

George R Washko

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.

166
papers

4,171
citations

35
h-index

58
g-index

178
ext. papers

5,592
ext. citations

6.5
avg, IF

5.18
L-index

#	Paper	IF	Citations
166	Interstitial Lung Abnormalities, Emphysema and Spirometry in Smokers. <i>Chest</i> , 2021 ,	5.3	1
165	Vascular remodeling of the small pulmonary arteries and measures of vascular pruning on computed tomography. <i>Pulmonary Circulation</i> , 2021 , 11, 20458940211061284	2.7	1
164	Longitudinal association between muscle loss and mortality in ever-smokers. <i>Chest</i> , 2021 ,	5.3	1
163	Gene expression of oxidative stress markers and lung function: A CARDIA lung study. <i>Molecular Genetics & Genomic Medicine</i> , 2021 , e1832	2.3	1
162	Ambient air pollution exposure and radiographic pulmonary vascular volumes. <i>Environmental Epidemiology</i> , 2021 , 5, e143	0.2	1
161	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
160	An Integrative Genomic Strategy Identifies sRAGE as a Causal and Protective Biomarker of Lung Function. <i>Chest</i> , 2021 ,	5.3	1
159	Paired CT Measures of Emphysema and Small Airways Disease and Lung Function and Exercise Capacity in Smokers with Radiographic Bronchiectasis. <i>Academic Radiology</i> , 2021 , 28, 370-378	4.3	4
158	Pulmonary Vascular Pruning on Computed Tomography and Risk of Death in the Framingham Heart Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 251-254	10.2	5
157	Qualitative emphysema and risk of COPD hospitalization in a multicenter CT lung cancer screening cohort study. <i>Respiratory Medicine</i> , 2021 , 176, 106245	4.6	2
156	Distinguishing Smoking-Related Lung Disease Phenotypes Via Imaging and Molecular Features. <i>Chest</i> , 2021 , 159, 549-563	5.3	1
155	Vascular Pruning on CT and Interstitial Lung Abnormalities in the Framingham Heart Study. <i>Chest</i> , 2021 , 159, 663-672	5.3	3
154	Arterial vascular volume changes with haemodynamics in schistosomiasis-associated pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	0
153	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
152	Respiratory exacerbations are associated with muscle loss in current and former smokers. <i>Thorax</i> , 2021 , 76, 554-560	7.3	5
151	Association between Cardiorespiratory Fitness and Bronchiectasis at CT: A Long-term Population-based Study of Healthy Young Adults Aged 18-30 Years in the CARDIA Study. <i>Radiology</i> , 2021 , 300, 190-196	20.5	
150	Study protocol for a national cohort of adults focused on respiratory health: the American Lung Association Lung Health Cohort (ALA-LHC) Study. <i>BMJ Open</i> , 2021 , 11, e053342	3	0

149	A simple assessment of lung nodule location for reduction in unnecessary invasive procedures. <i>Journal of Thoracic Disease</i> , 2021 , 13, 4207-4216	2.6	
148	Quantification of Arterial and Venous Morphologic Markers in Pulmonary Arterial Hypertension Using CT Imaging. <i>Chest</i> , 2021 , 160, 2220-2231	5.3	4
147	Pulmonary Artery Enlargement Is Associated with Exacerbations and Mortality in Ever-Smokers with Preserved Ratio Impaired Spirometry. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 481-485	10.2	1
146	Loss of Pulmonary Vascular Volume as a Predictor of Right Ventricular Dysfunction and Mortality in Acute Pulmonary Embolism. <i>Circulation: Cardiovascular Imaging</i> , 2021 , 14, e012347	3.9	1
145	Quantitative CT metrics are associated with longitudinal lung function decline and future asthma exacerbations: Results from SARP-3. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 148, 752-762	11.5	7
144	Genetic variation in genes regulating skeletal muscle regeneration and tissue remodelling associated with weight loss in chronic obstructive pulmonary disease. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 ,	10.3	1
143	Predictors of lung function trajectories in population-based studies: A systematic review. <i>Respirology</i> , 2021 , 26, 938-959	3.6	2
142	The Framingham Heart Study: Populational CT-based phenotyping in the lungs and mediastinum. <i>European Journal of Radiology Open</i> , 2020 , 7, 100260	2.6	1
141	Tumor density is associated with response to endobronchial ultrasound-guided transbronchial needle injection of cisplatin. <i>Journal of Thoracic Disease</i> , 2020 , 12, 4825-4832	2.6	1
140	Heme metabolism genes Downregulated in COPD Cachexia. <i>Respiratory Research</i> , 2020 , 21, 100	7.3	0
139	Machine Learning and Prediction of All-Cause Mortality in COPD. <i>Chest</i> , 2020 , 158, 952-964	5.3	15
138	Smaller Left Ventricle Size at Noncontrast CT Is Associated with Lower Mortality in COPD Gene Participants. <i>Radiology</i> , 2020 , 296, 208-215	20.5	4
137	Update in Chronic Obstructive Pulmonary Disease 2019. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 348-355	10.2	10
136	Lung Function and Gene Expression of Pathogen Recognition Pathway Receptors: the Cardia Lung Study. <i>Scientific Reports</i> , 2020 , 10, 9360	4.9	2
135	An open-source framework for pulmonary fissure completeness assessment. <i>Computerized Medical Imaging and Graphics</i> , 2020 , 83, 101712	7.6	0
134	Evidence for Expanding Invasive Mediastinal Staging for Peripheral T1 Lung Tumors. <i>Chest</i> , 2020 , 158, 2192-2199	5.3	6
133	A Highly Phenotyped Open Access Repository of Alpha-1 Antitrypsin Deficiency Pluripotent Stem Cells. <i>Stem Cell Reports</i> , 2020 , 15, 242-255	8	10
132	Single-cell RNA-seq reveals ectopic and aberrant lung-resident cell populations in idiopathic pulmonary fibrosis. <i>Science Advances</i> , 2020 , 6, eaba1983	14.3	219

131	Cost-effectiveness microsimulation of catheter-directed thrombolysis in submassive pulmonary embolism using a right ventricular function model. <i>Journal of Thrombosis and Thrombolysis</i> , 2020 , 49, 673-680	5.1	
130	Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPDGene. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	9
129	Classification of Interstitial Lung Abnormality Patterns with an Ensemble of Deep Convolutional Neural Networks. <i>Scientific Reports</i> , 2020 , 10, 338	4.9	30
128	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
127	Biobanking and cryopreservation of human lung explants for omic analysis. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	9
126	Machine Learning Characterization of COPD Subtypes: Insights From the COPDGene Study. <i>Chest</i> , 2020 , 157, 1147-1157	5.3	18
125	Phenotypic characterisation of early COPD: a prospective case-control study. <i>ERJ Open Research</i> , 2020 , 6,	3.5	9
124	Computerized Chest Imaging in the Diagnosis and Assessment of the Patient with Chronic Obstructive Pulmonary Disease. <i>Clinics in Chest Medicine</i> , 2020 , 41, 375-381	5.3	
123	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
122	Quantitative Pectoralis Muscle Area is Associated with the Development of Lung Cancer in a Large Lung Cancer Screening Cohort. <i>Lung</i> , 2020 , 198, 847-853	2.9	4
121	Adult Life-Course Trajectories of Lung Function and the Development of Emphysema: The CARDIA Lung Study. <i>American Journal of Medicine</i> , 2020 , 133, 222-230.e11	2.4	7
120	Harmonization of chest CT scans for different doses and reconstruction methods. <i>Medical Physics</i> , 2019 , 46, 3117-3132	4.4	3
119	Ambient air pollution exposure and risk and progression of interstitial lung abnormalities: the Framingham Heart Study. <i>Thorax</i> , 2019 , 74, 1063-1069	7.3	20
118	LOCALIZING IMAGE-BASED BIOMARKER REGRESSION WITHOUT TRAINING MASKS: A NEW APPROACH TO BIOMARKER DISCOVERY 2019 , 2019, 679-682	1.5	
117	Pulmonary vascular density: comparison of findings on computed tomography imaging with histology. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	25
116	Radiographic pulmonary vessel volume, lung function and airways disease in the Framingham Heart Study. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	12
115	Semi-quantitative visual assessment of chest radiography is associated with clinical outcomes in critically ill patients. <i>Respiratory Research</i> , 2019 , 20, 218	7.3	8
114	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

113	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
112	Identification of an emphysema-associated genetic variant near with regulatory effects in lung fibroblasts. <i>ELife</i> , 2019 , 8,	8.9	12
111	Bronchial Cartilage Assessment with Model-Based GAN Regressor. <i>Lecture Notes in Computer Science</i> , 2019 , 11769, 357-365	0.9	1
110	Cigarette Smoke Exposure and Radiographic Pulmonary Vascular Morphology in the Framingham Heart Study. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 698-706	4.7	9
109	Objectively Measured Chronic Lung Injury on Chest CT. <i>Chest</i> , 2019 , 156, 1149-1159	5.3	3
108	Quantification and Significance of Pulmonary Vascular Volume in Predicting Response to Ultrasound-Facilitated, Catheter-Directed Fibrinolysis in Acute Pulmonary Embolism (SEATTLE-3D). <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e009903	3.9	7
107	Life-Course Smoking Trajectories and Risk for Emphysema in Middle Age: The CARDIA Lung Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 237-240	10.2	4
106	Association of outdoor temperature with lung function in a temperate climate. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	8
105	Current Controversies in Chronic Obstructive Pulmonary Disease. A Report from the Global Initiative for Chronic Obstructive Lung Disease Scientific Committee. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 29-39	4.7	8
104	Inflammation and endothelial activation in early adulthood are associated with future emphysema: the CARDIA Lung Study. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	3
103	Quantification of the Pulmonary Vascular Response to Inhaled Nitric Oxide Using Noncontrast Computed Tomography Imaging. <i>Circulation: Cardiovascular Imaging</i> , 2019 , 12, e008338	3.9	10
102	Longitudinal Modeling of Lung Function Trajectories in Smokers with and without Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1033-1042	10.2	18
101	Pruning of the Pulmonary Vasculature in Asthma. The Severe Asthma Research Program (SARP) Cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 39-50	10.2	28
100	Defining Impaired Respiratory Health. A Paradigm Shift for Pulmonary Medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 440-446	10.2	17
99	Reply to Mummadi et al.: Overfitting and Use of Mismatched Cohorts in Deep Learning Models: Preventable Design Limitations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 545	10.2	1
98	Association between acute respiratory disease events and the promoter polymorphism in smokers. <i>Thorax</i> , 2018 , 73, 1071-1074	7.3	7
97	Exposure to Traffic Emissions and Fine Particulate Matter and Computed Tomography Measures of the Lung and Airways. <i>Epidemiology</i> , 2018 , 29, 333-341	3.1	13
96	Smoking duration alone provides stronger risk estimates of chronic obstructive pulmonary disease than pack-years. <i>Thorax</i> , 2018 , 73, 414-421	7.3	60

95	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
94	Autocalibration method for non-stationary CT bias correction. <i>Medical Image Analysis</i> , 2018 , 44, 115-125	15.4	5
93	Pectoralis muscle area and mortality in smokers without airflow obstruction. <i>Respiratory Research</i> , 2018 , 19, 62	7.3	24
92	Susceptibility to Inhalational Lung Injury: We Need More Than the FEV. <i>Annals of the American Thoracic Society</i> , 2018 , 15, 156-157	4.7	1
91	Imaging approaches to understand disease complexity: chronic obstructive pulmonary disease as a clinical model. <i>Journal of Applied Physiology</i> , 2018 , 124, 512-520	3.7	4
90	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
89	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. <i>Chest</i> , 2018 , 153, 65-76	5.3	23
88	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	10.2	50
87	Disease Staging and Prognosis in Smokers Using Deep Learning in Chest Computed Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 193-203	10.2	118
86	Ensemble genomic analysis in human lung tissue identifies novel genes for chronic obstructive pulmonary disease. <i>Human Genomics</i> , 2018 , 12, 1	6.8	20
85	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
84	Multiorgan structures detection using deep convolutional neural networks. <i>Proceedings of SPIE</i> , 2018 , 10574,	1.7	2
83	Airway fractal dimension predicts respiratory morbidity and mortality in COPD. <i>Journal of Clinical Investigation</i> , 2018 , 128, 5374-5382	15.9	19
82	On the Relevance of the Loss Function in the Agatston Score Regression from Non-ECG Gated CT Scans. <i>Lecture Notes in Computer Science</i> , 2018 , 11040, 326-334	0.9	3
81	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
80	Multi-structure Segmentation from Partially Labeled Datasets. Application to Body Composition Measurements on CT Scans. <i>Lecture Notes in Computer Science</i> , 2018 , 11040, 215-224	0.9	6
79	Pulmonary vascular pruning in smokers with bronchiectasis. <i>ERJ Open Research</i> , 2018 , 4,	3.5	10
78	Automated Agatston Score Computation in non-ECG Gated CT Scans Using Deep Learning. <i>Proceedings of SPIE</i> , 2018 , 10574,	1.7	22

77	COPD biomarkers and phenotypes: opportunities for better outcomes with precision imaging. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	25
76	Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality: The COPDGene Study. <i>American Journal of Epidemiology</i> , 2018 , 187, 2109-2116	3.8	14
75	Lower Pectoralis Muscle Area Is Associated with a Worse Overall Survival in Non-Small Cell Lung Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017 , 26, 38-43	4	42
74	Interstitial lung abnormalities: risk and opportunity. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 95-96	35.1	7
73	Quantitative computed tomography assessment of bronchiolitis obliterans syndrome after lung transplantation. <i>Clinical Transplantation</i> , 2017 , 31, e12943	3.8	6
72	Association between Cardiorespiratory Fitness and Lung Health from Young Adulthood to Middle Age. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1236-1243	10.2	23
71	Pleural abnormalities in the Framingham Heart Study: prevalence and CT image features. <i>Occupational and Environmental Medicine</i> , 2017 , 74, 756-761	2.1	9
70	Quantitative CT Measures of Bronchiectasis in Smokers. <i>Chest</i> , 2017 , 151, 1255-1262	5.3	41
69	Statistical characterization of noise for spatial standardization of CT scans: Enabling comparison with multiple kernels and doses. <i>Medical Image Analysis</i> , 2017 , 40, 44-59	15.4	10
68	American Thoracic Society/National Heart, Lung, and Blood Institute Asthma-Chronic Obstructive Pulmonary Disease Overlap Workshop Report. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 375-381	10.2	69
67	Densitometric and local histogram based analysis of computed tomography images in patients with idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2017 , 18, 45	7.3	42
66	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
65	Functional interactors of three genome-wide association study genes are differentially expressed in severe chronic obstructive pulmonary disease lung tissue. <i>Scientific Reports</i> , 2017 , 7, 44232	4.9	57
64	Lung Mass in Smokers. <i>Academic Radiology</i> , 2017 , 24, 386-392	4.3	10
63	The Objective Identification and Quantification of Interstitial Lung Abnormalities in Smokers. <i>Academic Radiology</i> , 2017 , 24, 941-946	4.3	22
62	CT imaging of chronic obstructive pulmonary disease: insights, disappointments, and promise. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 903-908	35.1	5
61	Acute Exacerbations and Lung Function Loss in Smokers with and without Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 324-330	10.2	140
60	The promoter polymorphism is associated with specific interstitial lung abnormality subtypes. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	34

59	Chest computed tomography-derived low-fat-free mass index and mortality in COPD. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	29
58	Pulmonary Clinicopathological Correlation after Allogeneic Hematopoietic Stem Cell Transplantation: An Autopsy Series. <i>Biology of Blood and Marrow Transplantation</i> , 2017 , 23, 1767-1772	4.7	14
57	Genome-wide association study of subclinical interstitial lung disease in MESA. <i>Respiratory Research</i> , 2017 , 18, 97	7.3	15
56	Effect of beta-blockers on exacerbation rate and lung function in chronic obstructive pulmonary disease (COPD). <i>Respiratory Research</i> , 2017 , 18, 124	7.3	22
55	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
54	Bronchoarterial ratio in never-smokers adults: Implications for bronchial dilation definition. <i>Respirology</i> , 2017 , 22, 108-113	3.6	21
53	Differences in Respiratory Symptoms and Lung Structure Between Hispanic and Non-Hispanic White Smokers: A Comparative Study. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017 , 4, 297-304	3.7	3
52	β-blockers are associated with a reduction in COPD exacerbations. <i>Thorax</i> , 2016 , 71, 8-14	7.3	78
51	DNA methylation profiling in human lung tissue identifies genes associated with COPD. <i>Epigenetics</i> , 2016 , 11, 730-739	5.7	48
50	Clinical, physiologic, and radiographic factors contributing to development of hypoxemia in moderate to severe COPD: a cohort study. <i>BMC Pulmonary Medicine</i> , 2016 , 16, 169	3.5	13
49	DERIVATION OF A TEST STATISTIC FOR EMPHYSEMA QUANTIFICATION 2016 , 2016, 1269-1273	1.5	1
48	Normal thymus in adults: appearance on CT and associations with age, sex, BMI and smoking. <i>European Radiology</i> , 2016 , 26, 15-24	8	39
47	Association Between Interstitial Lung Abnormalities and All-Cause Mortality. <i>JAMA - Journal of the American Medical Association</i> , 2016 , 315, 672-81	27.4	209
46	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
45	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
44	A Robust Emphysema Severity Measure Based on Disease Subtypes. <i>Academic Radiology</i> , 2016 , 23, 421-43	4.3	5
43	Sex-specific features of emphysema among current and former smokers with COPD. <i>European Respiratory Journal</i> , 2016 , 47, 104-12	13.6	37
42	Magnetic resonance imaging provides sensitive in vivo assessment of experimental ventilator-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 311, L208-18	5.8	13

41	Arterial and Venous Pulmonary Vascular Morphology and Their Relationship to Findings in Cardiac Magnetic Resonance Imaging in Smokers. <i>Journal of Computer Assisted Tomography</i> , 2016 , 40, 948-952	2.2	11
40	Distinct emphysema subtypes defined by quantitative CT analysis are associated with specific pulmonary matrix metalloproteinases. <i>Respiratory Research</i> , 2016 , 17, 92	7.3	25
39	AUTOMATED AGATSTON SCORE COMPUTATION IN A LARGE DATASET OF NON ECG-GATED CHEST COMPUTED TOMOGRAPHY 2016 , 2016, 53-57	1.5	18
38	A Novel Spirometric Measure Identifies Mild COPD Unidentified by Standard Criteria. <i>Chest</i> , 2016 , 150, 1080-1090	5.3	30
37	Regional Emphysema of a Non-Small Cell Tumor Is Associated with Larger Tumors and Decreased Survival Rates. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 1197-205	4.7	13
36	The Relationship of Educational Attainment with Pulmonary Emphysema and Airway Wall Thickness. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 813-20	4.7	5
35	Detection of Rheumatoid Arthritis-Interstitial Lung Disease Is Enhanced by Serum Biomarkers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1403-12	10.2	100
34	Pulmonary cysts identified on chest CT: are they part of aging change or of clinical significance?. <i>Thorax</i> , 2015 , 70, 1156-62	7.3	29
33	Chronic Bronchitis Is Associated With Worse Symptoms and Quality of Life Than Chronic Airflow Obstruction. <i>Chest</i> , 2015 , 148, 408-416	5.3	22
32	A comparison of visual and quantitative methods to identify interstitial lung abnormalities. <i>BMC Pulmonary Medicine</i> , 2015 , 15, 134	3.5	27
31	Pulmonary Vessel Cross-sectional Area before and after Liver Transplantation: Quantification with Computed Tomography. <i>Academic Radiology</i> , 2015 , 22, 752-9	4.3	
30	Paraseptal emphysema: Prevalence and distribution on CT and association with interstitial lung abnormalities. <i>European Journal of Radiology</i> , 2015 , 84, 1413-8	4.7	36
29	Anterior Mediastinal Masses in the Framingham Heart Study: Prevalence and CT Image Characteristics. <i>European Journal of Radiology Open</i> , 2015 , 2, 26-31	2.6	30
28	Abdominal Visceral Adipose Tissue is Associated with Myocardial Infarction in Patients with COPD. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2015 , 2, 8-16	2.7	20
27	Morphologic Response of the Pulmonary Vasculature to Endoscopic Lung Volume Reduction. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2015 , 2, 214-222	2.7	9
26	Chest CT measures of muscle and adipose tissue in COPD: gender-based differences in content and in relationships with blood biomarkers. <i>Academic Radiology</i> , 2014 , 21, 1255-61	4.3	34
25	Comparing algorithms for automated vessel segmentation in computed tomography scans of the lung: the VESSEL12 study. <i>Medical Image Analysis</i> , 2014 , 18, 1217-32	15.4	88
24	Preoperative pulmonary vascular morphology and its relationship to postpneumonectomy hemodynamics. <i>Academic Radiology</i> , 2014 , 21, 704-10	4.3	

23	Invasive adenocarcinoma of the lung is associated with the upper lung regions. <i>Lung Cancer</i> , 2014 , 84, 145-50	5.9	21
22	Prediction of acute respiratory disease in current and former smokers with and without COPD. <i>Chest</i> , 2014 , 146, 941-950	5.3	61
21	Rapid lung function decline in smokers is a risk factor for COPD and is attenuated by angiotensin-converting enzyme inhibitor use. <i>Chest</i> , 2014 , 145, 695-703	5.3	46
20	Obstructive lung disease in Mexican Americans and non-Hispanic whites: an analysis of diagnosis and survival in the National Health and Nutritional Examination Survey III Follow-up Study. <i>Chest</i> , 2014 , 145, 282-289	5.3	14
19	Functional impact of a spectrum of interstitial lung abnormalities in rheumatoid arthritis. <i>Chest</i> , 2014 , 146, 41-50	5.3	54
18	Comparison of spirometric thresholds in diagnosing smoking-related airflow obstruction: authorsT response. <i>Thorax</i> , 2014 , 69, 1147-8	7.3	4
17	AIRWAY LABELING USING A HIDDEN MARKOV TREE MODEL 2014 , 2014, 554-558	1.5	1
16	Computed tomographic measures of pulmonary vascular morphology in smokers and their clinical implications. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 231-9	10.2	142
15	Characterizing functional lung heterogeneity in COPD using reference equations for CT scan-measured lobar volumes. <i>Chest</i> , 2013 , 143, 1607-1617	5.3	9
14	Effect of emphysema on CT scan measures of airway dimensions in smokers. <i>Chest</i> , 2013 , 143, 687-693	5.3	21
13	Pulmonary Clinicopathological Correlation In Long Term Survivors Following Allogeneic Hematopoietic Stem Cell Transplantation: An Autopsy Series. <i>Blood</i> , 2013 , 122, 2070-2070	2.2	
12	Quantitative pulmonary imaging using computed tomography and magnetic resonance imaging. <i>Respirology</i> , 2012 , 17, 432-44	3.6	39
11	The role and potential of imaging in COPD. <i>Medical Clinics of North America</i> , 2012 , 96, 729-43	7	14
10	Association between airway caliber changes with lung inflation and emphysema assessed by volumetric CT scan in subjects with COPD. <i>Chest</i> , 2012 , 141, 736-744	5.3	43
9	Family history is a risk factor for COPD. <i>Chest</i> , 2011 , 140, 343-350	5.3	34
8	Pulmonary hypertension and computed tomography measurement of small pulmonary vessels in severe emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 218-25	10.2	123
7	Physiological and computed tomographic predictors of outcome from lung volume reduction surgery. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 494-500	10.2	38
6	Identification of early interstitial lung disease in smokers from the COPDGene Study. <i>Academic Radiology</i> , 2010 , 17, 48-53	4.3	134

5	Airway wall attenuation: a biomarker of airway disease in subjects with COPD. <i>Journal of Applied Physiology</i> , 2009 , 107, 185-91	3.7	56
4	CT metrics of airway disease and emphysema in severe COPD. <i>Chest</i> , 2009 , 136, 396-404	5.3	78
3	Computed tomographic-based quantification of emphysema and correlation to pulmonary function and mechanics. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2008 , 5, 177-86	2	62
2	Radiographic evaluation of the potential lung volume reduction surgery candidate. <i>Proceedings of the American Thoracic Society</i> , 2008 , 5, 421-6		26
1	The effect of lung volume reduction surgery on chronic obstructive pulmonary disease exacerbations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 177, 164-9	10.2	81