

Hiroto Hatabu

List of Publications by Year in descending order

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Version: 2024-02-01

188
papers

12,433
citations

26630

56
h-index

29157

104
g-index

191
all docs

191
docs citations

191
times ranked

10307
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring immune-checkpoint blockade: response evaluation and biomarker development. <i>Nature Reviews Clinical Oncology</i> , 2017, 14, 655-668.	27.6	787
2	Incidence of Programmed Cell Death 1 Inhibitor-Related Pneumonitis in Patients With Advanced Cancer. <i>JAMA Oncology</i> , 2016, 2, 1607.	7.1	600
3	Lung Volumes and Emphysema in Smokers with Interstitial Lung Abnormalities. <i>New England Journal of Medicine</i> , 2011, 364, 897-906.	27.0	468
4	Noninvasive assessment of regional ventilation in the human lung using oxygen-enhanced magnetic resonance imaging. <i>Nature Medicine</i> , 1996, 2, 1236-1239.	30.7	397
5	PD-1 Inhibitor-Related Pneumonitis in Advanced Cancer Patients: Radiographic Patterns and Clinical Course. <i>Clinical Cancer Research</i> , 2016, 22, 6051-6060.	7.0	393
6	<i>MUC5B</i> Promoter Polymorphism and Interstitial Lung Abnormalities. <i>New England Journal of Medicine</i> , 2013, 368, 2192-2200.	27.0	358
7	Anti-PD-1-Related Pneumonitis during Cancer Immunotherapy. <i>New England Journal of Medicine</i> , 2015, 373, 288-290.	27.0	339
8	Association Between Interstitial Lung Abnormalities and All-Cause Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 672.	7.4	333
9	Interstitial lung abnormalities detected incidentally on CT: a Position Paper from the Fleischner Society. <i>Lancet Respiratory Medicine</i> , 2020, 8, 726-737.	10.7	279
10	Radiation Dose Reduction in Chest CT: A Review. <i>American Journal of Roentgenology</i> , 2008, 190, 335-343.	2.2	257
11	Development and Progression of Interstitial Lung Abnormalities in the Framingham Heart Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 1514-1522.	5.6	233
12	Pulmonary perfusion: Qualitative assessment with dynamic contrast-enhanced MRI using ultra-short TE and inversion recovery turbo FLASH. <i>Magnetic Resonance in Medicine</i> , 1996, 36, 503-508.	3.0	218
13	Quantitative assessment of regional pulmonary perfusion in the entire lung using three-dimensional ultrafast dynamic contrast-enhanced magnetic resonance imaging: Preliminary experience in 40 subjects. <i>Journal of Magnetic Resonance Imaging</i> , 2004, 20, 353-365.	3.4	189
14	New Response Evaluation Criteria in Solid Tumors (RECIST) Guidelines for Advanced Non-Small Cell Lung Cancer: Comparison With Original RECIST and Impact on Assessment of Tumor Response to Targeted Therapy. <i>American Journal of Roentgenology</i> , 2010, 195, W221-W228.	2.2	182
15	Identification of Early Interstitial Lung Disease in Smokers from the COPD Gene Study. <i>Academic Radiology</i> , 2010, 17, 48-53.	2.5	175
16	Quantitative assessment of pulmonary perfusion with dynamic contrast-enhanced MRI. <i>Magnetic Resonance in Medicine</i> , 1999, 42, 1033-1038.	3.0	170
17	Personalized Tumor Response Assessment in the Era of Molecular Medicine: Cancer-Specific and Therapy-Specific Response Criteria to Complement Pitfalls of RECIST. <i>American Journal of Roentgenology</i> , 2012, 198, 737-745.	2.2	169
18	T2* and proton density measurement of normal human lung parenchyma using submillisecond echo time gradient echo magnetic resonance imaging. <i>European Journal of Radiology</i> , 1999, 29, 245-252.	2.6	168

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19	Effect of oxygen inhalation on relaxation times in various tissues. Journal of Magnetic Resonance Imaging, 1997, 7, 220-225.	3.4	165
20	Imaging of Cancer Immunotherapy: Current Approaches and Future Directions. Radiology, 2019, 290, 9-22.	7.3	147
21	Solitary Pulmonary Nodules: Potential Role of Dynamic MR Imaging in Management—Initial Experience. Radiology, 2002, 224, 503-511.	7.3	142
22	Imaging Patterns Are Associated with Interstitial Lung Abnormality Progression and Mortality. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 175-183.	5.6	142
23	Anti-PD-1 Inhibitor-Related Pneumonitis in Non-Small Cell Lung Cancer. Cancer Immunology Research, 2016, 4, 289-293.	3.4	135
24	Hyperpolarized 129Xe MRI: A viable functional lung imaging modality?. European Journal of Radiology, 2007, 64, 335-344.	2.6	130
25	MR imaging of pulmonary parenchyma with a half-Fourier single-shot turbo spin-echo (HASTE) sequence. European Journal of Radiology, 1999, 29, 152-159.	2.6	121
26	MR Angiography with Sensitivity Encoding (SENSE) for Suspected Pulmonary Embolism: Comparison with MDCT and Ventilation-Perfusion Scintigraphy. American Journal of Roentgenology, 2004, 183, 91-98.	2.2	121
27	Metastases in Mediastinal and Hilar Lymph Nodes in Patients with Non-Small Cell Lung Cancer: Quantitative and Qualitative Assessment with STIR Turbo Spin-Echo MR Imaging. Radiology, 2004, 231, 872-879.	7.3	118
28	Evaluation of regional pulmonary perfusion using ultrafast magnetic resonance imaging. Magnetic Resonance in Medicine, 2001, 46, 166-171.	3.0	116
29	State of the Art: Response Assessment in Lung Cancer in the Era of Genomic Medicine. Radiology, 2014, 271, 6-27.	7.3	114
30	Primary Pulmonary Hypertension: 3D Dynamic Perfusion MRI for Quantitative Analysis of Regional Pulmonary Perfusion. American Journal of Roentgenology, 2007, 188, 48-56.	2.2	108
31	Interstitial Lung Abnormalities and Reduced Exercise Capacity. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 756-762.	5.6	106
32	Multi-Slice, Breathhold Imaging of the Lung with Submillisecond Echo Times. Magnetic Resonance in Medicine, 1995, 33, 678-682.	3.0	105
33	Dynamic oxygen-enhanced MRI reflects diffusing capacity of the lung. Magnetic Resonance in Medicine, 2002, 47, 1139-1144.	3.0	99
34	Oxygen enhanced MR ventilation imaging of the lung. Magnetic Resonance Materials in Physics, Biology, and Medicine, 1998, 7, 153-161.	2.0	96
35	Expanding Applications of Pulmonary MRI in the Clinical Evaluation of Lung Disorders: Fleischner Society Position Paper. Radiology, 2020, 297, 286-301.	7.3	95
36	Immune-related response assessment during PD-1 inhibitor therapy in advanced non-small-cell lung cancer patients. , 2016, 4, 84.		94

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37	Deep Learning Applications in Chest Radiography and Computed Tomography. <i>Journal of Thoracic Imaging</i> , 2019, 34, 75-85.	1.5	90
38	Oxygen-Enhanced MR Ventilation Imaging of the Lung. <i>American Journal of Roentgenology</i> , 2001, 177, 185-194.	2.2	89
39	Pulmonary Disorders: Ventilation-Perfusion MR Imaging with Animal Models. <i>Radiology</i> , 1999, 213, 871-879.	7.3	87
40	Multiphase ECG-triggered 3D contrast-enhanced MR angiography: Utility for evaluation of hilar and mediastinal invasion of bronchogenic carcinoma. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 13, 215-224.	3.4	85
41	CT Tumor Volume Measurement in Advanced Non-small-cell Lung Cancer. <i>Academic Radiology</i> , 2011, 18, 54-62.	2.5	83
42	Fast magnetic resonance imaging of the lung. <i>European Journal of Radiology</i> , 1999, 29, 114-132.	2.6	82
43	Radiation dose reduction in chest CT—Review of available options. <i>European Journal of Radiology</i> , 2014, 83, 1953-1961.	2.6	80
44	Functional Impact of a Spectrum of Interstitial Lung Abnormalities in Rheumatoid Arthritis. <i>Chest</i> , 2014, 146, 41-50.	0.8	78
45	Histopathology of Interstitial Lung Abnormalities in the Context of Lung Nodule Resections. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 955-958.	5.6	78
46	Overlap of Genetic Risk between Interstitial Lung Abnormalities and Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 1402-1413.	5.6	77
47	Oxygen-enhanced MR Imaging: Correlation with Postsurgical Lung Function in Patients with Lung Cancer. <i>Radiology</i> , 2005, 236, 704-711.	7.3	71
48	Interstitial Lung Abnormality: Recognition and Perspectives. <i>Radiology</i> , 2019, 291, 1-3.	7.3	70
49	Incidence of Pseudoprogression during Immune Checkpoint Inhibitor Therapy for Solid Tumors: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2020, 297, 87-96.	7.3	70
50	Tumor Response Dynamics of Advanced Non-small Cell Lung Cancer Patients Treated with PD-1 Inhibitors: Imaging Markers for Treatment Outcome. <i>Clinical Cancer Research</i> , 2017, 23, 5737-5744.	7.0	69
51	Radiographic assessment and therapeutic decisions at RECIST progression in EGFR-mutant NSCLC treated with EGFR tyrosine kinase inhibitors. <i>Lung Cancer</i> , 2013, 79, 283-288.	2.0	68
52	Vascular Enhancement and Image Quality of MDCT Pulmonary Angiography in 400 Cases: Comparison of Standard and Low Kilovoltage Settings. <i>American Journal of Roentgenology</i> , 2009, 192, 1651-1656.	2.2	67
53	Pulmonary ventilation: dynamic MRI with inhalation of molecular oxygen. <i>European Journal of Radiology</i> , 2001, 37, 172-178.	2.6	64
54	Interstitial Lung Abnormalities: State of the Art. <i>Radiology</i> , 2021, 301, 19-34.	7.3	63

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55	Screening for lung cancer: Does MRI have a role?. <i>European Journal of Radiology</i> , 2017, 86, 353-360.	2.6	62
56	Quantitative analysis of the velocity and synchronicity of diaphragmatic motion: dynamic MRI in different postures. <i>Magnetic Resonance Imaging</i> , 2006, 24, 1325-1332.	1.8	61
57	Time-resolved contrast-enhanced pulmonary MR angiography using sensitivity encoding (SENSE). <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 330-336.	3.4	59
58	Sarcoid-Like Granulomatosis of the Lung Related to Immune-Checkpoint Inhibitors: Distinct Clinical and Imaging Features of a Unique Immune-Related Adverse Event. <i>Cancer Immunology Research</i> , 2018, 6, 630-635.	3.4	59
59	Pneumonitis in advanced non-small-cell lung cancer patients treated with EGFR tyrosine kinase inhibitor: Meta-analysis of 153 cohorts with 15,713 patients. <i>Lung Cancer</i> , 2018, 123, 60-69.	2.0	58
60	Characterization of regional pulmonary mechanics from serial magnetic resonance imaging data1. <i>Academic Radiology</i> , 2003, 10, 1147-1152.	2.5	57
61	A practical approach to high-resolution CT of diffuse lung disease. <i>European Journal of Radiology</i> , 2014, 83, 6-19.	2.6	57
62	Normal thymus in adults: appearance on CT and associations with age, sex, BMI and smoking. <i>European Radiology</i> , 2016, 26, 15-24.	4.5	57
63	Thoracic Complications of Precision Cancer Therapies: A Practical Guide for Radiologists in the New Era of Cancer Care. <i>Radiographics</i> , 2017, 37, 1371-1387.	3.3	56
64	Differentiation of metastatic versus non-metastatic mediastinal lymph nodes in patients with non-small cell lung cancer using respiratory-triggered short inversion time inversion recovery (STIR) turbo spin-echo MR imaging. <i>European Journal of Radiology</i> , 2002, 44, 216-224.	2.6	55
65	Basics concepts and clinical applications of oxygen-enhanced MR imaging. <i>European Journal of Radiology</i> , 2007, 64, 320-328.	2.6	55
66	The <i>MUC5B</i> promoter polymorphism is associated with specific interstitial lung abnormality subtypes. <i>European Respiratory Journal</i> , 2017, 50, 1700537.	6.7	55
67	Interstitial lung abnormalities in treatment-naïve advanced non-small-cell lung cancer patients are associated with shorter survival. <i>European Journal of Radiology</i> , 2015, 84, 998-1004.	2.6	54
68	Pulmonary Mucormycosis: Radiologic Features at Presentation and Over Time. <i>American Journal of Roentgenology</i> , 2018, 210, 742-747.	2.2	54
69	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.	7.3	53
70	Chest CT Diagnosis and Clinical Management of Drug-Related Pneumonitis in Patients Receiving Molecular Targeting Agents and Immune Checkpoint Inhibitors. <i>Chest</i> , 2021, 159, 1107-1125.	0.8	53
71	Lifestyle and Clinical Risk Factors for Incident Rheumatoid Arthritis-associated Interstitial Lung Disease. <i>Journal of Rheumatology</i> , 2021, 48, 656-663.	2.0	52
72	Tumor Volume Decrease at 8 Weeks Is Associated with Longer Survival in EGFR-Mutant Advanced Non-Small-Cell Lung Cancer Patients Treated with EGFR TKI. <i>Journal of Thoracic Oncology</i> , 2013, 8, 1059-1068.	1.1	48

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73	Pulmonary cysts identified on chest CT: are they part of aging change or of clinical significance?. Thorax, 2015, 70, 1156-1162.	5.6	48
74	Architecture of the Lung. Journal of Thoracic Imaging, 2004, 19, 221-227.	1.5	47
75	Correlation Between Image Noise and Body Weight in Coronary CTA with 16-row MDCT. Academic Radiology, 2006, 13, 324-328.	2.5	47
76	Anterior mediastinal masses in the Framingham Heart Study: Prevalence and CT image characteristics. European Journal of Radiology Open, 2015, 2, 26-31.	1.6	46
77	Drug-Related Pneumonitis During Mammalian Target of Rapamycin Inhibitor Therapy: Radiographic Pattern-Based Approach in Waldenström Macroglobulinemia as a Paradigm. Oncologist, 2015, 20, 1077-1083.	3.7	46
78	Drug-related pneumonitis during mammalian target of rapamycin inhibitor therapy in patients with neuroendocrine tumors: a radiographic pattern-based approach. European Journal of Cancer, 2016, 53, 163-170.	2.8	45
79	Imaging of Precision Therapy for Lung Cancer: Current State of the Art. Radiology, 2019, 293, 15-29.	7.3	45
80	Interstitial Lung Abnormalities Are Associated with Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 138-141.	5.6	44
81	Pulmonary hyperpolarized noble gas MRI: Recent advances and perspectives in clinical application. European Journal of Radiology, 2014, 83, 1282-1291.	2.6	43
82	Paraseptal emphysema: Prevalence and distribution on CT and association with interstitial lung abnormalities. European Journal of Radiology, 2015, 84, 1413-1418.	2.6	42
83	Volumetric tumor growth in advanced non-small cell lung cancer patients with EGFR mutations during EGFR tyrosine kinase inhibitor therapy. Cancer, 2013, 119, 3761-3768.	4.1	40
84	RECIST 1.1 in NSCLC Patients With EGFR Mutations Treated With EGFR Tyrosine Kinase Inhibitors: Comparison With RECIST 1.0. American Journal of Roentgenology, 2013, 201, W64-W71.	2.2	39
85	A comparison of visual and quantitative methods to identify interstitial lung abnormalities. BMC Pulmonary Medicine, 2015, 15, 134.	2.0	39
86	Noninvasive pulmonary perfusion imaging by STAR-HASTE sequence. Magnetic Resonance in Medicine, 2000, 44, 808-812.	3.0	38
87	Traction Bronchiectasis/Bronchiolectasis is Associated with Interstitial Lung Abnormality Mortality. European Journal of Radiology, 2020, 129, 109073.	2.6	38
88	Imaging of Lung Cancer in the Era of Molecular Medicine. Academic Radiology, 2011, 18, 424-436.	2.5	37
89	Difference in diaphragmatic motion during tidal breathing in a standing position between COPD patients and normal subjects: Time-resolved quantitative evaluation using dynamic chest radiography with flat panel detector system (dynamic X-ray phrenicography). European Journal of Radiology, 2017, 87, 76-82.	2.6	37
90	Clinical and Genetic Associations of Objectively Identified Interstitial Changes in Smokers. Chest, 2017, 152, 780-791.	0.8	37

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91	The Objective Identification and Quantification of Interstitial Lung Abnormalities in Smokers. <i>Academic Radiology</i> , 2017, 24, 941-946.	2.5	37
92	Interstitial Features at Chest CT Enhance the Deleterious Effects of Emphysema in the COPD Gene Cohort. <i>Radiology</i> , 2018, 288, 600-609.	7.3	37
93	Drug-Related Pneumonitis in the Era of Precision Cancer Therapy. <i>JCO Precision Oncology</i> , 2017, 1, 1-12.	3.0	35
94	MRI for solitary pulmonary nodule and mass assessment: Current state of the art. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 47, 1437-1458.	3.4	35
95	The Association of Aging Biomarkers, Interstitial Lung Abnormalities, and Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 203, 1149-1157.	5.6	35
96	Lung parenchymal signal intensity in MRI: A technical review with educational aspirations regarding reversible versus irreversible transverse relaxation effects in common pulse sequences. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2014, 43A, 29-53.	0.5	33
97	Low dose chest CT protocol (50 mAs) as a routine protocol for comprehensive assessment of intrathoracic abnormality. <i>European Journal of Radiology Open</i> , 2016, 3, 86-94.	1.6	33
98	Volumetric Tumor Response and Progression in EGFR-mutant NSCLC Patients Treated with Erlotinib or Gefitinib. <i>Academic Radiology</i> , 2016, 23, 329-336.	2.5	33
99	Decreased and slower diaphragmatic motion during forced breathing in severe COPD patients: Time-resolved quantitative analysis using dynamic chest radiography with a flat panel detector system. <i>European Journal of Radiology</i> , 2019, 112, 28-36.	2.6	33
100	Time-Resolved Quantitative Analysis of the Diaphragms During Tidal Breathing in a Standing Position Using Dynamic Chest Radiography with a Flat Panel Detector System (â€œDynamic X-Ray Phrenicographyâ€). <i>Academic Radiology</i> , 2017, 24, 393-400.	2.5	32
101	Standard-dose vs. low-dose CT protocols in the evaluation of localized lung lesions: Capability for lesion characterizationâ€”iLEAD study. <i>European Journal of Radiology Open</i> , 2016, 3, 67-73.	1.6	30
102	Pulmonary Functional Imaging: Part 2â€”State-of-the-Art Clinical Applications and Opportunities for Improved Patient Care. <i>Radiology</i> , 2021, 299, 524-538.	7.3	29
103	Pulmonary Functional Imaging: Part 1â€”State-of-the-Art Technical and Physiologic Underpinnings. <i>Radiology</i> , 2021, 299, 508-523.	7.3	29
104	Radiographic pulmonary vessel volume, lung function and airways disease in the Framingham Heart Study. <i>European Respiratory Journal</i> , 2019, 54, 1900408.	6.7	28
105	The incidence of ALK inhibitor-related pneumonitis in advanced non-small-cell lung cancer patients: A systematic review and meta-analysis. <i>Lung Cancer</i> , 2019, 132, 79-86.	2.0	28
106	Clinical Oxygen-Enhanced Magnetic Resonance Imaging of the Lung. <i>Topics in Magnetic Resonance Imaging</i> , 2003, 14, 237-243.	1.2	26
107	Detection and Early Referral of Patients With Interstitial Lung Abnormalities. <i>Chest</i> , 2022, 161, 470-482.	0.8	26
108	The Associations of Interstitial Lung Abnormalities with Cancer Diagnoses and Mortality. <i>European Respiratory Journal</i> , 2020, 56, 1902154.	6.7	24

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109	Dynamic observation of pulmonary perfusion using continuous arterial spin-labeling in a pig model. <i>Journal of Magnetic Resonance Imaging</i> , 2001, 14, 175-180.	3.4	23
110	Functional MR Imaging of the Lung. <i>Magnetic Resonance Imaging Clinics of North America</i> , 2008, 16, 275-289.	1.1	23
111	Interstitial lung abnormality in stage IV non-small cell lung cancer: A validation study for the association with poor clinical outcome. <i>European Journal of Radiology Open</i> , 2019, 6, 128-131.	1.6	23
112	Use of 3D Adaptive Raw-Data Filter in CT of the Lung: Effect on Radiation Dose Reduction. <i>American Journal of Roentgenology</i> , 2008, 191, W167-W174.	2.2	22
113	Significance of the Reverse Halo Sign in Immunocompromised Patients. <i>American Journal of Roentgenology</i> , 2019, 213, 549-554.	2.2	22
114	Time-resolved quantitative evaluation of diaphragmatic motion during forced breathing in a health screening cohort in a standing position: Dynamic chest phrenicography. <i>European Journal of Radiology</i> , 2019, 113, 59-65.	2.6	22
115	Dynamic Chest X-Ray Using a Flat-Panel Detector System: Technique and Applications. <i>Korean Journal of Radiology</i> , 2021, 22, 634.	3.4	22
116	Magnetic resonance angiography for the primary diagnosis of pulmonary embolism: A review from the international workshop for pulmonary functional imaging. <i>World Journal of Radiology</i> , 2018, 10, 52-64.	1.1	22
117	Axillary Lymphadenopathy After Coronavirus Disease 2019 Vaccinations in Patients With Thoracic Malignancy: Incidence, Predisposing Factors, and Imaging Characteristics. <i>Journal of Thoracic Oncology</i> , 2021, , .	1.1	21
118	Connective tissue disease-related interstitial lung disease (CTD-ILD) and interstitial lung abnormality (ILA): Evolving concept of CT findings, pathology and management. <i>European Journal of Radiology Open</i> , 2022, 9, 100419.	1.6	21
119	Increased Airway Wall Thickness in Interstitial Lung Abnormalities and Idiopathic Pulmonary Fibrosis. <i>Annals of the American Thoracic Society</i> , 2019, 16, 447-454.	3.2	20
120	Radiographic patterns of symptomatic radiation pneumonitis in lung cancer patients: Imaging predictors for clinical severity and outcome. <i>Lung Cancer</i> , 2020, 145, 132-139.	2.0	20
121	Spectrum of Pulmonary Fibrosis from Interstitial Lung Abnormality to Usual Interstitial Pneumonia: Importance of Identification and Quantification of Traction Bronchiectasis in Patient Management. <i>Korean Journal of Radiology</i> , 2021, 22, 811.	3.4	20
122	Programmed Death-1/Programmed Death Ligand-1 Inhibitor-Related Pneumonitis and Radiographic Patterns. <i>Journal of Clinical Oncology</i> , 2017, 35, 1628-1629.	1.6	19
123	Incidental nonneoplastic parenchymal findings in patients undergoing lung resection for mass lesions. <i>Human Pathology</i> , 2019, 86, 93-101.	2.0	19
124	Pulmonary MR angiography with contrast agent at 4 Tesla: A preliminary result. <i>Magnetic Resonance in Medicine</i> , 2001, 46, 1028-1030.	3.0	18
125	Interstitial lung abnormalities and self-reported health and functional status. <i>Thorax</i> , 2018, 73, 884-886.	5.6	18
126	<sc>PD</sc>-inhibitor-related pneumonitis in lymphoma patients treated with single-agent pembrolizumab therapy. <i>British Journal of Haematology</i> , 2018, 180, 752-755.	2.5	18

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127	CT and MR in pulmonary embolism: A changing role for nuclear medicine in diagnostic strategy. <i>Seminars in Nuclear Medicine</i> , 2002, 32, 183-192.	4.6	16
128	3-Dimensional Adaptive Raw-Data Filter. <i>Journal of Computer Assisted Tomography</i> , 2006, 30, 933-938.	0.9	16
129	Low dose multi-detector CT of the chest (iLEAD Study): Visual ranking of different simulated mAs levels. <i>European Journal of Radiology</i> , 2010, 73, 428-433.	2.6	16
130	Disease Severity Dependence of the Longitudinal Association Between CT Lung Density and Lung Function in Smokers. <i>Chest</i> , 2018, 153, 638-645.	0.8	16
131	Co-clinical quantitative tumor volume imaging in ALK-rearranged NSCLC treated with crizotinib. <i>European Journal of Radiology</i> , 2017, 88, 15-20.	2.6	15
132	Lung Mass in Smokers. <i>Academic Radiology</i> , 2017, 24, 386-392.	2.5	15
133	Progression of traction bronchiectasis/bronchiolectasis in interstitial lung abnormalities is associated with increased all-cause mortality: Age Gene/Environment Susceptibility-Reykjavik Study. <i>European Journal of Radiology Open</i> , 2021, 8, 100334.	1.6	15
134	Thymic Measurements in Pathologically Proven Normal Thymus and Thymic Hyperplasia. <i>Academic Radiology</i> , 2014, 21, 733-742.	2.5	14
135	Securing safe and informative thoracic CT examinations—Progress of radiation dose reduction techniques. <i>European Journal of Radiology</i> , 2017, 86, 313-319.	2.6	14
136	Projected lung areas using dynamic X-ray (DXR). <i>European Journal of Radiology Open</i> , 2020, 7, 100263.	1.6	14
137	Simple quantitative chest CT for pulmonary edema. <i>European Journal of Radiology Open</i> , 2020, 7, 100273.	1.6	14
138	Screening for preclinical parenchymal lung disease in rheumatoid arthritis. <i>Rheumatology</i> , 2022, 61, 3234-3245.	1.9	14
139	Difference in the craniocaudal gradient of the maximum pixel value change rate between chronic obstructive pulmonary disease patients and normal subjects using sub-mGy dynamic chest radiography with a flat panel detector system. <i>European Journal of Radiology</i> , 2017, 92, 37-44.	2.6	13
140	Association between acute respiratory disease events and the <i>MUC5B</i> promoter polymorphism in smokers. <i>Thorax</i> , 2018, 73, 1071-1074.	5.6	13
141	Immune-related adverse events on body CT in patients with small-cell lung cancer treated with immune-checkpoint inhibitors. <i>European Journal of Radiology</i> , 2020, 132, 109275.	2.6	13
142	Traction Bronchiectasis/Bronchiolectasis on CT Scans in Relationship to Clinical Outcomes and Mortality: The COPDGene Study. <i>Radiology</i> , 2022, 304, 694-701.	7.3	13
143	Structural basis for pulmonary functional imaging. <i>European Journal of Radiology</i> , 2001, 37, 143-154.	2.6	12
144	Synopsis from Expanding Applications of Pulmonary MRI in the Clinical Evaluation of Lung Disorders. <i>Chest</i> , 2021, 159, 492-495.	0.8	12

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145	Interstitial lung abnormalities in patients with stage I non-small cell lung cancer are associated with shorter overall survival: the Boston lung cancer study. <i>Cancer Imaging</i> , 2021, 21, 14.	2.8	12
146	Cavities in the lung in oncology patients: Imaging overview and differential diagnoses. , 0, , 10-21.		12
147	Pleural abnormalities in the Framingham Heart Study: prevalence and CT image features. <i>Occupational and Environmental Medicine</i> , 2017, 74, 756-761.	2.8	11
148	Psychological impact of genetic and clinical screening for pulmonary fibrosis on asymptomatic first-degree relatives of affected individuals. <i>Thorax</i> , 2021, 76, 621-623.	5.6	11
149	Associations of Monocyte Count and Other Immune Cell Types with Interstitial Lung Abnormalities. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 795-805.	5.6	11
150	Inter-observer agreement in identifying traction bronchiectasis on computed tomography: its improvement with the use of the additional criteria for chronic fibrosing interstitial pneumonia. <i>Japanese Journal of Radiology</i> , 2019, 37, 773-780.	2.4	10
151	Interstitial lung abnormalities and physical function. <i>ERJ Open Research</i> , 2018, 4, 00057-2018.	2.6	9
152	Objectively Measured Chronic Lung Injury on Chest CT. <i>Chest</i> , 2019, 156, 1149-1159.	0.8	9
153	Automated image analysis tool for tumor volume growth rate to guide precision cancer therapy: EGFR-mutant non-small-cell lung cancer as a paradigm. <i>European Journal of Radiology</i> , 2018, 109, 68-76.	2.6	8
154	Interstitial lung abnormality (ILA) and nonspecific interstitial pneumonia (NSIP). <i>European Journal of Radiology Open</i> , 2021, 8, 100336.	1.6	8
155	Subsolid pulmonary nodules: Controversy and perspective. <i>European Journal of Radiology Open</i> , 2020, 7, 100267.	1.6	8
156	Interstitial Lung Abnormalities, Emphysema, and Spirometry in Smokers. <i>Chest</i> , 2022, 161, 999-1010.	0.8	8
157	Interstitial lung abnormalities are associated with decreased mean telomere length. <i>European Respiratory Journal</i> , 2022, 60, 2101814.	6.7	8
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