George R Washko

List of Publications by Year
in descending order

178 papers	6,847 citations	66234 42 h-index	79541 73 g-index
178 all docs	178 docs citations	178 times ranked	8268 citing authors

#	Article	IF	Citations
1	Single-cell RNA-seq reveals ectopic and aberrant lung-resident cell populations in idiopathic pulmonary fibrosis. Science Advances, 2020, 6, eaba1983.	4.7	713
2	Association Between Interstitial Lung Abnormalities and All-Cause Mortality. JAMA - Journal of the American Medical Association, 2016, 315, 672.	3.8	333
3	Association between Functional Small Airway Disease and FEV$_1$ Decline in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 178-184.	2.5	292
4	Acute Exacerbations and Lung Function Loss in Smokers with and without Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 324-330.	2.5	221
5	Disease Staging and Prognosis in Smokers Using Deep Learning in Chest Computed Tomography. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 193-203.	2.5	189
6	Computed Tomographic Measures of Pulmonary Vascular Morphology in Smokers and Their Clinical Implications. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 231-239.	2.5	188
7	Identification of Early Interstitial Lung Disease in Smokers from the COPDGene Study. Academic Radiology, 2010, 17, 48-53.	1.3	175
8	Pulmonary Hypertension and Computed Tomography Measurement of Small Pulmonary Vessels in Severe Emphysema. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 218-225.	2.5	157
9	Detection of Rheumatoid Arthritis–Interstitial Lung Disease Is Enhanced by Serum Biomarkers. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 1403-1412.	2.5	156
10	Comparing algorithms for automated vessel segmentation in computed tomography scans of the lung: the VESSEL12 study. Medical Image Analysis, 2014, 18, 1217-1232.	7.0	131
11	COPDGene® 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 384-399.	0.5	112
12	Î²-Blockers are associated with a reduction in COPD exacerbations. Thorax, 2016, 71, 8-14.	2.7	105
13	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.	2.5	97
14	Smoking duration alone provides stronger risk estimates of chronic obstructive pulmonary disease than pack-years. Thorax, 2018, 73, 414-421.	2.7	96
15	The Effect of Lung Volume Reduction Surgery on Chronic Obstructive Pulmonary Disease Exacerbations. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 164-169.	2.5	95
16	CT Metrics of Airway Disease and Emphysema in Severe COPD. Chest, 2009, 136, 396-404.	0.4	87
17	American Thoracic Society/National Heart, Lung, and Blood Institute Asthma–Chronic Obstructive Pulmonary Disease Overlap Workshop Report. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 375-381.	2.5	86
18	Functional Impact of a Spectrum of Interstitial Lung Abnormalities in Rheumatoid Arthritis. Chest, 2014, 146, 41-50.	0.4	78

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19	Histopathology of Interstitial Lung Abnormalities in the Context of Lung Nodule Resections. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 955-958.	2.5	78
20	Functional interactors of three genome-wide association study genes are differentially expressed in severe chronic obstructive pulmonary disease lung tissue. Scientific Reports, 2017, 7, 44232.	1.6	76
21	DNA methylation profiling in human lung tissue identifies genes associated with COPD. Epigenetics, 2016, 11, 730-739.	1.3	73
22	Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD. Chest, 2014, 146, 941-950.	0.4	71
23	Densitometric and local histogram based analysis of computed tomography images in patients with idiopathic pulmonary fibrosis. Respiratory Research, 2017, 18, 45.	1.4	70
24	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.	5.2	69
25	Computed Tomographic-Based Quantification of Emphysema and Correlation to Pulmonary Function and Mechanics. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2008, 5, 177-186.	0.7	68
26	Association Between Expiratory Central Airway Collapse and Respiratory Outcomes Among Smokers. JAMA - Journal of the American Medical Association, 2016, 315, 498.	3.8	67
27	Airway wall attenuation: a biomarker of airway disease in subjects with COPD. Journal of Applied Physiology, 2009, 107, 185-191.	1.2	62
28	Machine Learning and Prediction of All-Cause Mortality in COPD. Chest, 2020, 158, 952-964.	0.4	62
29	Lower Pectoralis Muscle Area Is Associated with a Worse Overall Survival in Non–Small Cell Lung Cancer. Cancer Epidemiology Biomarkers and Prevention, 2017, 26, 38-43.	1.1	61
30	Classification of Interstitial Lung Abnormality Patterns with an Ensemble of Deep Convolutional Neural Networks. Scientific Reports, 2020, 10, 338.	1.6	61
31	Rapid Lung Function Decline in Smokers Is a Risk Factor for COPD and Is Attenuated by Angiotensin-Converting Enzyme Inhibitor Use. Chest, 2014, 145, 695-703.	0.4	60
32	Normal thymus in adults: appearance on CT and associations with age, sex, BMI and smoking. European Radiology, 2016, 26, 15-24.	2.3	57
33	Sex-specific features of emphysema among current and former smokers with COPD. European Respiratory Journal, 2016, 47, 104-112.	3.1	55
34	Quantitative CT Measures of Bronchiectasis in Smokers. Chest, 2017, 151, 1255-1262.	0.4	55
35	The *MUC5B* promoter polymorphism is associated with specific interstitial lung abnormality subtypes. European Respiratory Journal, 2017, 50, 1700537.	3.1	55
36	Chest computed tomography-derived low fat-free mass index and mortality in COPD. European Respiratory Journal, 2017, 50, 1701134.	3.1	53

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37	Pruning of the Pulmonary Vasculature in Asthma. The Severe Asthma Research Program (SARP) Cohort. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 39-50.	2.5	51
38	Association Between Airway Caliber Changes With Lung Inflation and Emphysema Assessed by Volumetric CT Scan in Subjects With COPD. Chest, 2012, 141, 736-744.	0.4	50
39	Chest CT Measures of Muscle and Adipose Tissue in COPD. Academic Radiology, 2014, 21, 1255-1261.	1.3	50
40	Family History Is a Risk Factor for COPD. Chest, 2011, 140, 343-350.	0.4	49
41	Quantitative pulmonary imaging using computed tomography and magnetic resonance imaging. Respirology, 2012, 17, 432-444.	1.3	48
42	Pulmonary cysts identified on chest CT: are they part of aging change or of clinical significance?. Thorax, 2015, 70, 1156-1162.	2.7	48
43	Pulmonary vascular density: comparison of findings on computed tomography imaging with histology. European Respiratory Journal, 2019, 54, 1900370.	3.1	47
44	Anterior mediastinal masses in the Framingham Heart Study: Prevalence and CT image characteristics. European Journal of Radiology Open, 2015, 2, 26-31.	0.7	46
45	Machine Learning Characterization of COPD Subtypes. Chest, 2020, 157, 1147-1157.	0.4	44
46	Physiological and Computed Tomographic Predictors of Outcome from Lung Volume Reduction Surgery. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 494-500.	2.5	42
47	Paraseptal emphysema: Prevalence and distribution on CT and association with interstitial lung abnormalities. European Journal of Radiology, 2015, 84, 1413-1418.	1.2	42
48	Pectoralis muscle area and mortality in smokers without airflow obstruction. Respiratory Research, 2018, 19, 62.	1.4	41
49	A comparison of visual and quantitative methods to identify interstitial lung abnormalities. BMC Pulmonary Medicine, 2015, 15, 134.	0.8	39
50	A Novel Spirometric Measure Identifies Mild COPD Unidentified by Standard Criteria. Chest, 2016, 150, 1080-1090.	0.4	39
51	Association between Cardiorespiratory Fitness and Lung Health from Young Adulthood to Middle Age. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1236-1243.	2.5	39
52	Ambient air pollution exposure and risk and progression of interstitial lung abnormalities: the Framingham Heart Study. Thorax, 2019, 74, 1063-1069.	2.7	39
53	Longitudinal Modeling of Lung Function Trajectories in Smokers with and without Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1033-1042.	2.5	38
54	Airway fractal dimension predicts respiratory morbidity and mortality in COPD. Journal of Clinical Investigation, 2018, 128, 5374-5382.	3.9	38

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55	The Objective Identification and Quantification of Interstitial Lung Abnormalities in Smokers. Academic Radiology, 2017, 24, 941-946.	1.3	37
56	Automated Agatston score computation in non-ECG gated CT scans using deep learning. , 2018, 10574, .		37
57	Interstitial Features at Chest CT Enhance the Deleterious Effects of Emphysema in the COPDGene Cohort. Radiology, 2018, 288, 600-609.	3.6	37
58	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. Chest, 2018, 153, 65-76.	0.4	36
59	Ensemble genomic analysis in human lung tissue identifies novel genes for chronic obstructive pulmonary disease. Human Genomics, 2018, 12, 1.	1.4	35
60	Invasive adenocarcinoma of the lung is associated with the upper lung regions. Lung Cancer, 2014, 84, 145-150.	0.9	31
61	Genome-wide association study of subclinical interstitial lung disease in MESA. Respiratory Research, 2017, 18, 97.	1.4	31
62	Defining Impaired Respiratory Health. A Paradigm Shift for Pulmonary Medicine. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 440-446.	2.5	31
63	COPD biomarkers and phenotypes: opportunities for better outcomes with precision imaging. European Respiratory Journal, 2018, 52, 1801570.	3.1	31
64	Radiographic Evaluation of the Potential Lung Volume Reduction Surgery Candidate. Proceedings of the American Thoracic Society, 2008, 5, 421-426.	3.5	30
65	Chronic Bronchitis Is Associated With Worse Symptoms and Quality of Life Than Chronic Airflow Obstruction. Chest, 2015, 148, 408-416.	0.4	30
66	Effect of beta-blockers on exacerbation rate and lung function in chronic obstructive pulmonary disease (COPD). Respiratory Research, 2017, 18, 124.	1.4	30
67	Quantitative CT metrics are associated with longitudinal lung function decline and future asthma exacerbations: Results from SARP-3. Journal of Allergy and Clinical Immunology, 2021, 148, 752-762.	1.5	30
68	Distinct emphysema subtypes defined by quantitative CT analysis are associated with specific pulmonary matrix metalloproteinases. Respiratory Research, 2016, 17, 92.	1.4	29
69	Bronchoarterial ratio in neverâ€smokers adults: Implications for bronchial dilation definition. Respirology, 2017, 22, 108-113.	1.3	28
70	Radiographic pulmonary vessel volume, lung function and airways disease in the Framingham Heart Study. European Respiratory Journal, 2019, 54, 1900408.	3.1	28
71	Adult Life-Course Trajectories of Lung Function and the Development of Emphysema: The CARDIA Lung Study. American Journal of Medicine, 2020, 133, 222-230.e11.	0.6	27
72	Luminal Plugging on Chest CT Scan. Chest, 2020, 158, 121-130.	0.4	27

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73	Relationship between Emphysema Progression at CT and Mortality in Ever-Smokers: Results from the COPDGene and ECLIPSE Cohorts. Radiology, 2021, 299, 222-231.	3.6	27
74	Effect of Emphysema on CT Scan Measures of Airway Dimensions in Smokers. Chest, 2013, 143, 687-693.	0.4	26
75	Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality. American Journal of Epidemiology, 2018, 187, 2109-2116.	1.6	25
76	Predictors of lung function trajectories in population–based studies: A systematic review. Respirology, 2021, 26, 938-959.	1.3	25
77	Subtypes of COPD Have Unique Distributions and Differential Risk of Mortality. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 400-413.	0.5	24
78	Pulmonary Clinicopathological Correlation after Allogeneic Hematopoietic Stem Cell Transplantation: An Autopsy Series. Biology of Blood and Marrow Transplantation, 2017, 23, 1767-1772.	2.0	23
79	Arterial and Venous Pulmonary Vascular Morphology and Their Relationship to Findings in Cardiac Magnetic Resonance Imaging in Smokers. Journal of Computer Assisted Tomography, 2016, 40, 948-952.	0.5	21
80	Clinical, physiologic, and radiographic factors contributing to development of hypoxemia in moderate to severe COPD: a cohort study. BMC Pulmonary Medicine, 2016, 16, 169.	0.8	21
81	Phenotypic characterisation of early COPD: a prospective case–control study. ERJ Open Research, 2020, 6, 00047-2020.	1.1	21
82	Identification of an emphysema-associated genetic variant near TGFB2 with regulatory effects in lung fibroblasts. ELife, 2019, 8, .	2.8	21
83	Update in Chronic Obstructive Pulmonary Disease 2019. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 348-355.	2.5	20
84	Respiratory exacerbations are associated with muscle loss in current and former smokers. Thorax, 2021, 76, 554-560.	2.7	20
85	Abdominal Visceral Adipose Tissue is Associated with Myocardial Infarction in Patients with COPD. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2015, 2, 8-16.	0.5	20
86	The Role and Potential of Imaging in COPD. Medical Clinics of North America, 2012, 96, 729-743.	1.1	19
87	Automated Agatston score computation in a large dataset of non ECG-gated chest computed tomography. , 2016, 2016, 53-57.		19
88	Ventricular Geometry From Non-contrast Non-ECG-gated CT Scans. Academic Radiology, 2017, 24, 594-602.	1.3	19
89	Pulmonary vascular pruning in smokers with bronchiectasis. ERJ Open Research, 2018, 4, 00044-2018.	1.1	19
90	Association of outdoor temperature with lung function in a temperate climate. European Respiratory Journal, 2019, 53, 1800612.	3.1	19

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91	Longitudinal Association Between Muscle Loss and Mortality in Ever Smokers. Chest, 2022, 161, 960-970.	0.4	18
92	A Highly Phenotyped Open Access Repository of Alpha-1 Antitrypsin Deficiency Pluripotent Stem Cells. Stem Cell Reports, 2020, 15, 242-255.	2.3	17
93	Obstructive Lung Disease in Mexican Americans and Non-Hispanic Whites. Chest, 2014, 145, 282-289.	0.4	16
94	Regional Emphysema of a Non-Small Cell Tumor Is Associated with Larger Tumors and Decreased Survival. Annals of the American Thoracic Society, 2015, 12, 150603140911000.	1.5	16
95	Magnetic resonance imaging provides sensitive in vivo assessment of experimental ventilator-induced lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2016, 311, L208-L218.	1.3	16
96	Disease Severity Dependence of the Longitudinal Association Between CT Lung Density and Lung Function in Smokers. Chest, 2018, 153, 638-645.	0.4	16
97	Cigarette Smoke Exposure and Radiographic Pulmonary Vascular Morphology in the Framingham Heart Study. Annals of the American Thoracic Society, 2019, 16, 698-706.	1.5	16
98	Evidence for Expanding Invasive Mediastinal Staging for Peripheral T1 Lung Tumors. Chest, 2020, 158, 2192-2199.	0.4	16
99	Lung Mass in Smokers. Academic Radiology, 2017, 24, 386-392.	1.3	15
100	Exposure to Traffic Emissions and Fine Particulate Matter and Computed Tomography Measures of the Lung and Airways. Epidemiology, 2018, 29, 333-341.	1.2	15
101	Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPDGene. European Respiratory Journal, 2020, 55, 1901812.	3.1	15
102	Biobanking and cryopreservation of human lung explants for omic analysis. European Respiratory Journal, 2020, 55, 1801635.	3.1	15
103	Statistical characterization of noise for spatial standardization of CT scans: Enabling comparison with multiple kernels and doses. Medical Image Analysis, 2017, 40, 44-59.	7.0	14
104	Association between acute respiratory disease events and the *MUC5B* promoter polymorphism in smokers. Thorax, 2018, 73, 1071-1074.	2.7	13
105	Quantification and Significance of Pulmonary Vascular Volume in Predicting Response to Ultrasound-Facilitated, Catheter-Directed Fibrinolysis in Acute Pulmonary Embolism (SEATTLE-3D). Circulation: Cardiovascular Imaging, 2019, 12, e009903.	1.3	13
106	Quantification of Arterial and Venous Morphologic Markers in Pulmonary Arterial Hypertension Using CT Imaging. Chest, 2021, 160, 2220-2231.	0.4	13
107	Characterizing Functional Lung Heterogeneity in COPD Using Reference Equations for CT Scan-Measured Lobar Volumes. Chest, 2013, 143, 1607-1617.	0.4	12
108	CT imaging of chronic obstructive pulmonary disease: insights, disappointments, and promise. Lancet Respiratory Medicine,the, 2017, 5, 903-908.	5.2	12

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109	Paratracheal Paraseptal Emphysema and Expiratory Central Airway Collapse in Smokers. Annals of the American Thoracic Society, 2018, 15, 479-484.	1.5	12
110	Semi-quantitative visual assessment of chest radiography is associated with clinical outcomes in critically ill patients. Respiratory Research, 2019, 20, 218.	1.4	12
111	Vascular Pruning on CT and Interstitial Lung Abnormalities in the Framingham Heart Study. Chest, 2021, 159, 663-672.	0.4	12
112	Comparing Racial Differences in Emphysema Prevalence Among Adults With Normal Spirometry: A Secondary Data Analysis of the CARDIA Lung Study. Annals of Internal Medicine, 2022, 175, 1118-1125.	2.0	12
113	Pleural abnormalities in the Framingham Heart Study: prevalence and CT image features. Occupational and Environmental Medicine, 2017, 74, 756-761.	1.3	11
114	Life-Course Smoking Trajectories and Risk for Emphysema in Middle Age: The CARDIA Lung Study. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 237-240.	2.5	11
115	Current Controversies in Chronic Obstructive Pulmonary Disease. A Report from the Global Initiative for Chronic Obstructive Lung Disease Scientific Committee. Annals of the American Thoracic Society, 2019, 16, 29-39.	1.5	11
116	Quantification of the Pulmonary Vascular Response to Inhaled Nitric Oxide Using Noncontrast Computed Tomography Imaging. Circulation: Cardiovascular Imaging, 2019, 12, e008338.	1.3	11
117	Genetic variation in genes regulating skeletal muscle regeneration and tissue remodelling associated with weight loss in chronic obstructive pulmonary disease. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1803-1817.	2.9	11
118	Multi-structure Segmentation from Partially Labeled Datasets. Application to Body Composition Measurements on CT Scans. Lecture Notes in Computer Science, 2018, 11040, 215-224.	1.0	11
119	Interstitial lung abnormalities: risk and opportunity. Lancet Respiratory Medicine,the, 2017, 5, 95-96.	5.2	10
120	Quantitative computed tomography assessment of bronchiolitis obliterans syndrome after lung transplantation. Clinical Transplantation, 2017, 31, e12943.	0.8	10
121	Paired CT Measures of Emphysema and Small Airways Disease and Lung Function and Exercise Capacity in Smokers with Radiographic Bronchiectasis. Academic Radiology, 2021, 28, 370-378.	1.3	10
122	Objectively Measured Chronic Lung InjuryÂon Chest CT. Chest, 2019, 156, 1149-1159.	0.4	9
123	Quantitative Pectoralis Muscle Area is Associated with the Development of Lung Cancer in a Large Lung Cancer Screening Cohort. Lung, 2020, 198, 847-853.	1.4	9
124	Pulmonary Vascular Pruning on Computed Tomography and Risk of Death in the Framingham Heart Study. American Journal of Respiratory and Critical Care Medicine, 2021, 203, 251-254.	2.5	9
125	Loss of Pulmonary Vascular Volume as a Predictor of Right Ventricular Dysfunction and Mortality in Acute Pulmonary Embolism. Circulation: Cardiovascular Imaging, 2021, 14, e012347.	1.3	9
126	Morphologic Response of the Pulmonary Vasculature to Endoscopic Lung Volume Reduction. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2015, 2, 214-222.	0.5	9

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127	Autocalibration method for non-stationary CT bias correction. Medical Image Analysis, 2018, 44, 115-125.	7.0	8
128	Harmonization of chest CT scans for different doses and reconstruction methods. Medical Physics, 2019, 46, 3117-3132.	1.6	8
129	Interstitial Lung Abnormalities, Emphysema, and Spirometry in Smokers. Chest, 2022, 161, 999-1010.	0.4	8
130	Interstitial lung abnormalities are associated with decreased mean telomere length. European Respiratory Journal, 2022, 60, 2101814.	3.1	8
131	A Robust Emphysema Severity Measure Based on Disease Subtypes. Academic Radiology, 2016, 23, 421-428.	1.3	7
132	Imaging approaches to understand disease complexity: chronic obstructive pulmonary disease as a clinical model. Journal of Applied Physiology, 2018, 124, 512-520.	1.2	7
133	Qualitative emphysema and risk of COPD hospitalization in a multicenter CT lung cancer screening cohort study. Respiratory Medicine, 2021, 176, 106245.	1.3	7
134	Progression of Emphysema and Small Airways Disease in Cigarette Smokers. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2021, 8, 198-212.	0.5	7
135	Neighborhood Socioeconomic Deprivation in Young Adulthood and Future Respiratory Health: The CARDIA Lung Study. American Journal of Medicine, 2022, 135, 211-218.e1.	0.6	7
136	Polygenic transcriptome risk scores for COPD and lung function improve cross-ethnic portability of prediction in the NHLBI TOPMed program. American Journal of Human Genetics, 2022, 109, 857-870.	2.6	7
137	The Relationship of Educational Attainment with Pulmonary Emphysema and Airway Wall Thickness. Annals of the American Thoracic Society, 2015, 12, 813-820.	1.5	6
138	Tumor density is associated with response to endobronchial ultrasound-guided transbronchial needle injection of cisplatin. Journal of Thoracic Disease, 2020, 12, 4825-4832.	0.6	6
139	Smaller Left Ventricle Size at Noncontrast CT Is Associated with Lower Mortality in COPDGene Participants. Radiology, 2020, 296, 208-215.	3.6	6
140	Distinguishing Smoking-Related Lung Disease Phenotypes Via Imaging and Molecular Features. Chest, 2021, 159, 549-563.	0.4	6
141	Vascular remodeling of the small pulmonary arteries and measures of vascular pruning on computed tomography. Pulmonary Circulation, 2021, 11, 1-9.	0.8	6
142	Inflammation and endothelial activation in early adulthood are associated with future emphysema: the CARDIA Lung Study. European Respiratory Journal, 2019, 53, 1801532.	3.1	5
143	The Framingham Heart Study: Populational CT-based phenotyping in the lungs and mediastinum. European Journal of Radiology Open, 2020, 7, 100260.	0.7	5
144	An Integrative Genomic Strategy Identifies sRAGE as a Causal and Protective Biomarker of Lung Function. Chest, 2022, 161, 76-84.	0.4	5

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145	Pulmonary Artery Enlargement Is Associated with Exacerbations and Mortality in Ever-Smokers with Preserved Ratio Impaired Spirometry. American Journal of Respiratory and Critical Care Medicine, 2021, 204, 481-485.	2.5	5
146	Gene expression of oxidative stress markers and lung function: A CARDIA lung study. Molecular Genetics & Genomic Medicine, 2021, 9, e1832.	0.6	5
147	Comparison of spirometric thresholds in diagnosing smoking-related airflow obstruction: authors' response. Thorax, 2014, 69, 1147-1148.	2.7	4
148	Heme metabolism genes Downregulated in COPD Cachexia. Respiratory Research, 2020, 21, 100.	1.4	4
149	Multiorgan structures detection using deep convolutional neural networks. , 2018, 10574, .		4
150	On the Relevance of the Loss Function in the Agatston Score Regression from Non-ECG Gated CT Scans. Lecture Notes in Computer Science, 2018, 11040, 326-334.	1.0	4
151	The association of lung function and pulmonary vasculature volume with cardiorespiratory fitness in the community. European Respiratory Journal, 2022, 60, 2101821.	3.1	4
152	Reply to Mummadi *et al.*: Overfitting and Use of Mismatched Cohorts in Deep Learning Models: Preventable Design Limitations. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 545-545.	2.5	3
153	Arterial vascular volume changes with haemodynamics in schistosomiasis-associated pulmonary arterial hypertension. European Respiratory Journal, 2021, 57, 2003914.	3.1	3
154	Differences in Respiratory Symptoms and Lung Structure Between Hispanic and Non-Hispanic White Smokers: A Comparative Study. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2017, 4, 297-304.	0.5	3
155	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.	0.5	3
156	Imaging Biomarkers in Lymphangioleiomyomatosis Clinical Trials. A Wolf in Sheep's Clothing?. Annals of the American Thoracic Society, 2016, 13, 307-308.	1.5	2
157	POINT: Should Chest CT Be Part of Routine Clinical Care for COPD? Yes. Chest, 2018, 154, 1276-1278.	0.4	2
158	Lung Function and Gene Expression of Pathogen Recognition Pathway Receptors: the Cardia Lung Study. Scientific Reports, 2020, 10, 9360.	1.6	2
159	An open-source framework for pulmonary fissure completeness assessment. Computerized Medical Imaging and Graphics, 2020, 83, 101712.	3.5	2
160	Ambient air pollution exposure and radiographic pulmonary vascular volumes. Environmental Epidemiology, 2021, 5, e143.	1.4	2
161	Study protocol for a national cohort of adults focused on respiratory health: the American Lung Association Lung Health Cohort (ALA-LHC) Study. BMJ Open, 2021, 11, e053342.	0.8	2
162	Pulmonary Function in Midlife as a Predictor of Later-Life Cognition: The Coronary Artery Risk Development in Adults (CARDIA) Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 2517-2523.	1.7	2

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163	Airway labeling using a Hidden Markov Tree Model. , 2014, 2014, 554-558.		1
164	Chest Computed Tomography for Phenotying Chronic Obstructive Pulmonary Disease. A Pathway and a Challenge for Personalized Medicine. Annals of the American Thoracic Society, 2015, 12, 966-967.	1.5	1
165	Derivation of a test statistic for emphysema quantification. , 2016, 2016, 1269-1273.		1
166	Susceptibility to Inhalational Lung Injury: We Need More Than the FEV1. Annals of the American Thoracic Society, 2018, 15, 156-157.	1.5	1
167	Cost-effectiveness microsimulation of catheter-directed thrombolysis in submassive pulmonary embolism using a right ventricular function model. Journal of Thrombosis and Thrombolysis, 2020, 49, 673-680.	1.0	1
168	Pulmonary Clinicopathological Correlation In Long Term Survivors Following Allogeneic Hematopoietic Stem Cell Transplantation: An Autopsy Series. Blood, 2013, 122, 2070-2070.	0.6	1
169	Bronchial Cartilage Assessment with Model-Based GAN Regressor. Lecture Notes in Computer Science, 2019, 11769, 357-365.	1.0	1
170	Preoperative Pulmonary Vascular Morphology and Its Relationship to Postpneumonectomy Hemodynamics. Academic Radiology, 2014, 21, 704-710.	1.3	0
171	Pulmonary Vessel Cross-sectional Area before and after Liver Transplantation. Academic Radiology, 2015, 22, 752-759.	1.3	0
172	Rebuttal From Dr Washko. Chest, 2018, 154, 1281-1282.	0.4	0
173	Localizing Image-Based Biomarker Regression Without Training Masks: A New Approach to Biomarker Discovery. , 2019, 2019, 679-682.		0
174	Heart and lungs in a single breath. Respirology, 2019, 24, 937-938.	1.3	0
175	Computerized Chest Imaging in the Diagnosis and Assessment of the Patient with Chronic Obstructive Pulmonary Disease. Clinics in Chest Medicine, 2020, 41, 375-381.	0.8	0
176	Association between Cardiorespiratory Fitness and Bronchiectasis at CT: A Long-term Population-based Study of Healthy Young Adults Aged 18â€"30 Years in the CARDIA Study. Radiology, 2021, 300, 190-196.	3.6	0
177	A simple assessment of lung nodule location for reduction in unnecessary invasive procedures. Journal of Thoracic Disease, 2021, 13, 4207-4216.	0.6	0
178	The presence of emphysema on chest imaging and mid-life cognition. ERJ Open Research, 2021, 7, 00048-2021.	1.1	0