a better prognostic indicator?. European Radiology, 2015, 25, 558-567.	2.3	75
33	Value of high-resolution ultrasound in detecting a pneumothorax. European Radiology, 2005, 15, 930-935.	2.3	73
34	A Computer-Aided Diagnosis for Evaluating Lung Nodules on Chest CT: the Current Status and Perspective. Korean Journal of Radiology, 2011, 12, 145.	1.5	71
35	Pulmonary Nodular Ground-Glass Opacities in Patients With Extrapulmonary Cancers. Chest, 2008, 133, 1402-1409.	0.4	69
36	IASLC/ATS/ERS International Multidisciplinary Classification of Lung Adenocarcinoma. Journal of Thoracic Imaging, 2012, 27, 340-353.	0.8	69

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37	Persistent Pure Ground-Glass Nodules Larger Than 5 mm. Investigative Radiology, 2015, 50, 798-804.	3.5	66
38	Computer-Aided Nodule Detection and Volumetry to Reduce Variability Between Radiologists in the Interpretation of Lung Nodules at Low-Dose Screening Computed Tomography. Investigative Radiology, 2012, 47, 457-461.	3.5	64
39	The Potential Contribution of a Computer-Aided Detection System for Lung Nodule Detection in Multidetector Row Computed Tomography. Investigative Radiology, 2004, 39, 649-655.	3.5	61
40	Persistent pulmonary subsolid nodules with solid portions of 5Âmm or smaller: Their natural course and predictors of interval growth. European Radiology, 2016, 26, 1529-1537.	2.3	60
41	CT Findings of Atypical Adenomatous Hyperplasia in the Lung. Korean Journal of Radiology, 2006, 7, 80.	1.5	59
42	Pure and Part-Solid Pulmonary Ground-Glass Nodules: Measurement Variability of Volume and Mass in Nodules with a Solid Portion Less than or Equal to 5 mm. Radiology, 2013, 269, 585-593.	3.6	59
43	Observer variability in RECIST-based tumour burden measurements: a meta-analysis. European Journal of Cancer, 2016, 53, 5-15.	1.3	59
44	Extension of Coronavirus Disease 2019 on Chest CT and Implications for Chest Radiographic Interpretation. Radiology: Cardiothoracic Imaging, 2020, 2, e200107.	0.9	59
45	Preoperative staging of non-small cell lung cancer: prospective comparison of PET/MR and PET/CT. European Radiology, 2016, 26, 3850-3857.	2.3	58
46	Development and validation of a deep learning algorithm detecting 10 common abnormalities on chest radiographs. European Respiratory Journal, 2021, 57, 2003061.	3.1	58
47	Chest CT Diagnosis and Clinical Management of Drug-related Pneumonitis in Patients Receiving Molecular Targeting Agents and Immune Checkpoint Inhibitors: A Position Paper from the Fleischner Society. Radiology, 2021, 298, 550-566.	3.6	53
48	Tumor Heterogeneity in Lung Cancer: Assessment with Dynamic Contrast-enhanced MR Imaging. Radiology, 2016, 280, 940-948.	3.6	52
49	Quantitative analysis of emphysema and airway measurements according to iterative reconstruction algorithms: comparison of filtered back projection, adaptive statistical iterative reconstruction and model-based iterative reconstruction. European Radiology, 2014, 24, 799-806.	2.3	50
50	Automated Lung Nodule Detection at Low-Dose CT: Preliminary Experience. Korean Journal of Radiology, 2003, 4, 211.	1.5	49
51	Pulmonary subsolid nodules: what radiologists need to know about the imaging features and management strategy. Diagnostic and Interventional Radiology, 2014, 20, 47-57.	0.7	47
52	Deep neural network for automatic volumetric segmentation of whole-body CT images for body composition assessment. Clinical Nutrition, 2021, 40, 5038-5046.	2.3	47
53	Influence of radiation dose and iterative reconstruction algorithms for measurement accuracy and reproducibility of pulmonary nodule volumetry: A phantom study. European Journal of Radiology, 2014, 83, 848-857.	1.2	46
54	Lung-RADS Category 4X: Does It Improve Prediction of Malignancy in Subsolid Nodules?. Radiology, 2017, 284, 264-271.	3.6	46

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55	Performance of a Deep Learning Algorithm Compared with Radiologic Interpretation for Lung Cancer Detection on Chest Radiographs in a Health Screening Population. Radiology, 2020, 297, 687-696.	3.6	45
56	Focal interstitial fibrosis manifesting as nodular ground-glass opacity: thin-section CT findings. European Radiology, 2007, 17, 2325-2331.	2.3	43
57	Persistent Pure Ground-Glass Nodules in the Lung: Interscan Variability of Semiautomated Volume and Attenuation Measurements. American Journal of Roentgenology, 2010, 195, W408-W414.	1.0	43
58	Software performance in segmenting ground-glass and solid components of subsolid nodules in pulmonary adenocarcinomas. European Radiology, 2016, 26, 4465-4474.	2.3	42
59	Quantitative Computed Tomography Imaging Biomarkers in the Diagnosis and Management of Lung Cancer. Investigative Radiology, 2015, 50, 571-583.	3.5	41
60	Implementation of a Deep Learning-Based Computer-Aided Detection System for the Interpretation of Chest Radiographs in Patients Suspected for COVID-19. Korean Journal of Radiology, 2020, 21, 1150.	1.5	41
61	Efficacy of Computer-Aided Detection System and Thin-Slab Maximum Intensity Projection Technique in the Detection of Pulmonary Nodules in Patients With Resected Metastases. Investigative Radiology, 2009, 44, 105-113.	3.5	40
62	Usefulness of Texture Analysis in Differentiating Transient from Persistent Part-solid Nodules(PSNs): A Retrospective Study. PLoS ONE, 2014, 9, e85167.	1.1	40
63	Development of Protocol for Korean Lung Cancer Screening Project (K-LUCAS) to Evaluate Effectiveness and Feasibility to Implement National Cancer Screening Program. Cancer Research and Treatment, 2019, 51, 1285-1294.	1.3	40
64	Incidental Anterior Mediastinal Nodular Lesions onÂChest CT in Asymptomatic Subjects. Journal of Thoracic Oncology, 2018, 13, 359-366.	0.5	39
65	Predictive CT Features of Visceral Pleural Invasion by T1-Sized Peripheral Pulmonary Adenocarcinomas Manifesting as Subsolid Nodules. American Journal of Roentgenology, 2017, 209, 561-566.	1.0	38
66	Time-dependent analysis of incidence, risk factors and clinical significance of pneumothorax after percutaneous lung biopsy. European Radiology, 2018, 28, 1328-1337.	2.3	38
67	Volumetric Measurements of Lung Nodules with Multi-Detector Row CT: Effect of Changes in Lung Volume. Korean Journal of Radiology, 2006, 7, 243.	1.5	37
68	CT findings of minimally invasive adenocarcinoma (MIA) of the lung and comparison of solid portion measurement methods at CT in 52 patients. European Radiology, 2015, 25, 2318-2325.	2.3	37
69	Deep learning reconstruction for contrast-enhanced CT of the upper abdomen: similar image quality with lower radiation dose in direct comparison with iterative reconstruction. European Radiology, 2021, 31, 5533-5543.	2.3	37
70	Accuracy and predictive features of FDG-PET/CT and CT for diagnosis of lymph node metastasis of T1 non-small-cell lung cancer manifesting as a subsolid nodule. European Radiology, 2012, 22, 1556-1563.	2.3	36
71	Positron Emission Tomography/Magnetic Resonance Imaging Evaluation of Lung Cancer. Journal of Thoracic Imaging, 2014, 29, 4-16.	0.8	33
72	Non-specific benign pathological results on transthoracic core-needle biopsy: how to differentiate false-negatives?. European Radiology, 2017, 27, 3888-3895.	2.3	33

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73	Variable radiological lung nodule evaluation leads to divergent management recommendations. European Respiratory Journal, 2018, 52, 1801359.	3.1	32
74	Deep learning algorithm for surveillance of pneumothorax after lung biopsy: a multicenter diagnostic cohort study. European Radiology, 2020, 30, 3660-3671.	2.3	32
75	EGFR gene copy number in adenocarcinoma of the lung by FISH analysis: Investigation of significantly related factors on CT, FDG-PET, and histopathology. Lung Cancer, 2009, 64, 179-186.	0.9	31
76	CT-defined Visceral Pleural Invasion in T1 Lung Adenocarcinoma: Lack of Relationship to Disease-Free Survival. Radiology, 2019, 292, 741-749.	3.6	29
77	Personalized 3D-Printed Model for Informed Consent for Stage I Lung Cancer: A Randomized Pilot Trial. Seminars in Thoracic and Cardiovascular Surgery, 2019, 31, 316-318.	0.4	29
78	Deep learningâ€“based automated detection algorithm for active pulmonary tuberculosis on chest radiographs: diagnostic performance in systematic screening of asymptomatic individuals. European Radiology, 2021, 31, 1069-1080.	2.3	29
79	Image quality of ultralow-dose chest CT using deep learning techniques: potential superiority of vendor-agnostic post-processing over vendor-specific techniques. European Radiology, 2021, 31, 5139-5147.	2.3	29
80	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.	1.5	29
81	Imaging Characteristics of Stage I Non-Small Cell Lung Cancer on CT and FDG-PET: Relationship with Epidermal Growth Factor Receptor Protein Expression Status and Survival. Korean Journal of Radiology, 2013, 14, 375.	1.5	28
82	Large cell neuroendocrine carcinoma of the lung: CT and FDG PET findings. European Journal of Radiology, 2015, 84, 2332-2338.	1.2	28
83	FDG Whole-Body PET/MRI in Oncology: a Systematic Review. Nuclear Medicine and Molecular Imaging, 2017, 51, 22-31.	0.6	28
84	Computer-Aided Detection of Malignant Lung Nodules on Chest Radiographs: Effect on Observers' Performance. Korean Journal of Radiology, 2012, 13, 564.	1.5	27
85	A Comparison of Two Commercial Volumetry Software Programs in the Analysis of Pulmonary Ground-Glass Nodules: Segmentation Capability and Measurement Accuracy. Korean Journal of Radiology, 2013, 14, 683.	1.5	27
86	Retrospective assessment of interobserver agreement and accuracy in classifications and measurements in subsolid nodules with solid components less than 8mm: which window setting is better?. European Radiology, 2017, 27, 1369-1376.	2.3	27
87	Ground-glass nodule segmentation in chest CT images using asymmetric multi-phase deformable model and pulmonary vessel removal. Computers in Biology and Medicine, 2018, 92, 128-138.	3.9	27
88	Lung Cancer CT Screening and Lung-RADS in a Tuberculosis-endemic Country: The Korean Lung Cancer Screening Project (K-LUCAS). Radiology, 2020, 296, 181-188.	3.6	27
89	Growth and Clinical Impact of 6-mm or Larger Subsolid Nodules after 5 Years of Stability at Chest CT. Radiology, 2020, 295, 448-455.	3.6	27
90	Does Antiplatelet Therapy Increase the Risk of Hemoptysis During Percutaneous Transthoracic Needle Biopsy of a Pulmonary Lesion?. American Journal of Roentgenology, 2013, 200, 1014-1019.	1.0	26

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91	Radiological Report of Pilot Study for the Korean Lung Cancer Screening (K-LUCAS) Project: Feasibility of Implementing Lung Imaging Reporting and Data System. Korean Journal of Radiology, 2018, 19, 803.	1.5	26
92	Validation of the Eighth Edition Clinical T Categorization System for Clinical Stage IA, Resected Lung Adenocarcinomas: Prognostic Implications of the Ground-Glass Opacity Component. Journal of Thoracic Oncology, 2020, 15, 580-588.	0.5	25
93	CT-based deep learning model to differentiate invasive pulmonary adenocarcinomas appearing as subsolid nodules among surgical candidates: comparison of the diagnostic performance with a size-based logistic model and radiologists. European Radiology, 2020, 30, 3295-3305.	2.3	25
94	Pulmonary subsolid nodules: value of semi-automatic measurement in diagnostic accuracy, diagnostic reproducibility and nodule classification agreement. European Radiology, 2018, 28, 2124-2133.	2.3	24
95	Consolidation-to-tumor ratio and tumor disappearance ratio are not independent prognostic factors for the patients with resected lung adenocarcinomas. Lung Cancer, 2019, 137, 123-128.	0.9	24
96	PET imaging approaches for inflammatory lung diseases: Current concepts and future directions. European Journal of Radiology, 2017, 86, 371-376.	1.2	23
97	Automated Lung Segmentation on Chest Computed Tomography Images with Extensive Lung Parenchymal Abnormalities Using a Deep Neural Network. Korean Journal of Radiology, 2021, 22, 476.	1.5	23
98	Deep Learning for Detecting Pneumothorax on Chest Radiographs after Needle Biopsy: Clinical Implementation. Radiology, 2022, 303, 433-441.	3.6	23
99	COVID-19 pneumonia on chest X-rays: Performance of a deep learning-based computer-aided detection system. PLoS ONE, 2021, 16, e0252440.	1.1	22
100	Is the Computer-Aided Detection Scheme for Lung Nodule Also Useful in Detecting Lung Cancer?. Journal of Computer Assisted Tomography, 2008, 32, 570-575.	0.5	21
101	Effect of Reconstruction Parameters on the Quantitative Analysis of Chest Computed Tomography. Journal of Thoracic Imaging, 2019, 34, 92-102.	0.8	21
102	FN13762 Murine Breast Cancer: Region-by-Region Correlation of First-Pass Perfusion CT Indexes with Histologic Vascular Parameters. Radiology, 2009, 251, 721-730.	3.6	20
103	Repeat biopsy of patients with acquired resistance to EGFR TKIs: implications of biopsy-related factors on T790M mutation detection. European Radiology, 2018, 28, 861-868.	2.3	20
104	Deep Learning to Determine the Activity of Pulmonary Tuberculosis on Chest Radiographs. Radiology, 2021, 301, 435-442.	3.6	20
105	Ground-glass nodules found in two patients with malignant melanomas: different growth rate and different histology. Clinical Imaging, 2010, 34, 396-399.	0.8	19
106	Pulmonary nodule registration in serial CT scans using global rib matching and nodule template matching. Computers in Biology and Medicine, 2014, 45, 87-97.	3.9	19
107	Measurement Variability of Persistent Pulmonary Subsolid Nodules on Same-Day Repeat CT: What Is the Threshold to Determine True Nodule Growth during Follow-Up?. PLoS ONE, 2016, 11, e0148853.	1.1	19
108	CT assessment-based direct surgical resection of part-solid nodules with solid component larger than 5Âmm without preoperative biopsy: experience at a single tertiary hospital. European Radiology, 2017, 27, 5119-5126.	2.3	19

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109	Risk factors for haemoptysis after percutaneous transthoracic needle biopsies in 4,172 cases: Focusing on the effects of enlarged main pulmonary artery diameter. European Radiology, 2018, 28, 1410-1419.	2.3	19
110	Effect of CT Reconstruction Algorithm on the Diagnostic Performance of Radiomics Models: A Task-Based Approach for Pulmonary Subsolid Nodules. American Journal of Roentgenology, 2019, 212, 505-512.	1.0	19
111	Prediction of visceral pleural invasion in lung cancer on CT: deep learning model achieves a radiologist-level performance with adaptive sensitivity and specificity to clinical needs. European Radiology, 2021, 31, 2866-2876.	2.3	19
112	Deep Learning for Detection of Pulmonary Metastasis on Chest Radiographs. Radiology, 2021, 301, 455-463.	3.6	19
113	Computer-Aided Detection of Lung Nodules on Chest CT: Issues to be Solved before Clinical Use. Korean Journal of Radiology, 2005, 6, 62.	1.5	18
114	Natural History of Ground-Glass Nodules Detected on the Chest Computed Tomography Scan After Major Lung Resection. Annals of Thoracic Surgery, 2013, 96, 1952-1957.	0.7	18
115	Central Tumor Location at Chest CT Is an Adverse Prognostic Factor for Disease-Free Survival of Node-Negative Early-Stage Lung Adenocarcinomas. Radiology, 2021, 299, 438-447.	3.6	18
116	Comparison of the effects of model-based iterative reconstruction and filtered back projection algorithms on software measurements in pulmonary subsolid nodules. European Radiology, 2017, 27, 3266-3274.	2.3	17
117	Risk of pleural recurrence after percutaneous transthoracic needle biopsy in stage I non-small-cell lung cancer. European Radiology, 2019, 29, 270-278.	2.3	17
118	Incidence, risk factors, and prognostic indicators of symptomatic air embolism after percutaneous transthoracic lung biopsy: a systematic review and pooled analysis. European Radiology, 2021, 31, 2022-2033.	2.3	17
119	Pleural recurrence after transthoracic needle lung biopsy in stage I lung cancer: a systematic review and individual patient-level meta-analysis. Thorax, 2021, 76, 582-590.	2.7	17
120	Distinguishing between Thymic Epithelial Tumors and Benign Cysts via Computed Tomography. Korean Journal of Radiology, 2019, 20, 671.	1.5	16
121	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.	2.3	16
122	Association of Adipopenia at Preoperative PET/CT with Mortality in Stage I Nonâ€“Small Cell Lung Cancer. Radiology, 2021, 301, 645-653.	3.6	16
123	Inter-scan repeatability of CT-based lung densitometry in the surveillance of emphysema in a lung cancer screening setting. European Journal of Radiology, 2012, 81, e554-e560.	1.2	15
124	The effect of late-phase contrast enhancement on semi-automatic software measurements of CT attenuation and volume of part-solid nodules in lung adenocarcinomas. European Journal of Radiology, 2016, 85, 1174-1180.	1.2	15
125	Evaluation of T categories for pure ground-glass nodules with semi-automatic volumetry: is mass a better predictor of invasive part size than other volumetric parameters?. European Radiology, 2018, 28, 4288-4295.	2.3	15
126	A simple prediction model using size measures for discrimination of invasive adenocarcinomas among incidental pulmonary subsolid nodules considered for resection. European Radiology, 2019, 29, 1674-1683.	2.3	15

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127	Transient subsolid nodules in patients with extrapulmonary malignancies: their frequency and differential features. Acta Radiologica, 2015, 56, 428-437.	0.5	14
128	Measurement of Multiple Solid Portions in Part-Solid Nodules for T Categorization: Evaluation of Prognostic Implication. Journal of Thoracic Oncology, 2018, 13, 1864-1872.	0.5	14
129	Ageâ€•and genderâ€specific disease distribution and the diagnostic accuracy of CT for resected anterior mediastinal lesions. Thoracic Cancer, 2019, 10, 1378-1387.	0.8	14
130	Quantitative Thoracic Magnetic Resonance Criteria for the Differentiation of Cysts from Solid Masses in the Anterior Mediastinum. Korean Journal of Radiology, 2019, 20, 854.	1.5	14
131	Implementation of the cloud-based computerized interpretation system in a nationwide lung cancer screening with low-dose CT: comparison with the conventional reading system. European Radiology, 2021, 31, 475-485.	2.3	14
132	Volume and Mass Doubling Time of Lung Adenocarcinoma according to WHO Histologic Classification. Korean Journal of Radiology, 2021, 22, 464.	1.5	14
133	Interstitial Lung Abnormalities: What Radiologists Should Know. Korean Journal of Radiology, 2021, 22, 454.	1.5	14
134	Undetected Lung Cancer at Posteroanterior Chest Radiography: Potential Role of a Deep Learningâ€"based Detection Algorithm. Radiology: Cardiothoracic Imaging, 2020, 2, e190222.	0.9	14
135	Cystic Lung Disease: a Comparison of Cystic Size, as Seen on Expiratory and Inspiratory HRCT Scans. Korean Journal of Radiology, 2000, 1, 84.	1.5	13
136	Pulmonary Nodule Detection in Patients with a Primary Malignancy Using Hybrid PET/MRI: Is There Value in Adding Contrast-Enhanced MR Imaging?. PLoS ONE, 2015, 10, e0129660.	1.1	13
137	Posterior Subpleural Nodules in Patients With Underlying Malignancies: Value of Prone Computed Tomography. Journal of Computer Assisted Tomography, 2003, 27, 274-278.	0.5	12
138	Quantitative thoracic CT techniques in adults: can they be applied in the pediatric population?. Pediatric Radiology, 2013, 43, 308-314.	1.1	12
139	Clinical T Category of Nonâ€"Small Cell Lung Cancers: Prognostic Performance of Unidimensional versus Bidimensional Measurements at CT. Radiology, 2019, 290, 807-813.	3.6	12
140	Utility of FDG PET/CT for Preoperative Staging of Nonâ€"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.	1.0	12
141	Deep Learning Prediction of Survival in Patients with Chronic Obstructive Pulmonary Disease Using Chest Radiographs. Radiology, 2022, 305, 199-208.	3.6	12
142	The Clinical Feasibility of Using Non-Breath-Hold Real-Time MR-Echo Imaging for the Evaluation of Mediastinal and Chest Wall Tumor Invasion. Korean Journal of Radiology, 2010, 11, 37.	1.5	11
143	Digital Tomosynthesis for Evaluating Metastatic Lung Nodules: Nodule Visibility, Learning Curves, and Reading Times. Korean Journal of Radiology, 2015, 16, 430.	1.5	11
144	Improving the prediction of lung adenocarcinoma invasive component on CT: Value of a vessel removal algorithm during software segmentation of subsolid nodules. European Journal of Radiology, 2018, 100, 58-65.	1.2	11

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145	Bronchovascular injury associated with clinically significant hemoptysis after CT-guided core biopsy of the lung: Radiologic and histopathologic analysis. PLoS ONE, 2018, 13, e0204064.	1.1	11
146	Automatic pulmonary vessel segmentation on noncontrast chest CT: deep learning algorithm developed using spatiotemporally matched virtual noncontrast images and low-keV contrast-enhanced vessel maps. European Radiology, 2021, 31, 9012-9021.	2.3	11
147	Value of Computerized 3D Shape Analysis in Differentiating Encapsulated from Invasive Thymomas. PLoS ONE, 2015, 10, e0126175.	1.1	11
148	Submillisievert Computed Tomography of the Chest in Contact Investigation for Drug-Resistant Tuberculosis. Journal of Korean Medical Science, 2017, 32, 1779.	1.1	10
149	Non-diagnostic Results of Percutaneous Transthoracic Needle Biopsy: A Meta-analysis. Scientific Reports, 2019, 9, 12428.	1.6	10
150	Test-retest reproducibility of a deep learningâ€"based automatic detection algorithm for the chest radiograph. European Radiology, 2020, 30, 2346-2355.	2.3	10
151	Potential Overdiagnosis with CT Lung Cancer Screening in Taiwanese Female: Status in South Korea. Korean Journal of Radiology, 2022, 23, 571.	1.5	10
152	Deep Learning to Optimize Candidate Selection for Lung Cancer CT Screening: Advancing the 2021 USPSTF Recommendations. Radiology, 2022, 305, 209-218.	3.6	10
153	Histopathologic Basis for a Chest CT Deep Learning Survival Prediction Model in Patients with Lung Adenocarcinoma. Radiology, 2022, 305, 441-451.	3.6	10
154	Quantification of emphysema with preoperative computed tomography has stronger association with pulmonary complications than pulmonary function test results after pulmonary lobectomy. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 915-920.	0.4	9
155	Automated identification of chest radiographs with referable abnormality with deep learning: need for recalibration. European Radiology, 2020, 30, 6902-6912.	2.3	9
156	Variability in interpretation of low-dose chest CT using computerized assessment in a nationwide lung cancer screening program: comparison of prospective reading at individual institutions and retrospective central reading. European Radiology, 2021, 31, 2845-2855.	2.3	9
157	Computer-Aided Classification of Visual Ventilation Patterns in Patients with Chronic Obstructive Pulmonary Disease at Two-Phase Xenon-Enhanced CT. Korean Journal of Radiology, 2014, 15, 386.	1.5	8
158	PET/MR Imaging for Chest Diseases. Magnetic Resonance Imaging Clinics of North America, 2015, 23, 245-259.	0.6	8
159	Virtual reality-assisted localization and three-dimensional printing-enhanced multidisciplinary decision to treat radiologically occult superficial endobronchial lung cancer. Thoracic Cancer, 2018, 9, 1525-1527.	0.8	8
160	Visual discrimination of screen-detected persistent from transient subsolid nodules: An observer study. PLoS ONE, 2018, 13, e0191874.	1.1	8
161	Clinical T categorization in stage IA lung adenocarcinomas: prognostic implications of CT display window settings for solid portion measurement. European Radiology, 2019, 29, 6069-6079.	2.3	8
162	Perfusion parameters as potential imaging biomarkers for the early prediction of radiotherapy response in a rat tumor model. Diagnostic and Interventional Radiology, 2016, 22, 231-240.	0.7	8

#	Article	IF	Citations
163	Artificial intelligence system for identification of false-negative interpretations in chest radiographs. European Radiology, 2022, 32, 4468-4478.	2.3	8
164	Follicular dendritic cell sarcoma of the mediastinum: CT and ¹⁸Fâ€fluoroâ€2â€deoxyglucose PET findings. Thoracic Cancer, 2013, 4, 203-206.	0.8	7
165	Are Lung Imaging Reporting and Data System Categories Clear to Radiologists? A Survey of the Korean Society of Thoracic Radiology Members on Ten Difficult-to-Classify Scenarios. Korean Journal of Radiology, 2017, 18, 402.	1.5	7
166	Juxtapleural (Perifissural) Nodules: Does Location Mean a Benign Lesion?. Radiology, 2018, 288, 876-877.	3.6	7
167	Clustered micronodules as predominant manifestation on CT: A sign of active but indolently evolving pulmonary tuberculosis. PLoS ONE, 2020, 15, e0231537.	1.1	7
168	Cone-Beam CT-Guided Percutaneous Transthoracic Needle Lung Biopsy of Juxtaphrenic Lesions: Diagnostic Accuracy and Complications. Korean Journal of Radiology, 2021, 22, 1203.	1.5	7
169	Diagnosis of Idiopathic Pulmonary Fibrosis in a Possible Usual Interstitial Pneumonia Pattern: a meta-analysis. Scientific Reports, 2018, 8, 15886.	1.6	6
170	Tissue Adequacy and Safety of Percutaneous Transthoracic Needle Biopsy for Molecular Analysis in Non-Small Cell Lung Cancer: A Systematic Review and Meta-analysis. Korean Journal of Radiology, 2021, 22, 2082.	1.5	6
171	Optimum diameter threshold for lung nodules at baseline lung cancer screening with low-dose chest CT: exploration of results from the Korean Lung Cancer Screening Project. European Radiology, 2021, 31, 7202-7212.	2.3	6
172	Microscopic Invasions, Prognoses, and Recurrence Patterns of Stage I Adenocarcinomas Manifesting as Part-Solid Ground-Glass Nodules. Medicine (United States), 2016, 95, e3419.	0.4	5
173	Inspiratory Lung Expansion in Patients with Interstitial Lung Disease: CT Histogram Analyses. Scientific Reports, 2018, 8, 15265.	1.6	5
174	Sleeve Lobectomy for Nonâ€"Small Cell Lung Cancers: Predictive CT Features for Resectability and Outcome Analysis. American Journal of Roentgenology, 2019, 213, 807-816.	1.0	5
175	External validation and comparison of the Brock model and Lung-RADS for the baseline lung cancer CT screening using data from the Korean Lung Cancer Screening Project. European Radiology, 2021, 31, 4004-4015.	2.3	5
176	Definitions of Central Tumors in Radiologically Node-Negative, Early-Stage Lung Cancer for Preoperative Mediastinal Lymph Node Staging. Chest, 2022, 161, 1393-1406.	0.4	5
177	Development and validation of a prediction model for measurement variability of lung nodule volumetry in patients with pulmonary metastases. European Radiology, 2017, 27, 3257-3265.	2.3	4
178	Cone-Beam CT Virtual Navigation-Guided Percutaneous Needle Biopsy of Suspicious Pleural Metastasis: A Pilot Study. Korean Journal of Radiology, 2018, 19, 872.	1.5	4
179	Learning Curve of C-Arm Cone-beam Computed Tomography Virtual Navigation-Guided Percutaneous Transthoracic Needle Biopsy. Korean Journal of Radiology, 2019, 20, 844.	1.5	4
180	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.	2.3	4

#	Article	IF	Citations
181	Diagnostic procedures and clinico-radiological findings of acute fibrinous and organizing pneumonia: a systematic review and pooled analysis. European Radiology, 2021, 31, 7283-7294.	2.3	4
182	Lung Cancer Screening with Low-Dose CT: Current Status in Other Countries. Journal of the Korean Society of Radiology, 2019, 80, 849.	0.1	4
183	CT and 18F-FDG PET abnormalities in contacts with recent tuberculosis infections but negative chest X-ray. Insights Into Imaging, 2022, 13, .	1.6	4
184	Evaluation of Azygous Vein Aneurysm Using Integrated PET/MRI. Nuclear Medicine and Molecular Imaging, 2014, 48, 161-162.	0.6	3
185	Collateral Ventilation Quantification Using Xenon-Enhanced Dynamic Dual-Energy CT: Differences between Canine and Swine Models of Bronchial Occlusion. Korean Journal of Radiology, 2015, 16, 648.	1.5	3
186	CT quantification of the heterogeneity of fibrosis boundaries in idiopathic pulmonary fibrosis. European Radiology, 2021, 31, 5148-5159.	2.3	3
187	Automatic prediction of left cardiac chamber enlargement from chest radiographs using convolutional neural network. European Radiology, 2021, 31, 8130-8140.	2.3	3
188	Monitoring tumor response to the vascular disrupting agent CKD-516 in a rabbit VX2 intramuscular tumor model using PET/MRI: Simultaneous evaluation of vascular and metabolic parameters. PLoS ONE, 2018, 13, e0192706.	1.1	3
189	Extended application of a CT-based artificial intelligence prognostication model in patients with primary lung cancer undergoing stereotactic ablative radiotherapy. Radiotherapy and Oncology, 2021, 165, 166-173.	0.3	3
190	No Prognostic Impact of Staging Brain MRI in Patients with Stage IA Nonâ€“Small Cell Lung Cancer. Radiology, 2022, 303, 632-643.	3.6	3
191	Deep Learningâ€“Based Automatic CT Quantification of Coronavirus Disease 2019 Pneumonia: An International Collaborative Study. Journal of Computer Assisted Tomography, 2022, 46, 413-422.	0.5	3
192	Evaluation of maximum standardized uptake value at fluorine-18 fluorodeoxyglucose positron emission tomography as a complementary T factor in the eighth edition of lung cancer stage classification. Lung Cancer, 2019, 134, 151-157.	0.9	2
193	Effectiveness of radiologist training in improving reader agreement for Lung-RADS 4X categorization. European Radiology, 2021, 31, 8147-8159.	2.3	2
194	Deep Learningâ€“based Super-Resolution Algorithm: Potential in the Management of Subsolid Nodules. Radiology, 2021, 299, 220-221.	3.6	2
195	Value of a deep learning-based algorithm for detecting Lung-RADS category 4 nodules on chest radiographs in a health checkup population: estimation of the sample size for a randomized controlled trial. European Radiology, 2022, 32, 213-222.	2.3	2
196	Right-Angled Traction Bronchiectasis in Differentiating Idiopathic Pulmonary Fibrosis Without Honeycombing From Idiopathic Nonspecific Interstitial Pneumonia. Investigative Radiology, 2020, 55, 387-395.	3.5	2
197	Relationship Between Ktrans and K1 with Simultaneous Versus Separate MR/PET in Rabbits with VX2 Tumors. Anticancer Research, 2017, 37, 1139-1148.	0.5	2
198	Role of Chest Radiographs and CT Scans and the Application of Artificial Intelligence in Coronavirus Disease 2019. Journal of the Korean Society of Radiology, 2020, 81, 1334.	0.1	2

#	Article	IF	Citations
199	CT Examinations for COVID-19: A Systematic Review of Protocols, Radiation Dose, and Numbers Needed to Diagnose and Predict. Journal of the Korean Society of Radiology, 2021, 82, 1505.	0.1	2
200	Evaluation and Management of Indeterminate Pulmonary Nodules on Chest Computed Tomography in Asymptomatic Subjects: The Principles of Nodule Guidelines. Seminars in Respiratory and Critical Care Medicine, 2022, 43, 851-861.	0.8	2
201	CT Characteristics of Lung Nodules Present at Diagnosis of Extrapulmonary Malignancy in Children. American Journal of Roentgenology, 2010, 195, W308-W308.	1.0	1
202	Comparative characteristics of quantitative indexes for 18F-FDG uptake and metabolic volume in sequentially obtained PET/MRI and PET/CT. Nuclear Medicine Communications, 2017, 38, 333-339.	0.5	1
203	Gradient-echo-based 3D submillisecond echo time pulmonary MR imaging: a preliminary usability study on clinical and preclinical MR scanners. British Journal of Radiology, 2018, 91, 20170796.	1.0	1
204	Basics and Clinical Application of CT for Pulmonary Functional Evaluation. Medical Radiology, 2021, , 21-45.	0.0	1
205	CT-defined visual emphysema in smokers with normal spirometry: association with prolonged air leak and other respiratory complications after lobectomy for lung cancer. European Radiology, 2022, 32, 4395-4404.	2.3	1
206	Deep learning computer-aided detection system for pneumonia in febrile neutropenia patients: a diagnostic cohort study. BMC Pulmonary Medicine, 2021, 21, 406.	0.8	1
207	A Color-coded Virtual Bronchoscopy with Enhanced Efficiency. , 2008, , .		0
208	Interstitial Lung Abnormalities: Poor Prognosis for Patients with Lung Cancer. Radiology, 2019, 292, 499-500.	3.6	0
209	Usefulness of staging chest-CT in patients with operable breast cancer. PLoS ONE, 2021, 16, e0246563.	1.1	0
210	The Global Reading Room: A Likely Infectious Abnormality on Lung Cancer Screening CT. American Journal of Roentgenology, 2021, , .	1.0	0
211	Computer-Aided Diagnosis in Chest CT. Tuberculosis and Respiratory Diseases, 2004, 57, 515.	0.7	0
212	Computer-Aided Diagnosis and Quantification in Chest CT. Medical Radiology, 2016, , 431-449.	0.0	0