

Jin Mo Goo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8038930/publications.pdf>

Version: 2024-02-01

212
papers

12,292
citations

50566

48
h-index

34195

103
g-index

215
all docs

215
docs citations

215
times ranked

11441
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for Management of Incidental Pulmonary Nodules Detected on CT Images: From the Fleischner Society 2017. <i>Radiology</i> , 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. <i>Radiology</i> , 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. <i>Radiology</i> , 2020, 296, 172-180.	3.6	721
4	Receiver Operating Characteristic (ROC) Curve: Practical Review for Radiologists. <i>Korean Journal of Radiology</i> , 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. <i>Journal of Thoracic Oncology</i> , 2016, 11, 1204-1223.	0.5	530
6	Development and Validation of Deep Learning-based Automatic Detection Algorithm for Malignant Pulmonary Nodules on Chest Radiographs. <i>Radiology</i> , 2019, 290, 218-228.	3.6	372
7	Development and Validation of a Deep Learning-based Automated Detection Algorithm for Major Thoracic Diseases on Chest Radiographs. <i>JAMA Network Open</i> , 2019, 2, e191095.	2.8	284
8	Radiation Dose Modulation Techniques in the Multidetector CT Era: From Basics to Practice. <i>Radiographics</i> , 2008, 28, 1451-1459.	1.4	279
9	Invasive Pulmonary Adenocarcinomas versus Preinvasive Lesions Appearing as Ground-Glass Nodules: Differentiation by Using CT Features. <i>Radiology</i> , 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. <i>Radiographics</i> , 2007, 27, 391-408.	1.4	258
11	Thoracic Sequelae and Complications of Tuberculosis. <i>Radiographics</i> , 2001, 21, 839-858.	1.4	255
12	Recommendations for Measuring Pulmonary Nodules at CT: A Statement from the Fleischner Society. <i>Radiology</i> , 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. <i>Journal of Thoracic Oncology</i> , 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. <i>Journal of Thoracic Oncology</i> , 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. <i>Radiology</i> , 2014, 271, 291-300.	3.6	163
16	Development and Validation of a Deep Learning-based Automatic Detection Algorithm for Active Pulmonary Tuberculosis on Chest Radiographs. <i>Clinical Infectious Diseases</i> , 2019, 69, 739-747.	2.9	150
17	Volumetric Measurement of Synthetic Lung Nodules with Multi-detector Row CT: Effect of Various Image Reconstruction Parameters and Segmentation Thresholds on Measurement Accuracy. <i>Radiology</i> , 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. <i>European Radiology</i> , 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

#	ARTICLE	IF	CITATIONS
37	Persistent Pure Ground-Glass Nodules Larger Than 5 mm. <i>Investigative Radiology</i> , 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. <i>Investigative Radiology</i> , 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. <i>Investigative Radiology</i> , 2004, 39, 649-655.	3.5	61
40	Persistent pulmonary subsolid nodules with solid portions of 5 mm or smaller: Their natural course and predictors of interval growth. <i>European Radiology</i> , 2016, 26, 1529-1537.	2.3	60
41	CT Findings of Atypical Adenomatous Hyperplasia in the Lung. <i>Korean Journal of Radiology</i> , 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. <i>Radiology</i> , 2013, 269, 585-593.	3.6	59
43	Observer variability in RECIST-based tumour burden measurements: a meta-analysis. <i>European Journal of Cancer</i> , 2016, 53, 5-15.	1.3	59
44	Extension of Coronavirus Disease 2019 on Chest CT and Implications for Chest Radiographic Interpretation. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e200107.	0.9	59
45	Preoperative staging of non-small cell lung cancer: prospective comparison of PET/MR and PET/CT. <i>European Radiology</i> , 2016, 26, 3850-3857.	2.3	58
46	Development and validation of a deep learning algorithm detecting 10 common abnormalities on chest radiographs. <i>European Respiratory Journal</i> , 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. <i>Radiology</i> , 2021, 298, 550-566.	3.6	53
48	Tumor Heterogeneity in Lung Cancer: Assessment with Dynamic Contrast-enhanced MR Imaging. <i>Radiology</i> , 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. <i>European Radiology</i> , 2014, 24, 799-806.	2.3	50
50	Automated Lung Nodule Detection at Low-Dose CT: Preliminary Experience. <i>Korean Journal of Radiology</i> , 2003, 4, 211.	1.5	49
51	Pulmonary subsolid nodules: what radiologists need to know about the imaging features and management strategy. <i>Diagnostic and Interventional Radiology</i> , 2014, 20, 47-57.	0.7	47
52	Deep neural network for automatic volumetric segmentation of whole-body CT images for body composition assessment. <i>Clinical Nutrition</i> , 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. <i>European Journal of Radiology</i> , 2014, 83, 848-857.	1.2	46
54	Lung-RADS Category 4X: Does It Improve Prediction of Malignancy in Subsolid Nodules?. <i>Radiology</i> , 2017, 284, 264-271.	3.6	46

#	ARTICLE	IF	CITATIONS
55	Performance of a Deep Learning Algorithm Compared with Radiologic Interpretation for Lung Cancer Detection on Chest Radiographs in a Health Screening Population. <i>Radiology</i> , 2020, 297, 687-696.	3.6	45
56	Focal interstitial fibrosis manifesting as nodular ground-glass opacity: thin-section CT findings. <i>European Radiology</i> , 2007, 17, 2325-2331.	2.3	43
57	Persistent Pure Ground-Glass Nodules in the Lung: Interscan Variability of Semiautomated Volume and Attenuation Measurements. <i>American Journal of Roentgenology</i> , 2010, 195, W408-W414.	1.0	43
58	Software performance in segmenting ground-glass and solid components of subsolid nodules in pulmonary adenocarcinomas. <i>European Radiology</i> , 2016, 26, 4465-4474.	2.3	42
59	Quantitative Computed Tomography Imaging Biomarkers in the Diagnosis and Management of Lung Cancer. <i>Investigative Radiology</i> , 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. <i>Korean Journal of Radiology</i> , 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. <i>Investigative Radiology</i> , 2009, 44, 105-113.	3.5	40
62	Usefulness of Texture Analysis in Differentiating Transient from Persistent Part-solid Nodules(PSNs): A Retrospective Study. <i>PLoS ONE</i> , 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. <i>Cancer Research and Treatment</i> , 2019, 51, 1285-1294.	1.3	40
64	Incidental Anterior Mediastinal Nodular Lesions on Chest CT in Asymptomatic Subjects. <i>Journal of Thoracic Oncology</i> , 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. <i>American Journal of Roentgenology</i> , 2017, 209, 561-566.	1.0	38
66	Time-dependent analysis of incidence, risk factors and clinical significance of pneumothorax after percutaneous lung biopsy. <i>European Radiology</i> , 2018, 28, 1328-1337.	2.3	38
67	Volumetric Measurements of Lung Nodules with Multi-Detector Row CT: Effect of Changes in Lung Volume. <i>Korean Journal of Radiology</i> , 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. <i>European Radiology</i> , 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. <i>European Radiology</i> , 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. <i>European Radiology</i> , 2012, 22, 1556-1563.	2.3	36
71	Positron Emission Tomography/Magnetic Resonance Imaging Evaluation of Lung Cancer. <i>Journal of Thoracic Imaging</i> , 2014, 29, 4-16.	0.8	33
72	Non-specific benign pathological results on transthoracic core-needle biopsy: how to differentiate false-negatives?. <i>European Radiology</i> , 2017, 27, 3888-3895.	2.3	33

#	ARTICLE	IF	CITATIONS
73	Variable radiological lung nodule evaluation leads to divergent management recommendations. <i>European Respiratory Journal</i> , 2018, 52, 1801359.	3.1	32
74	Deep learning algorithm for surveillance of pneumothorax after lung biopsy: a multicenter diagnostic cohort study. <i>European Radiology</i> , 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. <i>Lung Cancer</i> , 2009, 64, 179-186.	0.9	31
76	CT-defined Visceral Pleural Invasion in T1 Lung Adenocarcinoma: Lack of Relationship to Disease-Free Survival. <i>Radiology</i> , 2019, 292, 741-749.	3.6	29
77	Personalized 3D-Printed Model for Informed Consent for Stage I Lung Cancer: A Randomized Pilot Trial. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2019, 31, 316-318.	0.4	29
78	Deep learning-based automated detection algorithm for active pulmonary tuberculosis on chest radiographs: diagnostic performance in systematic screening of asymptomatic individuals. <i>European Radiology</i> , 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. <i>European Radiology</i> , 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. <i>Korean Journal of Radiology</i> , 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. <i>Korean Journal of Radiology</i> , 2013, 14, 375.	1.5	28
82	Large cell neuroendocrine carcinoma of the lung: CT and FDG PET findings. <i>European Journal of Radiology</i> , 2015, 84, 2332-2338.	1.2	28
83	FDG Whole-Body PET/MRI in Oncology: a Systematic Review. <i>Nuclear Medicine and Molecular Imaging</i> , 2017, 51, 22-31.	0.6	28
84	Computer-Aided Detection of Malignant Lung Nodules on Chest Radiographs: Effect on Observers' Performance. <i>Korean Journal of Radiology</i> , 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. <i>Korean Journal of Radiology</i> , 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?. <i>European Radiology</i> , 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. <i>Computers in Biology and Medicine</i> , 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). <i>Radiology</i> , 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. <i>Radiology</i> , 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?. <i>American Journal of Roentgenology</i> , 2013, 200, 1014-1019.	1.0	26

#	ARTICLE	IF	CITATIONS
91	Radiological Report of Pilot Study for the Korean Lung Cancer Screening (K-LUCAS) Project: Feasibility of Implementing Lung Imaging Reporting and Data System. <i>Korean Journal of Radiology</i> , 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. <i>Journal of Thoracic Oncology</i> , 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. <i>European Radiology</i> , 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. <i>European Radiology</i> , 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. <i>Lung Cancer</i> , 2019, 137, 123-128.	0.9	24
96	PET imaging approaches for inflammatory lung diseases: Current concepts and future directions. <i>European Journal of Radiology</i> , 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. <i>Korean Journal of Radiology</i> , 2021, 22, 476.	1.5	23
98	Deep Learning for Detecting Pneumothorax on Chest Radiographs after Needle Biopsy: Clinical Implementation. <i>Radiology</i> , 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. <i>PLoS ONE</i> , 2021, 16, e0252440.	1.1	22
100	Is the Computer-Aided Detection Scheme for Lung Nodule Also Useful in Detecting Lung Cancer?. <i>Journal of Computer Assisted Tomography</i> , 2008, 32, 570-575.	0.5	21
101	Effect of Reconstruction Parameters on the Quantitative Analysis of Chest Computed Tomography. <i>Journal of Thoracic Imaging</i> , 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. <i>Radiology</i> , 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. <i>European Radiology</i> , 2018, 28, 861-868.	2.3	20
104	Deep Learning to Determine the Activity of Pulmonary Tuberculosis on Chest Radiographs. <i>Radiology</i> , 2021, 301, 435-442.	3.6	20
105	Ground-glass nodules found in two patients with malignant melanomas: different growth rate and different histology. <i>Clinical Imaging</i> , 2010, 34, 396-399.	0.8	19
106	Pulmonary nodule registration in serial CT scans using global rib matching and nodule template matching. <i>Computers in Biology and Medicine</i> , 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?. <i>PLoS ONE</i> , 2016, 11, e0148853.	1.1	19
108	CT assessment-based direct surgical resection of part-solid nodules with solid component larger than 5Åmm without preoperative biopsy: experience at a single tertiary hospital. <i>European Radiology</i> , 2017, 27, 5119-5126.	2.3	19

#	ARTICLE	IF	CITATIONS
109	Risk factors for haemoptysis after percutaneous transthoracic needle biopsies in 4,172 cases: Focusing on the effects of enlarged main pulmonary artery diameter. <i>European Radiology</i> , 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. <i>American Journal of Roentgenology</i> , 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. <i>European Radiology</i> , 2021, 31, 2866-2876.	2.3	19
112	Deep Learning for Detection of Pulmonary Metastasis on Chest Radiographs. <i>Radiology</i> , 2021, 301, 455-463.	3.6	19
113	Computer-Aided Detection of Lung Nodules on Chest CT: Issues to be Solved before Clinical Use. <i>Korean Journal of Radiology</i> , 2005, 6, 62.	1.5	18
114	Natural History of Ground-Glass Nodules Detected on the Chest Computed Tomography Scan After Major Lung Resection. <i>Annals of Thoracic Surgery</i> , 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. <i>Radiology</i> , 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. <i>European Radiology</i> , 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. <i>European Radiology</i> , 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. <i>European Radiology</i> , 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. <i>Thorax</i> , 2021, 76, 582-590.	2.7	17
120	Distinguishing between Thymic Epithelial Tumors and Benign Cysts via Computed Tomography. <i>Korean Journal of Radiology</i> , 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. <i>European Radiology</i> , 2020, 30, 3684-3691.	2.3	16
122	Association of Adipopenia at Preoperative PET/CT with Mortality in Stage I Non-Small Cell Lung Cancer. <i>Radiology</i> , 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. <i>European Journal of Radiology</i> , 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. <i>European Journal of Radiology</i> , 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?. <i>European Radiology</i> , 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. <i>European Radiology</i> , 2019, 29, 1674-1683.	2.3	15

#	ARTICLE	IF	CITATIONS
127	Transient subsolid nodules in patients with extrapulmonary malignancies: their frequency and differential features. <i>Acta Radiologica</i> , 2015, 56, 428-437.	0.5	14
128	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.	0.5	14
129	Age- and gender-specific disease distribution and the diagnostic accuracy of CT for resected anterior mediastinal lesions. <i>Thoracic Cancer</i> , 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. <i>Korean Journal of Radiology</i> , 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. <i>European Radiology</i> , 2021, 31, 475-485.	2.3	14
132	Volume and Mass Doubling Time of Lung Adenocarcinoma according to WHO Histologic Classification. <i>Korean Journal of Radiology</i> , 2021, 22, 464.	1.5	14
133	Interstitial Lung Abnormalities: What Radiologists Should Know. <i>Korean Journal of Radiology</i> , 2021, 22, 454.	1.5	14
134	Undetected Lung Cancer at Posteroanterior Chest Radiography: Potential Role of a Deep Learning-based Detection Algorithm. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190222.	0.9	14
135	Cystic Lung Disease: a Comparison of Cystic Size, as Seen on Expiratory and Inspiratory HRCT Scans. <i>Korean Journal of Radiology</i> , 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?. <i>PLoS ONE</i> , 2015, 10, e0129660.	1.1	13
137	Posterior Subpleural Nodules in Patients With Underlying Malignancies: Value of Prone Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2003, 27, 274-278.	0.5	12
138	Quantitative thoracic CT techniques in adults: can they be applied in the pediatric population?. <i>Pediatric Radiology</i> , 2013, 43, 308-314.	1.1	12
139	Clinical T Category of Non-Small Cell Lung Cancers: Prognostic Performance of Unidimensional versus Bidimensional Measurements at CT. <i>Radiology</i> , 2019, 290, 807-813.	3.6	12
140	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.	1.0	12
141	Deep Learning Prediction of Survival in Patients with Chronic Obstructive Pulmonary Disease Using Chest Radiographs. <i>Radiology</i> , 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. <i>Korean Journal of Radiology</i> , 2010, 11, 37.	1.5	11
143	Digital Tomosynthesis for Evaluating Metastatic Lung Nodules: Nodule Visibility, Learning Curves, and Reading Times. <i>Korean Journal of Radiology</i> , 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. <i>European Journal of Radiology</i> , 2018, 100, 58-65.	1.2	11

#	ARTICLE	IF	CITATIONS
145	Bronchovascular injury associated with clinically significant hemoptysis after CT-guided core biopsy of the lung: Radiologic and histopathologic analysis. <i>PLoS ONE</i> , 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. <i>European Radiology</i> , 2021, 31, 9012-9021.	2.3	11
147	Value of Computerized 3D Shape Analysis in Differentiating Encapsulated from Invasive Thymomas. <i>PLoS ONE</i> , 2015, 10, e0126175.	1.1	11
148	Submillisievert Computed Tomography of the Chest in Contact Investigation for Drug-Resistant Tuberculosis. <i>Journal of Korean Medical Science</i> , 2017, 32, 1779.	1.1	10
149	Non-diagnostic Results of Percutaneous Transthoracic Needle Biopsy: A Meta-analysis. <i>Scientific Reports</i> , 2019, 9, 12428.	1.6	10
150	Test-retest reproducibility of a deep learning-based automatic detection algorithm for the chest radiograph. <i>European Radiology</i> , 2020, 30, 2346-2355.	2.3	10
151	Potential Overdiagnosis with CT Lung Cancer Screening in Taiwanese Female: Status in South Korea. <i>Korean Journal of Radiology</i> , 2022, 23, 571.	1.5	10
152	Deep Learning to Optimize Candidate Selection for Lung Cancer CT Screening: Advancing the 2021 USPSTF Recommendations. <i>Radiology</i> , 2022, 305, 209-218.	3.6	10
153	Histopathologic Basis for a Chest CT Deep Learning Survival Prediction Model in Patients with Lung Adenocarcinoma. <i>Radiology</i> , 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. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2014, 147, 915-920.	0.4	9
155	Automated identification of chest radiographs with referable abnormality with deep learning: need for recalibration. <i>European Radiology</i> , 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. <i>European Radiology</i> , 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. <i>Korean Journal of Radiology</i> , 2014, 15, 386.	1.5	8
158	PET/MR Imaging for Chest Diseases. <i>Magnetic Resonance Imaging Clinics of North America</i> , 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. <i>Thoracic Cancer</i> , 2018, 9, 1525-1527.	0.8	8
160	Visual discrimination of screen-detected persistent from transient subsolid nodules: An observer study. <i>PLoS ONE</i> , 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. <i>European Radiology</i> , 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. <i>Diagnostic and Interventional Radiology</i> , 2016, 22, 231-240.	0.7	8

#	ARTICLE	IF	CITATIONS
163	Artificial intelligence system for identification of false-negative interpretations in chest radiographs. <i>European Radiology</i> , 2022, 32, 4468-4478.	2.3	8
164	Follicular dendritic cell sarcoma of the mediastinum: CT and ¹⁸ F-fluoro-2-deoxyglucose PET findings. <i>Thoracic Cancer</i> , 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. <i>Korean Journal of Radiology</i> , 2017, 18, 402.	1.5	7
166	Juxtapleural (Perifissural) Nodules: Does Location Mean a Benign Lesion?. <i>Radiology</i> , 2018, 288, 876-877.	3.6	7
167	Clustered micronodules as predominant manifestation on CT: A sign of active but indolently evolving pulmonary tuberculosis. <i>PLoS ONE</i> , 2020, 15, e0231537.	1.1	7
168	Cone-Beam CT-Guided Percutaneous Transthoracic Needle Lung Biopsy of Juxtaphrenic Lesions: Diagnostic Accuracy and Complications. <i>Korean Journal of Radiology</i> , 2021, 22, 1203.	1.5	7
169	Diagnosis of Idiopathic Pulmonary Fibrosis in a Possible Usual Interstitial Pneumonia Pattern: a meta-analysis. <i>Scientific Reports</i> , 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. <i>Korean Journal of Radiology</i> , 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. <i>European Radiology</i> , 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. <i>Medicine (United States)</i> , 2016, 95, e3419.	0.4	5
173	Inspiratory Lung Expansion in Patients with Interstitial Lung Disease: CT Histogram Analyses. <i>Scientific Reports</i> , 2018, 8, 15265.	1.6	5
174	Sleeve Lobectomy for Non-Small Cell Lung Cancers: Predictive CT Features for Resectability and Outcome Analysis. <i>American Journal of Roentgenology</i> , 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. <i>European Radiology</i> , 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. <i>Chest</i> , 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. <i>European Radiology</i> , 2017, 27, 3257-3265.	2.3	4
178	Cone-Beam CT Virtual Navigation-Guided Percutaneous Needle Biopsy of Suspicious Pleural Metastasis: A Pilot Study. <i>Korean Journal of Radiology</i> , 2018, 19, 872.	1.5	4
179	Learning Curve of C-Arm Cone-beam Computed Tomography Virtual Navigation-Guided Percutaneous Transthoracic Needle Biopsy. <i>Korean Journal of Radiology</i> , 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?. <i>European Radiology</i> , 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. <i>European Radiology</i> , 2021, 31, 7283-7294.	2.3	4
182	Lung Cancer Screening with Low-Dose CT: Current Status in Other Countries. <i>Journal of the Korean Society of Radiology</i> , 2019, 80, 849.	0.1	4
183	CT and 18F-FDG PET abnormalities in contacts with recent tuberculosis infections but negative chest X-ray. <i>Insights Into Imaging</i> , 2022, 13, .	1.6	4
184	Evaluation of Azygous Vein Aneurysm Using Integrated PET/MRI. <i>Nuclear Medicine and Molecular Imaging</i> , 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. <i>Korean Journal of Radiology</i> , 2015, 16, 648.	1.5	3
186	CT quantification of the heterogeneity of fibrosis boundaries in idiopathic pulmonary fibrosis. <i>European Radiology</i> , 2021, 31, 5148-5159.	2.3	3
187	Automatic prediction of left cardiac chamber enlargement from chest radiographs using convolutional neural network. <i>European Radiology</i> , 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. <i>PLoS ONE</i> , 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. <i>Radiotherapy and Oncology</i> , 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. <i>Radiology</i> , 2022, 303, 632-643.	3.6	3
191	Deep Learningâ€“Based Automatic CT Quantification of Coronavirus Disease 2019 Pneumonia: An International Collaborative Study. <i>Journal of Computer Assisted Tomography</i> , 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. <i>Lung Cancer</i> , 2019, 134, 151-157.	0.9	2
193	Effectiveness of radiologist training in improving reader agreement for Lung-RADS 4X categorization. <i>European Radiology</i> , 2021, 31, 8147-8159.	2.3	2
194	Deep Learningâ€“based Super-Resolution Algorithm: Potential in the Management of Subsolid Nodules. <i>Radiology</i> , 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. <i>European Radiology</i> , 2022, 32, 213-222.	2.3	2
196	Right-Angled Traction Bronchiectasis in Differentiating Idiopathic Pulmonary Fibrosis Without Honeycombing From Idiopathic Nonspecific Interstitial Pneumonia. <i>Investigative Radiology</i> , 2020, 55, 387-395.	3.5	2
197	Relationship Between Ktrans and K1 with Simultaneous Versus Separate MR/PET in Rabbits with VX2 Tumors. <i>Anticancer Research</i> , 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. <i>Journal of the Korean Society of Radiology</i> , 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. <i>Journal of the Korean Society of Radiology</i> , 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. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2022, 43, 851-861.	0.8	2
201	CT Characteristics of Lung Nodules Present at Diagnosis of Extrapulmonary Malignancy in Children. <i>American Journal of Roentgenology</i> , 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. <i>Nuclear Medicine Communications</i> , 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. <i>British Journal of Radiology</i> , 2018, 91, 20170796.	1.0	1
204	Basics and Clinical Application of CT for Pulmonary Functional Evaluation. <i>Medical Radiology</i> , 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. <i>European Radiology</i> , 2022, 32, 4395-4404.	2.3	1
206	Deep learning computer-aided detection system for pneumonia in febrile neutropenia patients: a diagnostic cohort study. <i>BMC Pulmonary Medicine</i> , 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. <i>Radiology</i> , 2019, 292, 499-500.	3.6	0
209	Usefulness of staging chest-CT in patients with operable breast cancer. <i>PLoS ONE</i> , 2021, 16, e0246563.	1.1	0
210	The Global Reading Room: A Likely Infectious Abnormality on Lung Cancer Screening CT. <i>American Journal of Roentgenology</i> , 2021, , .	1.0	0
211	Computer-Aided Diagnosis in Chest CT. <i>Tuberculosis and Respiratory Diseases</i> , 2004, 57, 515.	0.7	0
212	Computer-Aided Diagnosis and Quantification in Chest CT. <i>Medical Radiology</i> , 2016, , 431-449.	0.0	0