

# David A Lynch

## List of Publications by Year in descending order

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Version: 2024-02-01

204  
papers

27,423  
citations

20036

63  
h-index

6872

160  
g-index

214  
all docs

214  
docs citations

214  
times ranked

17981  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Functional imaging of COPD by CT and MRI. <i>British Journal of Radiology</i> , 2022, 95, 20201005.   | 1.0  | 4         |
| 2  | Interstitial Lung Abnormalities, Emphysema, and Spirometry in Smokers. <i>Chest</i> , 2022, 161, 999-1010.  | 0.4  | 8         |
| 3  | Incidental Findings on Low-Dose CT Scan Lung Cancer Screenings and Deaths From Respiratory Diseases. <i>Chest</i> , 2022, 161, 1092-1100.   | 0.4  | 23        |
| 4  | Radiologic Classification of Black Lung: Time for a New Gold Standard?. <i>Annals of the American Thoracic Society</i> , 2022, , .  | 1.5  | 0         |
| 5  | Plasma sRAGE levels strongly associate with centrilobular emphysema assessed by HRCT scans. <i>Respiratory Research</i> , 2022, 23, 15.   | 1.4  | 7         |
| 6  | Olfactory dysfunction in people with cystic fibrosis with at least one copy of F508del. <i>International Forum of Allergy and Rhinology</i> , 2022, 12, 963-966.  | 1.5  | 5         |
| 7  | CC-90001, a c-Jun N-terminal kinase (JNK) inhibitor, in patients with pulmonary fibrosis: design of a phase 2, randomised, placebo-controlled trial. <i>BMJ Open Respiratory Research</i> , 2022, 9, e001060.                             | 1.2  | 17        |
| 8  | Quantitative imaging analysis detects subtle airway abnormalities in symptomatic military deployers. <i>BMC Pulmonary Medicine</i> , 2022, 22, 163.   | 0.8  | 3         |
| 9  | 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. | 2.5  | 780       |
| 10 | Host and pathogen response to bacteriophage engineered against <i>Mycobacterium abscessus</i> lung infection. <i>Cell</i> , 2022, 185, 1860-1874.e12.   | 13.5 | 93        |
| 11 | Emphysema Progression at CT by Deep Learning Predicts Functional Impairment and Mortality: Results from the COPDGene Study. <i>Radiology</i> , 2022, 304, 672-679.  | 3.6  | 12        |
| 12 | Traction Bronchiectasis/Bronchiolectasis on CT Scans in Relationship to Clinical Outcomes and Mortality: The COPDGene Study. <i>Radiology</i> , 2022, 304, 694-701.   | 3.6  | 13        |
| 13 | Integration and Application of Clinical Practice Guidelines for the Diagnosis of Idiopathic Pulmonary Fibrosis and Fibrotic Hypersensitivity Pneumonitis. <i>Chest</i> , 2022, 162, 614-629.  | 0.4  | 19        |
| 14 | 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.   | 1.5  | 6         |
| 15 | 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.                | 2.5  | 55        |
| 16 | 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.  | 3.6  | 23        |
| 17 | Imaging of pulmonary hypertension in adults: a position paper from the Fleischner Society. <i>European Respiratory Journal</i> , 2021, 57, 2004455.   | 3.1  | 42        |
| 18 | Interstitial Lung Abnormality Incidentally Detected on CT. <i>Chest</i> , 2021, 159, 5-6.   | 0.4  | 1         |

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|----|--|-----|-----------|
| 19 | Progression of Emphysema and Small Airways Disease in Cigarette Smokers. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla )</i> , 2021, 8, 198-212.   | 0.5 | 7         |
| 20 | 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. | 0.7 | 15        |
| 21 | 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.   | 0.9 | 27        |
| 22 | 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.  | 0.8 | 2         |
| 23 | 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        |
| 24 | Imaging of Pulmonary Hypertension in Adults: A Position Paper from the Fleischner Society. <i>Radiology</i> , 2021, 298, 531-549.  | 3.6 | 43        |
| 25 | 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.   | 0.4 | 53        |
| 26 | Comparison of CT Lung Density Measurements between Standard Full-Dose and Reduced-Dose Protocols. <i>Radiology: Cardiothoracic Imaging</i> , 2021, 3, e200503.   | 0.9 | 14        |
| 27 | Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. <i>Respiratory Research</i> , 2021, 22, 127.  | 1.4 | 26        |
| 28 | 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.  | 3.6 | 27        |
| 29 | 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, 00054-2021.   | 1.1 | 3         |
| 30 | 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.                        | 0.9 | 22        |
| 31 | 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.   | 1.4 | 12        |
| 32 | 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.  | 0.4 | 9         |
| 33 | Ground glass and fibrotic change in children with surfactant protein C dysfunction mutations. <i>Pediatric Pulmonology</i> , 2021, 56, 2223-2231.  | 1.0 | 10        |
| 34 | Persistent, Progressive Pulmonary Fibrosis and Epithelial Remodeling in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 669-676.   | 1.4 | 39        |
| 35 | Diagnosis and Evaluation of Hypersensitivity Pneumonitis. <i>Chest</i> , 2021, 160, e97-e156.  | 0.4 | 104       |
| 36 | CT of Post-Acute Lung Complications of COVID-19. <i>Radiology</i> , 2021, 301, E383-E395.  | 3.6 | 115       |

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|----|--|-----|-----------|
| 37 | 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.           | 3.6 | 16        |
| 38 | QIBA guidance: Computed tomography imaging for COVID-19 quantitative imaging applications. <i>Clinical Imaging</i> , 2021, 77, 151-157.  | 0.8 | 11        |
| 39 | Interstitial Lung Abnormalities: State of the Art. <i>Radiology</i> , 2021, 301, 19-34.  | 3.6 | 63        |
| 40 | 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. | 1.5 | 8         |
| 41 | Diagnosis of Hypersensitivity Pneumonitis. <i>American Journal of Surgical Pathology</i> , 2021, Publish Ahead of Print, .   | 2.1 | 2         |
| 42 | 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.                                    | 1.0 | 6         |
| 43 | Risk factors for disease progression in idiopathic pulmonary fibrosis. <i>Thorax</i> , 2020, 75, 78-80.  | 2.7 | 22        |
| 44 | Subtyping COPD by Using Visual and Quantitative CT Imaging Features. <i>Chest</i> , 2020, 157, 47-60.  | 0.4 | 60        |
| 45 | Machine Learning Characterization of COPD Subtypes. <i>Chest</i> , 2020, 157, 1147-1157.   | 0.4 | 44        |
| 46 | Deep Learning Enables Automatic Classification of Emphysema Pattern at CT. <i>Radiology</i> , 2020, 294, 434-444.  | 3.6 | 89        |
| 47 | Traction Bronchiectasis/Bronchiolectasis is Associated with Interstitial Lung Abnormality Mortality. <i>European Journal of Radiology</i> , 2020, 129, 109073.   | 1.2 | 38        |
| 48 | Chronic obstructive pulmonary disease and related phenotypes: polygenic risk scores in population-based and case-control cohorts. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 696-708.                      | 5.2 | 69        |
| 49 | Expanding Applications of Pulmonary MRI in the Clinical Evaluation of Lung Disorders: Fleischner Society Position Paper. <i>Radiology</i> , 2020, 297, 286-301.  | 3.6 | 95        |
| 50 | High-Spatial-Resolution CT Offers New Opportunities for Discovery in the Lung. <i>Radiology</i> , 2020, 297, 472-473.  | 3.6 | 3         |
| 51 | Validation of a method to assess emphysema severity by spirometry in the COPDGene study. <i>Respiratory Research</i> , 2020, 21, 103.  | 1.4 | 4         |
| 52 | Inter- and intra- software reproducibility of computed tomography lung density measurements. <i>Medical Physics</i> , 2020, 47, 2962-2969.   | 1.6 | 9         |
| 53 | Invited Commentary on "Quantitative CT Analysis of Diffuse Lung Disease". <i>Radiographics</i> , 2020, 40, E1-E3.  | 1.4 | 3         |
| 54 | Interstitial lung abnormalities detected incidentally on CT: a Position Paper from the Fleischner Society. <i>Lancet Respiratory Medicine</i> , the, 2020, 8, 726-737.   | 5.2 | 279       |

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|----|---|-----|-----------|
| 55 | 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.  | 3.6 | 24        |
| 56 | 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.  | 2.5 | 68        |
| 57 | Luminal Plugging on Chest CT Scan. <i>Chest</i> , 2020, 158, 121-130.   | 0.4 | 27        |
| 58 | Clinical Decision-Making in Hypersensitivity Pneumonitis: Diagnosis and Management. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2020, 41, 214-228.  | 0.8 | 11        |
| 59 | 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.   | 1.5 | 31        |
| 60 | 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.  | 3.6 | 52        |
| 61 | A Risk Prediction Model for Mortality Among Smokers in the COPDGene® Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla )</i> , 2020, 7, 346-361.   | 0.5 | 9         |
| 62 | Differentiating combined pulmonary fibrosis and emphysema from pure emphysema: utility of late gadolinium-enhanced MRI. <i>European Radiology Experimental</i> , 2020, 4, 61.   | 1.7 | 3         |
| 63 | Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. <i>Academic Radiology</i> , 2019, 26, 217-223.  | 1.3 | 55        |
| 64 | Computed Tomographic Biomarkers in Idiopathic Pulmonary Fibrosis. The Future of Quantitative Analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 12-21.  | 2.5 | 102       |
| 65 | DSP variants may be associated with longitudinal change in quantitative emphysema. <i>Respiratory Research</i> , 2019, 20, 160.   | 1.4 | 7         |
| 66 | <i>MUC5B</i> variant is associated with visually and quantitatively detected preclinical pulmonary fibrosis. <i>Thorax</i> , 2019, 74, 1131-1139.   | 2.7 | 43        |
| 67 | 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. | 1.0 | 10        |
| 68 | Advances in CT Diagnosis of UIP and IPF. <i>Seminars in Roentgenology</i> , 2019, 54, 6-14.   | 0.2 | 3         |
| 69 | 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.  | 0.4 | 17        |
| 70 | 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.   | 1.6 | 59        |
| 71 | Isolated Cystic Lung Disease: An Algorithmic Approach to Distinguishing Birt-Hogg-Dub© Syndrome, Lymphangiomyomatosis, and Lymphocytic Interstitial Pneumonia. <i>American Journal of Roentgenology</i> , 2019, 212, 1260-1264.                         | 1.0 | 30        |
| 72 | CT Phenotypes in Hypersensitivity Pneumonitis. <i>Chest</i> , 2019, 155, 655-656.   | 0.4 | 6         |

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|----|--|-----|-----------|
| 73 | 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.  | 5.2 | 119       |
| 74 | Criteria for Early-Phase Diffuse Idiopathic Skeletal Hyperostosis: Development and Validation. <i>Radiology</i> , 2019, 291, 420-426.  | 3.6 | 26        |
| 75 | Reprint of: Voxel-Wise Longitudinal Parametric Response Mapping Analysis of Chest Computed Tomography in Smokers. <i>Academic Radiology</i> , 2019, 26, 306-312.   | 1.3 | 11        |
| 76 | Objectively Measured Chronic Lung Injury on Chest CT. <i>Chest</i> , 2019, 156, 1149-1159.   | 0.4 | 9         |
| 77 | Relationship between diffusion capacity and small airway abnormality in COPD. <i>Respiratory Research</i> , 2019, 20, 269.   | 1.4 | 26        |
| 78 | Interstitial Lung Abnormality: Recognition and Perspectives. <i>Radiology</i> , 2019, 291, 1-3.  | 3.6 | 70        |
| 79 | Relationship between current smoking, visual CT findings and emphysema index in cigarette smokers. <i>Clinical Imaging</i> , 2019, 53, 195-199.  | 0.8 | 3         |
| 80 | Airway wall thickening on CT: Relation to smoking status and severity of COPD. <i>Respiratory Medicine</i> , 2019, 146, 36-41.   | 1.3 | 47        |
| 81 | Using a spatial point process framework to characterize lung computed tomography scans. <i>Spatial Statistics</i> , 2019, 29, 243-267.   | 0.9 | 2         |
| 82 | Imaging Advances in Chronic Obstructive Pulmonary Disease. Insights from the Genetic Epidemiology of Chronic Obstructive Pulmonary Disease (COPD Gene) Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 286-301.        | 2.5 | 100       |
| 83 | COPD Gene 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 384-399.  | 0.5 | 112       |
| 84 | Subtypes of COPD Have Unique Distributions and Differential Risk of Mortality. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019, 6, 400-413.  | 0.5 | 24        |
| 85 | 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.  | 0.5 | 11        |
| 86 | 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> , 2019, 7, 1.                    | 0.8 | 0         |
| 87 | Association between Emphysema and Chronic Obstructive Pulmonary Disease Outcomes in the COPD Gene 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. | 2.5 | 29        |
| 88 | Features of COPD as Predictors of Lung Cancer. <i>Chest</i> , 2018, 153, 1326-1335.  | 0.4 | 67        |
| 89 | Diagnostic criteria for idiopathic pulmonary fibrosis – Authors' reply. <i>Lancet Respiratory Medicine</i> , 2018, 6, e7.  | 5.2 | 3         |
| 90 | Association between acute respiratory disease events and the MUC5B promoter polymorphism in smokers. <i>Thorax</i> , 2018, 73, 1071-1074.  | 2.7 | 13        |

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|-----|--|-----|-----------|
| 91  | Asthma Is a Risk Factor for Respiratory Exacerbations Without Increased Rate of Lung Function Decline. <i>Chest</i> , 2018, 153, 368-377.  | 0.4 | 14        |
| 92  | Paratracheal Paraseptal Emphysema and Expiratory Central Airway Collapse in Smokers. <i>Annals of the American Thoracic Society</i> , 2018, 15, 479-484.   | 1.5 | 12        |
| 93  | 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.   | 1.0 | 26        |
| 94  | Data-driven optimal binning for respiratory motion management in PET. <i>Medical Physics</i> , 2018, 45, 277-286.  | 1.6 | 15        |
| 95  | Disease Severity Dependence of the Longitudinal Association Between CT Lung Density and Lung Function in Smokers. <i>Chest</i> , 2018, 153, 638-645.   | 0.4 | 16        |
| 96  | 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.  | 1.6 | 78        |
| 97  | Screening for Lung Cancer: Incidental Pulmonary Parenchymal Findings. <i>American Journal of Roentgenology</i> , 2018, 210, 503-513.   | 1.0 | 22        |
| 98  | Diagnostic criteria for idiopathic pulmonary fibrosis: a Fleischner Society White Paper. <i>Lancet Respiratory Medicine</i> , 2018, 6, 138-153.  | 5.2 | 739       |
| 99  | Pulmonary vascular pruning in smokers with bronchiectasis. <i>ERJ Open Research</i> , 2018, 4, 00044-2018.   | 1.1 | 19        |
| 100 | Automatic Classification of Centrilobular Emphysema on CT Using Deep Learning: Comparison with Visual Scoring. <i>Lecture Notes in Computer Science</i> , 2018, , 319-325.   | 1.0 | 3         |
| 101 | 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.                                    | 1.5 | 12        |
| 102 | CT-based Visual Classification of Emphysema: Association with Mortality in the COPD Gene Study. <i>Radiology</i> , 2018, 288, 859-866.   | 3.6 | 138       |
| 103 | Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality. <i>American Journal of Epidemiology</i> , 2018, 187, 2109-2116.   | 1.6 | 25        |
| 104 | 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.                     | 1.4 | 15        |
| 105 | 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. | 1.3 | 63        |
| 106 | Identification of usual interstitial pneumonia pattern using RNA-Seq and machine learning: challenges and solutions. <i>BMC Genomics</i> , 2018, 19, 101.  | 1.2 | 23        |
| 107 | Imaging features of sarcoidosis. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2018, 111, 649-651.   | 0.2 | 1         |
| 108 | Quantitative high-resolution computed tomography fibrosis score: performance characteristics in idiopathic pulmonary fibrosis. <i>European Respiratory Journal</i> , 2018, 52, 1801384.                                | 3.1 | 66        |



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|-----|---|-----|-----------|
| 109 | Interstitial Features at Chest CT Enhance the Deleterious Effects of Emphysema in the COPD Gene Cohort. <i>Radiology</i> , 2018, 288, 600-609.  | 3.6 | 37        |
| 110 | Convolutional Neural Network Based COPD and Emphysema Classifications Are Predictive of Lung Cancer Diagnosis. <i>Lecture Notes in Computer Science</i> , 2018, , 302-309.  | 1.0 | 7         |
| 111 | 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.                 | 0.5 | 3         |
| 112 | Standardizing <scp>CT</scp> lung density measure across scanner manufacturers. <i>Medical Physics</i> , 2017, 44, 974-985.  | 1.6 | 48        |
| 113 | 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.                          | 1.6 | 7         |
| 114 | Computed tomography quantification of tracheal abnormalities in COPD and their influence on airflow limitation. <i>Medical Physics</i> , 2017, 44, 3594-3603.   | 1.6 | 5         |
| 115 | Computed tomographic findings in subjects who died from respiratory disease in the National Lung Screening Trial. <i>European Respiratory Journal</i> , 2017, 49, 1601814.  | 3.1 | 26        |
| 116 | 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.            | 2.5 | 166       |
| 117 | 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.   | 3.6 | 121       |
| 118 | Proteomic profiling identifies novel circulating markers associated with bronchiectasis in cystic fibrosis. <i>Proteomics - Clinical Applications</i> , 2017, 11, 1600147.  | 0.8 | 15        |
| 119 | Clinical and Genetic Associations of Objectively Identified Interstitial Changes in Smokers. <i>Chest</i> , 2017, 152, 780-791.   | 0.4 | 37        |
| 120 | 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.               | 1.5 | 57        |
| 121 | Ventricular Geometry From Non-contrast Non-ECG-gated CT Scans. <i>Academic Radiology</i> , 2017, 24, 594-602.   | 1.3 | 19        |
| 122 | Lung Mass in Smokers. <i>Academic Radiology</i> , 2017, 24, 386-392.  | 1.3 | 15        |
| 123 | The Objective Identification and Quantification of Interstitial Lung Abnormalities in Smokers. <i>Academic Radiology</i> , 2017, 24, 941-946.   | 1.3 | 37        |
| 124 | Usual Interstitial Pneumonia Can Be Detected in Transbronchial Biopsies Using Machine Learning. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1646-1654.   | 1.5 | 77        |
| 125 | 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. | 2.5 | 97        |
| 126 | Securing safe and informative thoracic CT examinations—Progress of radiation dose reduction techniques. <i>European Journal of Radiology</i> , 2017, 86, 313-319.   | 1.2 | 14        |



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|-----|--|-----|-----------|
| 127 | 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.   | 1.5 | 15        |
| 128 | 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.  | 2.5 | 102       |
| 129 | Surgical Lung Biopsy for Interstitial Lung Diseases. <i>Chest</i> , 2017, 151, 1131-1140.  | 0.4 | 64        |
| 130 | Bronchoarterial ratio in never-smokers adults: Implications for bronchial dilation definition. <i>Respirology</i> , 2017, 22, 108-113.   | 1.3 | 28        |
| 131 | Pulmonary CT and MRI phenotypes that help explain chronic pulmonary obstruction disease pathophysiology and outcomes. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 43, 544-557.  | 1.9 | 59        |
| 132 | Frequency based gating: An alternative, conformal, approach to 4D PET data utilization. <i>Medical Physics</i> , 2016, 43, 1451-1461.  | 1.6 | 4         |
| 133 | Cystic Lung Diseases. <i>Chest</i> , 2016, 150, 945-965.   | 0.4 | 107       |
| 134 | Identifying a Deletion Affecting Total Lung Capacity Among Subjects in the COPD Gene Study Cohort. <i>Genetic Epidemiology</i> , 2016, 40, 81-88.  | 0.6 | 5         |
| 135 | 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. | 1.2 | 68        |
| 136 | CT Imaging Phenotypes of Pulmonary Fibrosis in the MUC5B Promoter Site Polymorphism. <i>Chest</i> , 2016, 149, 1215-1222.  | 0.4 | 19        |
| 137 | Acute Exacerbation of Idiopathic Pulmonary Fibrosis. An International Working Group Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 265-275.  | 2.5 | 1,006     |
| 138 | Association Between Expiratory Central Airway Collapse and Respiratory Outcomes Among Smokers. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 498.   | 3.8 | 67        |
| 139 | Association between Functional Small Airway Disease and FEV <sub>1</sub> Decline in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 178-184.   | 2.5 | 292       |
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