

David A Lynch

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

190 papers	18,400 citations	53 h-index	134 g-index
214 ext. papers	23,320 ext. citations	8.6 avg, IF	6.14 L-index

#	Paper	IF	Citations
190	Plasma sRAGE levels strongly associate with centrilobular emphysema assessed by HRCT scans.. <i>Respiratory Research</i> , 2022 , 23, 15	7.3	0
189	Quantitative imaging analysis detects subtle airway abnormalities in symptomatic military deployers.. <i>BMC Pulmonary Medicine</i> , 2022 , 22, 163	3.5	0
188	Idiopathic Pulmonary Fibrosis (an Update) and Progressive Pulmonary Fibrosis in Adults: An Official ATS/ERS/JRS/ALAT Clinical Practice Guideline.. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022 , 205, e18-e47	10.2	38
187	Host and pathogen response to bacteriophage engineered against Mycobacterium abscessus lung infection.. <i>Cell</i> , 2022 ,	56.2	7
186	Emphysema Progression at CT by Deep Learning Predicts Functional Impairment and Mortality: Results from the COPDGene Study.. <i>Radiology</i> , 2022 , 213054	20.5	0
185	Interstitial Lung Abnormalities, Emphysema and Spirometry in Smokers. <i>Chest</i> , 2021 ,	5.3	1
184	FOOTPRINTS study protocol: rationale and methodology of a 3-year longitudinal observational study to phenotype patients with COPD. <i>BMJ Open</i> , 2021 , 11, e042526	3	1
183	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	20.5	15
182	Imaging of Pulmonary Hypertension in Adults: A Position Paper from the Fleischner Society. <i>Radiology</i> , 2021 , 298, 531-549	20.5	10
181	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>Chest</i> , 2021 , 159, 1107-1125	5.3	15
180	Comparison of CT Lung Density Measurements between Standard Full-Dose and Reduced-Dose Protocols. <i>Radiology: Cardiothoracic Imaging</i> , 2021 , 3, e200503	8.3	1
179	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. <i>Respiratory Research</i> , 2021 , 22, 127	7.3	7
178	Relationship between Emphysema Progression at CT and Mortality in Ever-Smokers: Results from the COPDGene and ECLIPSE Cohorts. <i>Radiology</i> , 2021 , 299, 222-231	20.5	3
177	Design and rationale of a randomised, double-blind trial of the efficacy and safety of pirfenidone in patients with fibrotic hypersensitivity pneumonitis. <i>ERJ Open Research</i> , 2021 , 7,	3.5	2
176	Automated CT Staging of Chronic Obstructive Pulmonary Disease Severity for Predicting Disease Progression and Mortality with a Deep Learning Convolutional Neural Network. <i>Radiology: Cardiothoracic Imaging</i> , 2021 , 3, e200477	8.3	8
175	Practical application and validation of the 2018 ATS/ERS/JRS/ALAT and Fleischner Society guidelines for the diagnosis of idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2021 , 22, 124	7.3	3
174	Emphysema Progression and Lung Function Decline Among Angiotensin Converting Enzyme Inhibitors and Angiotensin-Receptor Blockade Users in the COPDGene Cohort. <i>Chest</i> , 2021 , 160, 1245-1254	5.3	0

173	Ground glass and fibrotic change in children with surfactant protein C dysfunction mutations. <i>Pediatric Pulmonology</i> , 2021 , 56, 2223-2231	3.5	1
172	Persistent, Progressive Pulmonary Fibrosis and Epithelial Remodeling in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 64, 669-676	5.7	7
171	Machine learning evaluates improvement in sinus computed tomography opacification with CFTR modulator therapy. <i>International Forum of Allergy and Rhinology</i> , 2021 , 11, 953-954	6.3	2
170	Utility of a Molecular Classifier as a Complement to High-Resolution Computed Tomography to Identify Usual Interstitial Pneumonia. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 211-220	10.2	20
169	Fleischner Society Visual Emphysema CT Patterns Help Predict Progression of Emphysema in Current and Former Smokers: Results from the COPDGene Study. <i>Radiology</i> , 2021 , 298, 441-449	20.5	4
168	Imaging of pulmonary hypertension in adults: a position paper from the Fleischner Society. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	7
167	Progression of Emphysema and Small Airways Disease in Cigarette Smokers. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021 , 8, 198-212	2.7	4
166	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	2.6	4
165	Practical Imaging Interpretation in Patients Suspected of Having Idiopathic Pulmonary Fibrosis: Official Recommendations from the Radiology Working Group of the Pulmonary Fibrosis Foundation. <i>Radiology: Cardiothoracic Imaging</i> , 2021 , 3, e200279	8.3	7
164	Diagnosis and Evaluation of Hypersensitivity Pneumonitis: CHEST Guideline and Expert Panel Report. <i>Chest</i> , 2021 , 160, e97-e156	5.3	17
163	Executive Summary: Diagnosis and Evaluation of Hypersensitivity Pneumonitis: CHEST Guideline and Expert Panel Report. <i>Chest</i> , 2021 , 160, 595-615	5.3	7
162	CT of Post-Acute Lung Complications of COVID-19. <i>Radiology</i> , 2021 , 301, E383-E395	20.5	19
161	Small Airway Disease and Emphysema Are Associated with Future Exacerbations in Smokers with CT-derived Bronchiectasis and COPD: Results from the COPDGene Cohort. <i>Radiology</i> , 2021 , 300, 706-714	20.5	2
160	QIBA guidance: Computed tomography imaging for COVID-19 quantitative imaging applications. <i>Clinical Imaging</i> , 2021 , 77, 151-157	2.7	5
159	Functional imaging of COPD by CT and MRI. <i>British Journal of Radiology</i> , 2021 , 20201005	3.4	0
158	Interstitial Lung Abnormalities: State of the Art. <i>Radiology</i> , 2021 , 301, 19-34	20.5	7
157	The Role of Surgical Lung Biopsy in the Diagnosis of Fibrotic Interstitial Lung Disease: Perspective from the Pulmonary Fibrosis Foundation. <i>Annals of the American Thoracic Society</i> , 2021 , 18, 1601-1609	4.7	1
156	Validation of a method to assess emphysema severity by spirometry in the COPDGene study. <i>Respiratory Research</i> , 2020 , 21, 103	7.3	2

155	Inter- and intra-software reproducibility of computed tomography lung density measurements. <i>Medical Physics</i> , 2020 , 47, 2962-2969	4.4	4
154	Invited Commentary on "Quantitative CT Analysis of Diffuse Lung Disease". <i>Radiographics</i> , 2020 , 40, E1-E34	5.4	1
153	Interstitial lung abnormalities detected incidentally on CT: a Position Paper from the Fleischner Society. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 726-737	35.1	77
152	Visual Emphysema at Chest CT in GOLD Stage 0 Cigarette Smokers Predicts Disease Progression: Results from the COPDGene Study. <i>Radiology</i> , 2020 , 296, 641-649	20.5	4
151	Development and Progression of Radiologic Abnormalities in Individuals at Risk for Familial Interstitial Lung Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 1230-1239	10.2	24
150	Luminal Plugging on Chest CT Scan: Association With Lung Function, Quality of Life, and COPD Clinical Phenotypes. <i>Chest</i> , 2020 , 158, 121-130	5.3	10
149	Clinical Decision-Making in Hypersensitivity Pneumonitis: Diagnosis and Management. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2020 , 41, 214-228	3.9	6
148	Volumetric assessment of paranasal sinus opacification on computed tomography can be automated using a convolutional neural network. <i>International Forum of Allergy and Rhinology</i> , 2020 , 10, 1218-1225	6.3	11
147	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. <i>Radiology</i> , 2020 , 295, 218-226	20.5	24
146	A Risk Prediction Model for Mortality Among Smokers in the COPDGene Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2020 , 7, 346-361	2.7	3
145	Differentiating combined pulmonary fibrosis and emphysema from pure emphysema: utility of late gadolinium-enhanced MRI. <i>European Radiology Experimental</i> , 2020 , 4, 61	4.5	1
144	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. <i>Journal of Medical Imaging</i> , 2020 , 7, 022404	2.6	
143	Subtyping COPD by Using Visual and Quantitative CT Imaging Features. <i>Chest</i> , 2020 , 157, 47-60	5.3	25
142	Machine Learning Characterization of COPD Subtypes: Insights From the COPDGene Study. <i>Chest</i> , 2020 , 157, 1147-1157	5.3	18
141	Deep Learning Enables Automatic Classification of Emphysema Pattern at CT. <i>Radiology</i> , 2020 , 294, 434-444	4.5	40
140	Traction Bronchiectasis/Bronchiolectasis is Associated with Interstitial Lung Abnormality Mortality. <i>European Journal of Radiology</i> , 2020 , 129, 109073	4.7	11
139	Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 696-708	35.1	29
138	Expanding Applications of Pulmonary MRI in the Clinical Evaluation of Lung Disorders: Fleischner Society Position Paper. <i>Radiology</i> , 2020 , 297, 286-301	20.5	28

137	Diffuse Idiopathic Skeletal Hyperostosis in Smokers and Restrictive Spirometry Pattern: An Analysis of the COPDGene Cohort. <i>Journal of Rheumatology</i> , 2020 , 47, 531-538	4.1	4
136	Risk factors for disease progression in idiopathic pulmonary fibrosis. <i>Thorax</i> , 2020 , 75, 78-80	7.3	10
135	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	2.9	4
134	Advances in CT Diagnosis of UIP and IPF. <i>Seminars in Roentgenology</i> , 2019 , 54, 6-14	0.8	2
133	Subjects with diffuse idiopathic skeletal hyperostosis have an increased burden of coronary artery disease: An evaluation in the COPDGene cohort. <i>Atherosclerosis</i> , 2019 , 287, 24-29	3.1	10
132	Machine learning approach for distinguishing malignant and benign lung nodules utilizing standardized perinodular parenchymal features from CT. <i>Medical Physics</i> , 2019 , 46, 3207-3216	4.4	35
131	Isolated Cystic Lung Disease: An Algorithmic Approach to Distinguishing Birt-Hogg-Dubé Syndrome, Lymphangioleiomyomatosis, and Lymphocytic Interstitial Pneumonia. <i>American Journal of Roentgenology</i> , 2019 , 1-5	5.4	16
130	Use of a molecular classifier to identify usual interstitial pneumonia in conventional transbronchial lung biopsy samples: a prospective validation study. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 487-496	35.1	61
129	Criteria for Early-Phase Diffuse Idiopathic Skeletal Hyperostosis: Development and Validation. <i>Radiology</i> , 2019 , 291, 420-426	20.5	11
128	Reprint of: Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. <i>Academic Radiology</i> , 2019 , 26, 306-312	4.3	8
127	Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. <i>Academic Radiology</i> , 2019 , 26, 217-223	4.3	29
126	DSP variants may be associated with longitudinal change in quantitative emphysema. <i>Respiratory Research</i> , 2019 , 20, 160	7.3	4
125	variant is associated with visually and quantitatively detected preclinical pulmonary fibrosis. <i>Thorax</i> , 2019 , 74, 1131-1139	7.3	17
124	COPDGene 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019 , 6, 384-399	2.7	61
123	Subtypes of COPD Have Unique Distributions and Differential Risk of Mortality. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019 , 6, 400-413	2.7	13
122	Identifying Smoking-Related Disease on Lung Cancer Screening CT Scans: Increasing the Value. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019 , 6, 233-245	2.7	6
121	Objectively Measured Chronic Lung Injury on Chest CT. <i>Chest</i> , 2019 , 156, 1149-1159	5.3	3
120	Relationship between diffusion capacity and small airway abnormality in COPDGene. <i>Respiratory Research</i> , 2019 , 20, 269	7.3	13

119	Interstitial Lung Abnormality: Recognition and Perspectives. <i>Radiology</i> , 2019 , 291, 1-3	20.5	32
118	Relationship between current smoking, visual CT findings and emphysema index in cigarette smokers. <i>Clinical Imaging</i> , 2019 , 53, 195-199	2.7	2
117	Airway wall thickening on CT: Relation to smoking status and severity of COPD. <i>Respiratory Medicine</i> , 2019 , 146, 36-41	4.6	28
116	Using a spatial point process framework to characterize lung computed tomography scans. <i>Spatial Statistics</i> , 2019 , 29, 243-267	2.2	1
115	Imaging Advances in Chronic Obstructive Pulmonary Disease. Insights from the Genetic Epidemiology of Chronic Obstructive Pulmonary Disease (COPDGene) Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 286-301	10.2	52
114	Association between Emphysema and Chronic Obstructive Pulmonary Disease Outcomes in the COPDGene and SPIROMICS Cohorts: A Post Hoc Analysis of Two Clinical Trials. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 265-267	10.2	15
113	Features of COPD as Predictors of Lung Cancer. <i>Chest</i> , 2018 , 153, 1326-1335	5.3	38
112	Diagnostic criteria for idiopathic pulmonary fibrosis - AuthorsReply. <i>Lancet Respiratory Medicine</i> , 2018 , 6, e7	35.1	3
111	Association between acute respiratory disease events and the promoter polymorphism in smokers. <i>Thorax</i> , 2018 , 73, 1071-1074	7.3	7
110	Asthma Is a Risk Factor for Respiratory Exacerbations Without Increased Rate of Lung Function Decline: Five-Year Follow-up in Adult Smokers From the COPDGene Study. <i>Chest</i> , 2018 , 153, 368-377	5.3	11
109	Paratracheal Paraseptal Emphysema and Expiratory Central Airway Collapse in Smokers. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 479-484	4.7	9
108	CT-Pathologic Correlation of Major Types of Pulmonary Fibrosis: Insights for Revisions to Current Guidelines. <i>American Journal of Roentgenology</i> , 2018 , 210, 1034-1041	5.4	17
107	Data-driven optimal binning for respiratory motion management in PET. <i>Medical Physics</i> , 2018 , 45, 277-286	4.4	11
106	Disease Severity Dependence of the Longitudinal Association Between CT Lung Density and Lung Function in Smokers. <i>Chest</i> , 2018 , 153, 638-645	5.3	12
105	Comparison of Shallow and Deep Learning Methods on Classifying the Regional Pattern of Diffuse Lung Disease. <i>Journal of Digital Imaging</i> , 2018 , 31, 415-424	5.3	41
104	Nintedanib reduces pulmonary fibrosis in a model of rheumatoid arthritis-associated interstitial lung disease. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018 , 314, L998-L1009	5.8	43
103	Identification of usual interstitial pneumonia pattern using RNA-Seq and machine learning: challenges and solutions. <i>BMC Genomics</i> , 2018 , 19, 101	4.5	15
102	Imaging features of sarcoidosis. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2018 , 111, 649-651	1.7	1

101	Quantitative high-resolution computed tomography fibrosis score: performance characteristics in idiopathic pulmonary fibrosis. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	30
100	Interstitial Features at Chest CT Enhance the Deleterious Effects of Emphysema in the COPD Gene Cohort. <i>Radiology</i> , 2018 , 288, 600-609	20.5	22
99	Lung, Fat and Bone: Increased Adiponectin Associates with the Combination of Smoking-Related Lung Disease and Osteoporosis. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2018 , 5, 134-143	2.7	2
98	Convolutional Neural Network Based COPD and Emphysema Classifications Are Predictive of Lung Cancer Diagnosis. <i>Lecture Notes in Computer Science</i> , 2018 , 302-309	0.9	4
97	Screening for Lung Cancer: Incidental Pulmonary Parenchymal Findings. <i>American Journal of Roentgenology</i> , 2018 , 210, 503-513	5.4	17
96	Diagnostic criteria for idiopathic pulmonary fibrosis: a Fleischner Society White Paper. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 138-153	35.1	452
95	Pulmonary vascular pruning in smokers with bronchiectasis. <i>ERJ Open Research</i> , 2018 , 4,	3.5	10
94	Automatic Classification of Centrilobular Emphysema on CT Using Deep Learning: Comparison with Visual Scoring. <i>Lecture Notes in Computer Science</i> , 2018 , 319-325	0.9	2
93	Significance of Low-Attenuation Cluster Analysis on Quantitative CT in the Evaluation of Chronic Obstructive Pulmonary Disease. <i>Korean Journal of Radiology</i> , 2018 , 19, 139-146	6.9	8
92	CT-based Visual Classification of Emphysema: Association with Mortality in the COPD Gene Study. <i>Radiology</i> , 2018 , 288, 859-866	20.5	80
91	Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality: The COPD Gene Study. <i>American Journal of Epidemiology</i> , 2018 , 187, 2109-2116	3.8	14
90	Increased Airway Wall Thickness is Associated with Adverse Longitudinal First-Second Forced Expiratory Volume Trajectories of Former World Trade Center workers. <i>Lung</i> , 2018 , 196, 481-489	2.9	11
89	Standardizing CT lung density measure across scanner manufacturers. <i>Medical Physics</i> , 2017 , 44, 974-985	4.4	29
88	An Ensemble Method for Classifying Regional Disease Patterns of Diffuse Interstitial Lung Disease Using HRCT Images from Different Vendors. <i>Journal of Digital Imaging</i> , 2017 , 30, 761-771	5.3	3
87	Computed tomography quantification of tracheal abnormalities in COPD and their influence on airflow limitation. <i>Medical Physics</i> , 2017 , 44, 3594-3603	4.4	4
86	Computed tomographic findings in subjects who died from respiratory disease in the National Lung Screening Trial. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	16
85	A Standardized Diagnostic Ontology for Fibrotic Interstitial Lung Disease. An International Working Group Perspective. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1249-1254	10.2	105
84	Idiopathic Pulmonary Fibrosis: Data-driven Textural Analysis of Extent of Fibrosis at Baseline and 15-Month Follow-up. <i>Radiology</i> , 2017 , 285, 270-278	20.5	73

83	Proteomic profiling identifies novel circulating markers associated with bronchiectasis in cystic fibrosis. <i>Proteomics - Clinical Applications</i> , 2017 , 11, 1600147	3.1	10
82	Clinical and Genetic Associations of Objectively Identified Interstitial Changes in 'Smokers. <i>Chest</i> , 2017 , 152, 780-791	5.3	20
81	Presence of Air Trapping and Mosaic Attenuation on Chest Computed Tomography Predicts Survival in Chronic Hypersensitivity Pneumonitis. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 1533-1538	4.7	34
80	Ventricular Geometry From Non-contrast Non-ECG-gated CT Scans: An Imaging Marker of Cardiopulmonary Disease in Smokers. <i>Academic Radiology</i> , 2017 , 24, 594-602	4.3	18
79	Lung Mass in Smokers. <i>Academic Radiology</i> , 2017 , 24, 386-392	4.3	10
78	The Objective Identification and Quantification of Interstitial Lung Abnormalities in Smokers. <i>Academic Radiology</i> , 2017 , 24, 941-946	4.3	22
77	Usual Interstitial Pneumonia Can Be Detected in Transbronchial Biopsies Using Machine Learning. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 1646-1654	4.7	54
76	The Role of Chest Computed Tomography in the Evaluation and Management of the Patient with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1372-1379	10.2	65
75	Securing safe and informative thoracic CT examinations-Progress of radiation dose reduction techniques. <i>European Journal of Radiology</i> , 2017 , 86, 313-319	4.7	10
74	Visual Assessment of Chest Computed Tomographic Images Is Independently Useful for Genetic Association Analysis in Studies of Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 33-40	4.7	13
73	Idiopathic Pulmonary Fibrosis: The Association between the Adaptive Multiple Features Method and Fibrosis Outcomes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 921-929	10.2	68
72	Surgical Lung Biopsy for Interstitial Lung Diseases. <i>Chest</i> , 2017 , 151, 1131-1140	5.3	45
71	Bronchoarterial ratio in never-smokers adults: Implications for bronchial dilation definition. <i>Respirology</i> , 2017 , 22, 108-113	3.6	21
70	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. <i>European Journal of Radiology</i> , 2016 , 85, 2144-2151	4.7	46
69	CT Imaging Phenotypes of Pulmonary Fibrosis in the MUC5B Promoter Site Polymorphism. <i>Chest</i> , 2016 , 149, 1215-22	5.3	13
68	Acute Exacerbation of Idiopathic Pulmonary Fibrosis. An International Working Group Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 265-75	10.2	653
67	Association Between Expiratory Central Airway Collapse and Respiratory Outcomes Among Smokers. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 498-505	27.4	42
66	Association between Functional Small Airway Disease and FEV1 Decline in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 178-84	10.2	194

65	The Value of a Multidisciplinary Approach to the Diagnosis of Usual Interstitial Pneumonitis and Idiopathic Pulmonary Fibrosis: Radiology, Pathology, and Clinical Correlation. <i>American Journal of Roentgenology</i> , 2016 , 206, 463-71	5.4	24
64	Radiologic-pathologic discordance in biopsy-proven usual interstitial pneumonia. <i>European Respiratory Journal</i> , 2016 , 47, 1189-97	13.6	74
63	Focal pleural thickening mimicking pleural plaques on chest computed tomography: tips and tricks. <i>British Journal of Radiology</i> , 2016 , 89, 20150792	3.4	14
62	Sex-specific features of emphysema among current and former smokers with COPD. <i>European Respiratory Journal</i> , 2016 , 47, 104-12	13.6	37
61	Pulmonary CT and MRI phenotypes that help explain chronic pulmonary obstruction disease pathophysiology and outcomes. <i>Journal of Magnetic Resonance Imaging</i> , 2016 , 43, 544-57	5.6	49
60	Frequency based gating: An alternative, conformal, approach to 4D PET data utilization. <i>Medical Physics</i> , 2016 , 43, 1451-61	4.4	2
59	Cystic Lung Diseases: Algorithmic Approach. <i>Chest</i> , 2016 , 150, 945-965	5.3	70
58	Identifying a Deletion Affecting Total Lung Capacity Among Subjects in the COPDGene Study Cohort. <i>Genetic Epidemiology</i> , 2016 , 40, 81-8	2.6	4
57	Clinical and Radiologic Disease in Smokers With Normal Spirometry. <i>JAMA Internal Medicine</i> , 2015 , 175, 1539-49	11.5	243
56	Connective Tissue Disease-related Thoracic Disease. <i>Clinics in Chest Medicine</i> , 2015 , 36, 283-97, ix	5.3	5
55	Radiologic evaluation of idiopathic interstitial pneumonias. <i>Clinics in Chest Medicine</i> , 2015 , 36, 269-82, ix	5.3	
54	Relationships between diffusing capacity for carbon monoxide (DLCO), and quantitative computed tomography measurements and visual assessment for chronic obstructive pulmonary disease. <i>European Journal of Radiology</i> , 2015 , 84, 980-5	4.7	29
53	Cystic and nodular lung disease. <i>Clinics in Chest Medicine</i> , 2015 , 36, 299-312, ix	5.3	19
52	An official European Respiratory Society/American Thoracic Society research statement: interstitial pneumonia with autoimmune features. <i>European Respiratory Journal</i> , 2015 , 46, 976-87	13.6	541
51	American Thoracic Society-European Respiratory Society Classification of the Idiopathic Interstitial Pneumonias: Advances in Knowledge since 2002. <i>Radiographics</i> , 2015 , 35, 1849-71	5.4	69
50	Accuracy of chest high-resolution computed tomography in diagnosing diffuse cystic lung diseases. <i>European Respiratory Journal</i> , 2015 , 46, 1196-9	13.6	24
49	A Genome-Wide Association Study of Emphysema and Airway Quantitative Imaging Phenotypes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 559-69	10.2	103
48	CT scan findings of probable usual interstitial pneumonitis have a high predictive value for histologic usual interstitial pneumonitis. <i>Chest</i> , 2015 , 147, 450-459	5.3	112

47	The Impact of Sources of Variability on Parametric Response Mapping of Lung CT Scans. <i>Tomography</i> , 2015 , 1, 69-77	3.1	15
46	CT staging and monitoring of fibrotic interstitial lung diseases in clinical practice and treatment trials: a position paper from the Fleischner Society. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 483-96	35.1	95
45	CT-Definable Subtypes of Chronic Obstructive Pulmonary Disease: A Statement of the Fleischner Society. <i>Radiology</i> , 2015 , 277, 192-205	20.5	273
44	Classification of usual interstitial pneumonia in patients with interstitial lung disease: assessment of a machine learning approach using high-dimensional transcriptional data. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 473-82	35.1	81
43	Usual interstitial pneumonia: typical and atypical high-resolution computed tomography features. <i>Seminars in Ultrasound, CT and MRI</i> , 2014 , 35, 12-23	1.7	12
42	Smoking-related idiopathic interstitial pneumonia. <i>European Respiratory Journal</i> , 2014 , 44, 594-602	13.6	27
41	Epidemiology, genetics, and subtyping of preserved ratio impaired spirometry (PRISm) in COPD Gene. <i>Respiratory Research</i> , 2014 , 15, 89	7.3	109
40	Cardiovascular disease is associated with COPD severity and reduced functional status and quality of life. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2014 , 11, 546-51	2	20
39	Prediction of acute respiratory disease in current and former smokers with and without COPD. <i>Chest</i> , 2014 , 146, 941-950	5.3	61
38	Association between occupational exposure and lung function, respiratory symptoms, and high-resolution computed tomography imaging in COPD Gene. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 190, 756-62	10.2	32
37	Visual Assessment of CT Findings in Smokers With Nonobstructed Spirometric Abnormalities in The COPD Gene Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2014 , 1, 88-96	2.7	9
36	An official American Thoracic Society/European Respiratory Society statement: Update of the international multidisciplinary classification of the idiopathic interstitial pneumonias. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 733-48	10.2	2176
35	Interobserver variability in the CT assessment of honeycombing in the lungs. <i>Radiology</i> , 2013 , 266, 936-44	20.5	234
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