David A Lynch

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5424766/publications.pdf

Version: 2024-02-01

204 papers	27,423 citations	17440 63 h-index	5988 160 g-index
214 all docs	214 docs citations	214 times ranked	16854 citing authors

#	Article	IF	Citations
1	An Official ATS/ERS/JRS/ALAT Statement: Idiopathic Pulmonary Fibrosis: Evidence-based Guidelines for Diagnosis and Management. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 788-824.	5.6	6,033
2	An Official American Thoracic Society/European Respiratory Society Statement: Update of the International Multidisciplinary Classification of the Idiopathic Interstitial Pneumonias. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 733-748.	5.6	3,134
3	Genetic Epidemiology of COPD (COPDGene) Study Design. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2011, 7, 32-43.	1.6	1,007
4	Acute Exacerbation of Idiopathic Pulmonary Fibrosis. An International Working Group Report. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 265-275.	5.6	1,006
5	The National Lung Screening Trial: Overview and Study Design. Radiology, 2011, 258, 243-253.	7.3	992
6	An official European Respiratory Society/American Thoracic Society research statement: interstitial pneumonia with autoimmune features. European Respiratory Journal, 2015, 46, 976-987.	6.7	803
7	Idiopathic Pulmonary Fibrosis (an Update) and Progressive Pulmonary Fibrosis in Adults: An Official ATS/ERS/JRS/ALAT Clinical Practice Guideline. American Journal of Respiratory and Critical Care Medicine, 2022, 205, e18-e47.	5.6	780
8	Diagnostic criteria for idiopathic pulmonary fibrosis: a Fleischner Society White Paper. Lancet Respiratory Medicine,the, 2018, 6, 138-153.	10.7	739
9	Fas Preassociation Required for Apoptosis Signaling and Dominant Inhibition by Pathogenic Mutations. Science, 2000, 288, 2354-2357.	12.6	600
10	Utility of a Lung Biopsy for the Diagnosis of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 193-196.	5.6	525
11	Lung Volumes and Emphysema in Smokers with Interstitial Lung Abnormalities. New England Journal of Medicine, 2011, 364, 897-906.	27.0	468
12	CT-Definable Subtypes of Chronic Obstructive Pulmonary Disease: A Statement of the Fleischner Society. Radiology, 2015, 277, 192-205.	7.3	423
13	Chronic Obstructive Pulmonary Disease Exacerbations in the COPDGene Study: Associated Radiologic Phenotypes. Radiology, 2011, 261, 274-282.	7.3	373
14	Clinical and Radiologic Disease in Smokers With Normal Spirometry. JAMA Internal Medicine, 2015, 175, 1539.	5.1	360
15	Interobserver Variability in the CT Assessment of Honeycombing in the Lungs. Radiology, 2013, 266, 936-944.	7.3	331
16	Association between Functional Small Airway Disease and FEV₁ Decline in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 178-184.	5.6	292
17	Interstitial lung abnormalities detected incidentally on CT: a Position Paper from the Fleischner Society. Lancet Respiratory Medicine,the, 2020, 8, 726-737.	10.7	279
18	Idiopathic Pulmonary Fibrosis: Physiologic Tests, Quantitative CT Indexes, and CT Visual Scores as Predictors of Mortality. Radiology, 2008, 246, 935-940.	7.3	276

#	Article	IF	Citations
19	Relationships Between Airflow Obstruction and Quantitative CT Measurements of Emphysema, Air Trapping, and Airways in Subjects With and Without Chronic Obstructive Pulmonary Disease. American Journal of Roentgenology, 2013, 201, W460-W470.	2.2	252
20	Idiopathic Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 1054-1060.	5.6	241
21	Interstitial Lung Abnormalities in a CT Lung Cancer Screening Population: Prevalence and Progression Rate. Radiology, 2013, 268, 563-571.	7.3	239
22	High-Resolution CT Scan Findings in Patients With Symptomatic Scleroderma-Related Interstitial Lung Disease. Chest, 2008, 134, 358-367.	0.8	198
23	Epidemiology, genetics, and subtyping of preserved ratio impaired spirometry (PRISm) in COPDGene. Respiratory Research, 2014, 15, 89.	3.6	196
24	Identification of Early Interstitial Lung Disease in Smokers from the COPDGene Study. Academic Radiology, 2010, 17, 48-53.	2.5	175
25	A Standardized Diagnostic Ontology for Fibrotic Interstitial Lung Disease. An International Working Group Perspective. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1249-1254.	5.6	166
26	Quantitative CT Indexes in Idiopathic Pulmonary Fibrosis: Relationship with Physiologic Impairment. Radiology, 2003, 228, 407-414.	7.3	150
27	CT staging and monitoring of fibrotic interstitial lung diseases in clinical practice and treatment trials: a Position Paper from the Fleischner society. Lancet Respiratory Medicine,the, 2015, 3, 483-496.	10.7	149
28	CT Scan Findings of Probable Usual Interstitial Pneumonitis Have a High Predictive Value for Histologic Usual Interstitial Pneumonitis. Chest, 2015, 147, 450-459.	0.8	144
29	A Combined Pulmonary-Radiology Workshop for Visual Evaluation of COPD: Study Design, Chest CT Findings and Concordance with Quantitative Evaluation. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2012, 9, 151-159.	1.6	143
30	CT-based Visual Classification of Emphysema: Association with Mortality in the COPDGene Study. Radiology, 2018, 288, 859-866.	7.3	138
31	Clinically Significant Interstitial Lung Disease in Limited Scleroderma. Chest, 2008, 134, 601-605.	0.8	136
32	Clinical and Radiographic Predictors of GOLDâ€“Unclassified Smokers in the COPDGene Study. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 57-63.	5.6	131
33	A Genome-Wide Association Study of Emphysema and Airway Quantitative Imaging Phenotypes. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 559-569.	5.6	128
34	Treatment of Scleroderma-Interstitial Lung Disease With Cyclophosphamide Is Associated With Less Progressive Fibrosis on Serial Thoracic High-Resolution CT Scan Than Placebo. Chest, 2009, 136, 1333-1340.	0.8	127
35	Quantitative Computed Tomography in Chronic Obstructive Pulmonary Disease. Journal of Thoracic Imaging, 2013, 28, 284-290.	1.5	124
36	Quantitative Computed Tomography of the Lungs and Airways in Healthy Nonsmoking Adults. Investigative Radiology, 2012, 47, 596-602.	6.2	121

#	Article	IF	Citations
37	Idiopathic Pulmonary Fibrosis: Data-driven Textural Analysis of Extent of Fibrosis at Baseline and 15-Month Follow-up. Radiology, 2017, 285, 270-278.	7.3	121
38	Use of a molecular classifier to identify usual interstitial pneumonia in conventional transbronchial lung biopsy samples: a prospective validation study. Lancet Respiratory Medicine,the, 2019, 7, 487-496.	10.7	119
39	Distinct Quantitative Computed Tomography Emphysema Patterns Are Associated with Physiology and Function in Smokers. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1083-1090.	5.6	118
40	Phenotypes of Chronic Obstructive Pulmonary Disease. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2007, 4, 355-384.	1.6	116
41	CT of Post-Acute Lung Complications of COVID-19. Radiology, 2021, 301, E383-E395.	7.3	115
42	Lung Disease Related to Collagen Vascular Disease. Journal of Thoracic Imaging, 2009, 24, 299-309.	1.5	114
43	Classification of usual interstitial pneumonia in patients with interstitial lung disease: assessment of a machine learning approach using high-dimensional transcriptional data. Lancet Respiratory Medicine,the, 2015, 3, 473-482.	10.7	112
44	COPDGeneÂ® 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 384-399.	0.7	112
45	Cystic Lung Diseases. Chest, 2016, 150, 945-965.	0.8	107
46	Radiologicâ€“pathologic discordance in biopsy-proven usual interstitial pneumonia. European Respiratory Journal, 2016, 47, 1189-1197.	6.7	106
47	Diagnosis and Evaluation of Hypersensitivity Pneumonitis. Chest, 2021, 160, e97-e156.	0.8	104
48	American Thoracic Societyâ€“European Respiratory Society Classification of the Idiopathic Interstitial Pneumonias: Advances in Knowledge since 2002. Radiographics, 2015, 35, 1849-1871.	3.3	102
49	Idiopathic Pulmonary Fibrosis: The Association between the Adaptive Multiple Features Method and Fibrosis Outcomes. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 921-929.	5.6	102
50	Computed Tomographic Biomarkers in Idiopathic Pulmonary Fibrosis. The Future of Quantitative Analysis. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 12-21.	5.6	102
51	Imaging Advances in Chronic Obstructive Pulmonary Disease. Insights from the Genetic Epidemiology of Chronic Obstructive Pulmonary Disease (COPDGene) Study. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 286-301.	5.6	100
52	Quantitative texture-based assessment of one-year changes in fibrotic reticular patterns on HRCT in scleroderma lung disease treated with oral cyclophosphamide. European Radiology, 2011, 21, 2455-2465.	4.5	99
53	The Role of Chest Computed Tomography in the Evaluation and Management of the Patient with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 1372-1379.	5.6	97
54	Expanding Applications of Pulmonary MRI in the Clinical Evaluation of Lung Disorders: Fleischner Society Position Paper. Radiology, 2020, 297, 286-301.	7.3	95

#	Article	IF	Citations
55	Paired inspiratory-expiratory chest CT scans to assess for small airways disease in COPD. Respiratory Research, 2013, 14, 42.	3.6	93
56	Host and pathogen response to bacteriophage engineered against Mycobacterium abscessus lung infection. Cell, 2022, 185, 1860-1874.e12.	28.9	93
57	Deep Learning Enables Automatic Classification of Emphysema Pattern at CT. Radiology, 2020, 294, 434-444.	7.3	89
58	Comparison of Shallow and Deep Learning Methods on Classifying the Regional Pattern of Diffuse Lung Disease. Journal of Digital Imaging, 2018, 31, 415-424.	2.9	78
59	Usual Interstitial Pneumonia Can Be Detected in Transbronchial Biopsies Using Machine Learning. Annals of the American Thoracic Society, 2017, 14, 1646-1654.	3.2	77
60	Chronic Obstructive Pulmonary Disease: Lobe-based Visual Assessment of Volumetric CT by Using Standard Imagesâ€"Comparison with Quantitative CT and Pulmonary Function Test in the COPDGene Study. Radiology, 2013, 266, 626-635.	7.3	72
61	Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD. Chest, 2014, 146, 941-950.	0.8	71
62	Interstitial Lung Abnormality: Recognition and Perspectives. Radiology, 2019, 291, 1-3.	7.3	70
63	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. Lancet Respiratory Medicine,the, 2020, 8, 696-708.	10.7	69
64	Chest CT Features are Associated With Poorer Quality of Life in Acute Lung Injury Survivors*. Critical Care Medicine, 2013, 41, 445-456.	0.9	68
65	Quantitative computed tomography measurements to evaluate airway disease in chronic obstructive pulmonary disease: Relationship to physiological measurements, clinical index and visual assessment of airway disease. European Journal of Radiology, 2016, 85, 2144-2151.	2.6	68
66	Development and Progression of Radiologic Abnormalities in Individuals at Risk for Familial Interstitial Lung Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1230-1239.	5.6	68
67	Association Between Expiratory Central Airway Collapse and Respiratory Outcomes Among Smokers. JAMA - Journal of the American Medical Association, 2016, 315, 498.	7.4	67
68	Features of COPD as Predictors of LungÂCancer. Chest, 2018, 153, 1326-1335.	0.8	67
69	Quantitative high-resolution computed tomography fibrosis score: performance characteristics in idiopathic pulmonary fibrosis. European Respiratory Journal, 2018, 52, 1801384.	6.7	66
70	Surgical Lung Biopsy for Interstitial LungÂDiseases. Chest, 2017, 151, 1131-1140.	0.8	64
71	Nintedanib reduces pulmonary fibrosis in a model of rheumatoid arthritis-associated interstitial lung disease. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2018, 314, L998-L1009.	2.9	63
72	Interstitial Lung Abnormalities: State of the Art. Radiology, 2021, 301, 19-34.	7.3	63

#	Article	IF	Citations
73	Subtyping COPD by Using Visual and Quantitative CT Imaging Features. Chest, 2020, 157, 47-60.	0.8	60
74	Pulmonary CT and MRI phenotypes that help explain chronic pulmonary obstruction disease pathophysiology and outcomes. Journal of Magnetic Resonance Imaging, 2016, 43, 544-557.	3.4	59
75	Machine learning approach for distinguishing malignant and benign lung nodules utilizing standardized perinodular parenchymal features from CT. Medical Physics, 2019, 46, 3207-3216.	3.0	59
76	Quantitative CT Assessment of Emphysema and Airways in Relation to Lung Cancer Risk. Radiology, 2011, 261, 950-959.	7.3	57
77	Presence of Air Trapping and Mosaic Attenuation on Chest Computed Tomography Predicts Survival in Chronic Hypersensitivity Pneumonitis. Annals of the American Thoracic Society, 2017, 14, 1533-1538.	3.2	57
78	Sex-specific features of emphysema among current and former smokers with COPD. European Respiratory Journal, 2016, 47, 104-112.	6.7	55
79	Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. Academic Radiology, 2019, 26, 217-223.	2.5	55
80	Utility of a Molecular Classifier as a Complement to High-Resolution Computed Tomography to Identify Usual Interstitial Pneumonia. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 211-220.	5.6	55
81	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.	7.3	53
82	Chest CT Diagnosis and Clinical Management of Drug-Related Pneumonitis in Patients Receiving Molecular Targeting Agents and Immune Checkpoint Inhibitors. Chest, 2021, 159, 1107-1125.	0.8	53
83	Five-year Progression of Emphysema and Air Trapping at CT in Smokers with and Those without Chronic Obstructive Pulmonary Disease: Results from the COPDGene Study. Radiology, 2020, 295, 218-226.	7.3	52
84	Family History Is a Risk Factor for COPD. Chest, 2011, 140, 343-350.	0.8	49
85	Standardizing <scp>CT</scp> lung density measure across scanner manufacturers. Medical Physics, 2017, 44, 974-985.	3.0	48
86	Minor Salivary Gland Biopsy To Detect Primary SjÃ¶gren Syndrome in Patients With Interstitial Lung Disease. Chest, 2009, 136, 1072-1078.	0.8	47
87	Airway wall thickening on CT: Relation to smoking status and severity of COPD. Respiratory Medicine, 2019, 146, 36-41.	2.9	47
88	Imaging of Small Airways Disease and Chronic Obstructive Pulmonary Disease. Clinics in Chest Medicine, 2008, 29, 165-179.	2.1	46
89	Association between Occupational Exposure and Lung Function, Respiratory Symptoms, and High-Resolution Computed Tomography Imaging in COPDGene. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 756-762.	5.6	46
90	Machine Learning Characterization of COPD Subtypes. Chest, 2020, 157, 1147-1157.	0.8	44

#	Article	IF	Citations
91	Relationships between diffusing capacity for carbon monoxide (DLCO), and quantitative computed tomography measurements and visual assessment for chronic obstructive pulmonary disease. European Journal of Radiology, 2015, 84, 980-985.	2.6	43
92	MUC5B variant is associated with visually and quantitatively detected preclinical pulmonary fibrosis. Thorax, 2019, 74, 1131-1139.	5.6	43
93	Imaging of Pulmonary Hypertension in Adults: A Position Paper from the Fleischner Society. Radiology, 2021, 298, 531-549.	7.3	43
94	Imaging of pulmonary hypertension in adults: a position paper from the Fleischner Society. European Respiratory Journal, 2021, 57, 2004455.	6.7	42
95	Quantitative Imaging of COPD. Journal of Thoracic Imaging, 2009, 24, 189-194.	1.5	40
96	Persistent, Progressive Pulmonary Fibrosis and Epithelial Remodeling in Mice. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 669-676.	2.9	39
97	Traction Bronchiectasis/Bronchiolectasis is Associated with Interstitial Lung Abnormality Mortality. European Journal of Radiology, 2020, 129, 109073.	2.6	38
98	Clinical and Genetic Associations of Objectively Identified Interstitial Changes inÂSmokers. Chest, 2017, 152, 780-791.	0.8	37
99	The Objective Identification and Quantification of Interstitial Lung Abnormalities in Smokers. Academic Radiology, 2017, 24, 941-946.	2.5	37
100	Interstitial Features at Chest CT Enhance the Deleterious Effects of Emphysema in the COPDGene Cohort. Radiology, 2018, 288, 600-609.	7.3	37
101	Quantitative CT of Fibrotic Interstitial Lung Disease. Chest, 2007, 131, 643-644.	0.8	36
102	Smoking-related idiopathic interstitial pneumonia. European Respiratory Journal, 2014, 44, 594-602.	6.7	36
103	Accuracy of chest high-resolution computed tomography in diagnosing diffuse cystic lung diseases. European Respiratory Journal, 2015, 46, 1196-1199.	6.7	35
104	The Value of a Multidisciplinary Approach to the Diagnosis of Usual Interstitial Pneumonitis and Idiopathic Pulmonary Fibrosis: Radiology, Pathology, and Clinical Correlation. American Journal of Roentgenology, 2016, 206, 463-471.	2.2	34
105	Volumetric assessment of paranasal sinus opacification on computed tomography can be automated using a convolutional neural network. International Forum of Allergy and Rhinology, 2020, 10, 1218-1225.	2.8	31
106	Isolated Cystic Lung Disease: An Algorithmic Approach to Distinguishing Birt-Hogg-DubÃ© Syndrome, Lymphangioleiomyomatosis, and Lymphocytic Interstitial Pneumonia. American Journal of Roentgenology, 2019, 212, 1260-1264.	2.2	30
107	Association between Emphysema and Chronic Obstructive Pulmonary Disease Outcomes in the COPDGene and SPIROMICS Cohorts: A Post Hoc Analysis of Two Clinical Trials. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 265-267.	5.6	29
108	Bronchoarterial ratio in neverâ€smokers adults: Implications for bronchial dilation definition. Respirology, 2017, 22, 108-113.	2.3	28

#	Article	IF	Citations
109	Luminal Plugging on Chest CT Scan. Chest, 2020, 158, 121-130.	0.8	27
110	Practical Imaging Interpretation in Patients Suspected of Having Idiopathic Pulmonary Fibrosis: Official Recommendations from the Radiology Working Group of the Pulmonary Fibrosis Foundation. Radiology: Cardiothoracic Imaging, 2021, 3, e200279.	2.5	27
111	Relationship between Emphysema Progression at CT and Mortality in Ever-Smokers: Results from the COPDGene and ECLIPSE Cohorts. Radiology, 2021, 299, 222-231.	7.3	27
112	Effect of Emphysema on CT Scan Measures of Airway Dimensions in Smokers. Chest, 2013, 143, 687-693.	0.8	26
113	Computed tomographic findings in subjects who died from respiratory disease in the National Lung Screening Trial. European Respiratory Journal, 2017, 49, 1601814.	6.7	26
114	CT-Pathologic Correlation of Major Types of Pulmonary Fibrosis: Insights for Revisions to Current Guidelines. American Journal of Roentgenology, 2018, 210, 1034-1041.	2.2	26
115	Criteria for Early-Phase Diffuse Idiopathic Skeletal Hyperostosis: Development and Validation. Radiology, 2019, 291, 420-426.	7.3	26
116	Relationship between diffusion capacity and small airway abnormality in COPDGene. Respiratory Research, 2019, 20, 269.	3.6	26
117	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. Respiratory Research, 2021, 22, 127.	3.6	26
118	The Impact of Sources of Variability on Parametric Response Mapping of Lung CT Scans. Tomography, 2015, 1, 69-77.	1.8	25
119	Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality. American Journal of Epidemiology, 2018, 187, 2109-2116.	3.4	25
120	Cardiovascular Disease is Associated with COPD Severity and Reduced Functional Status and Quality of Life. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2014, 11, 546-551.	1.6	24
121	Visual Emphysema at Chest CT in GOLD Stage 0 Cigarette Smokers Predicts Disease Progression: Results from the COPDGene Study. Radiology, 2020, 296, 641-649.	7.3	24
122	Subtypes of COPD Have Unique Distributions and Differential Risk of Mortality. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 400-413.	0.7	24
123	Cystic and Nodular Lung Disease. Clinics in Chest Medicine, 2015, 36, 299-312.	2.1	23
124	Identification of usual interstitial pneumonia pattern using RNA-Seq and machine learning: challenges and solutions. BMC Genomics, 2018, 19, 101.	2.8	23
125	Fleischner Society Visual Emphysema CT Patterns Help Predict Progression of Emphysema in Current and Former Smokers: Results from the COPDGene Study. Radiology, 2021, 298, 441-449.	7.3	23
126	Incidental Findings on Low-Dose CT Scan Lung Cancer Screenings and Deaths From Respiratory Diseases. Chest, 2022, 161, 1092-1100.	0.8	23

#	Article	IF	Citations
127	Focal pleural thickening mimicking pleural plaques on chest computed tomography: tips and tricks. British Journal of Radiology, 2016, 89, 20150792.	2.2	22
128	Screening for Lung Cancer: Incidental Pulmonary Parenchymal Findings. American Journal of Roentgenology, 2018, 210, 503-513.	2.2	22
129	Risk factors for disease progression in idiopathic pulmonary fibrosis. Thorax, 2020, 75, 78-80.	5.6	22
130	Automated CT Staging of Chronic Obstructive Pulmonary Disease Severity for Predicting Disease Progression and Mortality with a Deep Learning Convolutional Neural Network. Radiology: Cardiothoracic Imaging, 2021, 3, e200477.	2.5	22
131	CT Imaging Phenotypes of Pulmonary Fibrosis in the MUC5B Promoter Site Polymorphism. Chest, 2016, 149, 1215-1222.	0.8	19
132	Ventricular Geometry From Non-contrast Non-ECG-gated CT Scans. Academic Radiology, 2017, 24, 594-602.	2.5	19
133	Pulmonary vascular pruning in smokers with bronchiectasis. ERJ Open Research, 2018, 4, 00044-2018.	2.6	19
134	Integration and Application of Clinical Practice Guidelines for the Diagnosis of Idiopathic Pulmonary Fibrosis and Fibrotic Hypersensitivity Pneumonitis. Chest, 2022, 162, 614-629.	0.8	19
135	Subjects with diffuse idiopathic skeletal hyperostosis have an increased burden of coronary artery disease: An evaluation in the COPDGene cohort. Atherosclerosis, 2019, 287, 24-29.	0.8	17
136	CC-90001, a c-Jun N-terminal kinase (JNK) inhibitor, in patients with pulmonary fibrosis: design of a phase 2, randomised, placebo-controlled trial. BMJ Open Respiratory Research, 2022, 9, e001060.	3.0	17
137	Disease Severity Dependence of the Longitudinal Association Between CT Lung Density and Lung Function in Smokers. Chest, 2018, 153, 638-645.	0.8	16
138	Small Airway Disease and Emphysema Are Associated with Future Exacerbations in Smokers with CT-derived Bronchiectasis and COPD: Results from the COPDGene Cohort. Radiology, 2021, 300, 706-714.	7.3	16
139	Proteomic profiling identifies novel circulating markers associated with bronchiectasis in cystic fibrosis. Proteomics - Clinical Applications, 2017, 11, 1600147.	1.6	15
140	Lung Mass in Smokers. Academic Radiology, 2017, 24, 386-392.	2.5	15
141	Visual Assessment of Chest Computed Tomographic Images Is Independently Useful for Genetic Association Analysis in Studies of Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2017, 14, 33-40.	3.2	15
142	Dataâ€driven optimal binning for respiratory motion management in <scp>PET</scp>. Medical Physics, 2018, 45, 277-286.	3.0	15
143	Increased Airway Wall Thickness is Associated with Adverse Longitudinal Firstâ€“Second Forced Expiratory Volume Trajectories of Former World Trade Center workers. Lung, 2018, 196, 481-489.	3.3	15
144	Progression of traction bronchiectasis/bronchiolectasis in interstitial lung abnormalities is associated with increased all-cause mortality: Age Gene/Environment Susceptibility-Reykjavik Study. European Journal of Radiology Open, 2021, 8, 100334.	1.6	15

#	Article	IF	Citations
145	Securing safe and informative thoracic CT examinationsâ€"Progress of radiation dose reduction techniques. European Journal of Radiology, 2017, 86, 313-319.	2.6	14
146	Asthma Is a Risk Factor for Respiratory Exacerbations Without Increased Rate of Lung Function Decline. Chest, 2018, 153, 368-377.	0.8	14
147	Comparison of CT Lung Density Measurements between Standard Full-Dose and Reduced-Dose Protocols. Radiology: Cardiothoracic Imaging, 2021, 3, e200503.	2.5	14
148	Association between acute respiratory disease events and the MUC5B promoter polymorphism in smokers. Thorax, 2018, 73, 1071-1074.	5.6	13
149	Traction Bronchiectasis/Bronchiolectasis on CT Scans in Relationship to Clinical Outcomes and Mortality: The COPDGene Study. Radiology, 2022, 304, 694-701.	7.3	13
150	Characterizing Functional Lung Heterogeneity in COPD Using Reference Equations for CT Scan-Measured Lobar Volumes. Chest, 2013, 143, 1607-1617.	0.8	12
151	Usual Interstitial Pneumonia: Typical and Atypical High-Resolution Computed Tomography Features. Seminars in Ultrasound, CT and MRI, 2014, 35, 12-23.	1.5	12
152	Paratracheal Paraseptal Emphysema and Expiratory Central Airway Collapse in Smokers. Annals of the American Thoracic Society, 2018, 15, 479-484.	3.2	12
153	Significance of Low-Attenuation Cluster Analysis on Quantitative CT in the Evaluation of Chronic Obstructive Pulmonary Disease. Korean Journal of Radiology, 2018, 19, 139.	3.4	12
154	Practical application and validation of the 2018 ATS/ERS/JRS/ALAT and Fleischner Society guidelines for the diagnosis of idiopathic pulmonary fibrosis. Respiratory Research, 2021, 22, 124.	3.6	12
155	Emphysema Progression at CT by Deep Learning Predicts Functional Impairment and Mortality: Results from the COPDGene Study. Radiology, 2022, 304, 672-679.	7.3	12
156	Reprint of: Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. Academic Radiology, 2019, 26, 306-312.	2.5	11
157	Clinical Decision-Making in Hypersensitivity Pneumonitis: Diagnosis and Management. Seminars in Respiratory and Critical Care Medicine, 2020, 41, 214-228.	2.1	11
158	QIBA guidance: Computed tomography imaging for COVID-19 quantitative imaging applications. Clinical Imaging, 2021, 77, 151-157.	1.5	11
159	Visual Assessment of CT Findings in Smokers With Nonobstructed Spirometric Abnormalities in the COPDGeneÂ® Study. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2014, 1, 88-96.	0.7	11
160	Identifying Smoking-Related Disease on Lung Cancer Screening CT Scans: Increasing the Value. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 233-245.	0.7	11
161	Inter-observer agreement in identifying traction bronchiectasis on computed tomography: its improvement with the use of the additional criteria for chronic fibrosing interstitial pneumonia. Japanese Journal of Radiology, 2019, 37, 773-780.	2.4	10
162	Ground glass and fibrotic change in children with surfactant protein C dysfunction mutations. Pediatric Pulmonology, 2021, 56, 2223-2231.	2.0	10

#	Article	IF	Citations
163	Objectively Measured Chronic Lung InjuryÂon Chest CT. Chest, 2019, 156, 1149-1159.	0.8	9
164	Interâ€•and intraâ€software reproducibility of computed tomography lung density measurements. Medical Physics, 2020, 47, 2962-2969.	3.0	9
165	Emphysema Progression and Lung Function Decline Among Angiotensin Converting Enzyme Inhibitors and Angiotensin-Receptor Blockade Users in the COPDGene Cohort. Chest, 2021, 160, 1245-1254.	0.8	9
166	A Risk Prediction Model for Mortality Among Smokers in the COPDGeneÂ® Study. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 346-361.	0.7	9
167	Connective Tissue Diseaseâ€“related Thoracic Disease. Clinics in Chest Medicine, 2015, 36, 283-297.	2.1	8
168	The Role of Surgical Lung Biopsy in the Diagnosis of Fibrotic Interstitial Lung Disease: Perspective from the Pulmonary Fibrosis Foundation. Annals of the American Thoracic Society, 2021, 18, 1601-1609.	3.2	8
169	Interstitial Lung Abnormalities, Emphysema, and Spirometry in Smokers. Chest, 2022, 161, 999-1010.	0.8	8
170	An Ensemble Method for Classifying Regional Disease Patterns of Diffuse Interstitial Lung Disease Using HRCT Images from Different Vendors. Journal of Digital Imaging, 2017, 30, 761-771.	2.9	7
171	DSP variants may be associated with longitudinal change in quantitative emphysema. Respiratory Research, 2019, 20, 160.	3.6	7
172	Progression of Emphysema and Small Airways Disease in Cigarette Smokers. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2021, 8, 198-212.	0.7	7
173	Convolutional Neural Network Based COPD and Emphysema Classifications Are Predictive of Lung Cancer Diagnosis. Lecture Notes in Computer Science, 2018, , 302-309.	1.3	7
174	Plasma sRAGE levels strongly associate with centrilobular emphysema assessed by HRCT scans. Respiratory Research, 2022, 23, 15.	3.6	7
175	CT Phenotypes in Hypersensitivity Pneumonitis. Chest, 2019, 155, 655-656.	0.8	6
176	Diffuse Idiopathic Skeletal Hyperostosis in Smokers and Restrictive Spirometry Pattern: An Analysis of the COPDGene Cohort. Journal of Rheumatology, 2020, 47, 531-538.	2.0	6
177	Machine learning evaluates improvement in sinus computed tomography opacification with CFTR modulator therapy. International Forum of Allergy and Rhinology, 2021, 11, 953-954.	2.8	6
178	Identifying a Deletion Affecting Total Lung Capacity Among Subjects in the COPDGene Study Cohort. Genetic Epidemiology, 2016, 40, 81-88.	1.3	5
179	Computed tomography quantification of tracheal abnormalities in COPD and their influence on airflow limitation. Medical Physics, 2017, 44, 3594-3603.	3.0	5
180	Olfactory dysfunction in people with cystic fibrosis with at least one copy of F508del. International Forum of Allergy and Rhinology, 2022, 12, 963-966.	2.8	5

#	Article	IF	Citations
181	Frequency based gating: An alternative, conformal, approach to 4D PET data utilization. Medical Physics, 2016, 43, 1451-1461.	3.0	4
182	Validation of a method to assess emphysema severity by spirometry in the COPDGene study. Respiratory Research, 2020, 21, 103.	3.6	4
183	Functional imaging of COPD by CT and MRI. British Journal of Radiology, 2022, 95, 20201005.	2.2	4
184	Diagnostic criteria for idiopathic pulmonary fibrosis â€“ Authorsâ€™ reply. Lancet Respiratory Medicine,the, 2018, 6, e7.	10.7	3
185	Automatic Classification of Centrilobular Emphysema on CT Using Deep Learning: Comparison with Visual Scoring. Lecture Notes in Computer Science, 2018, , 319-325.	1.3	3
186	Advances in CT Diagnosis of UIP and IPF. Seminars in Roentgenology, 2019, 54, 6-14.	0.6	3
187	Relationship between current smoking, visual CT findings and emphysema index in cigarette smokers. Clinical Imaging, 2019, 53, 195-199.	1.5	3
188	High-Spatial-Resolution CT Offers New Opportunities for Discovery in the Lung. Radiology, 2020, 297, 472-473.	7.3	3
189	Invited Commentary on â€œQuantitative CT Analysis of Diffuse Lung Diseaseâ€. Radiographics, 2020, 40, E1-E3.	3.3	3
190	Design and rationale of a randomised, double-blind trial of the efficacy and safety of pirfenidone in patients with fibrotic hypersensitivity pneumonitis. ERJ Open Research, 2021, 7, 00054-2021.	2.6	3
191	Lung, Fat and Bone: Increased Adiponectin Associates with the Combination of Smoking-Related Lung Disease and Osteoporosis. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2018, 5, 134-143.	0.7	3
192	Differentiating combined pulmonary fibrosis and emphysema from pure emphysema: utility of late gadolinium-enhanced MRI. European Radiology Experimental, 2020, 4, 61.	3.4	3
193	Quantitative imaging analysis detects subtle airway abnormalities in symptomatic military deployers. BMC Pulmonary Medicine, 2022, 22, 163.	2.0	3
194	Using a spatial point process framework to characterize lung computed tomography scans. Spatial Statistics, 2019, 29, 243-267.	1.9	2
195	FOOTPRINTS study protocol: rationale and methodology of a 3-year longitudinal observational study to phenotype patients with COPD. BMJ Open, 2021, 11, e042526.	1.9	2
196	Diagnosis of Hypersensitivity Pneumonitis. American Journal of Surgical Pathology, 2021, Publish Ahead of Print, .	3.7	2
197	Imaging features of sarcoidosis. QJM - Monthly Journal of the Association of Physicians, 2018, 111, 649-651.	0.5	1
198	Interstitial Lung Abnormality Incidentally Detected on CT. Chest, 2021, 159, 5-6.	0.8	1

#	Article	IF	Citations
199	Preface. Clinics in Chest Medicine, 2008, 29, ix-x.	2.1	0
200	Preface. Clinics in Chest Medicine, 2015, 36, xv-xvi.	2.1	0
201	Radiologic Evaluation of Idiopathic Interstitial Pneumonias. Clinics in Chest Medicine, 2015, 36, 269-282.	2.1	0
202	P065 <break /> Virtual multidisciplinary discussion: Feasibility and diagnostic concordance with face-to-face multidisciplinary discussion. QJM - Monthly Journal of the Association of Physicians, 0, , .	0.5	0
203	Translation of adapting quantitative CT data from research to local clinical practice: validation evaluation of fully automated procedures to provide lung volumes and percent emphysema. Journal of Medical Imaging, 2019, 7, 1.	1.5	0
204	Radiologic Classification of Black Lung: Time for a New Gold Standard?. Annals of the American Thoracic Society, 2022, , .	3.2	0