George R Washko

List of Publications by Citations

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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	Single-cell RNA-seq reveals ectopic and aberrant lung-resident cell populations in idiopathic pulmonary fibrosis. *Science Advances*, **2020**, 6, eaba1983	14.3	219
165	Association Between Interstitial Lung Abnormalities and All-Cause Mortality. *JAMA - Journal of the American Medical Association*, **2016**, 315, 672-81	27.4	209
164	Association between Functional Small Airway Disease and FEV1 Decline in Chronic Obstructive Pulmonary Disease. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 178-84	10.2	194
163	Computed tomographic measures of pulmonary vascular morphology in smokers and their clinical implications. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 188, 231-9	10.2	142
162	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	10.2	140
161	Identification of early interstitial lung disease in smokers from the COPDGene Study. *Academic Radiology*, **2010**, 17, 48-53	4.3	134
160	Pulmonary hypertension and computed tomography measurement of small pulmonary vessels in severe emphysema. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 218-25	10.2	123
159	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	10.2	118
158	Detection of Rheumatoid Arthritis-Interstitial Lung Disease Is Enhanced by Serum Biomarkers. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 191, 1403-12	10.2	100
157	Comparing algorithms for automated vessel segmentation in computed tomography scans of the lung: the VESSEL12 study. *Medical Image Analysis*, **2014**, 18, 1217-32	15.4	88
156	The effect of lung volume reduction surgery on chronic obstructive pulmonary disease exacerbations. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 177, 164-9	10.2	81
155	ᵦBlockers are associated with a reduction in COPD exacerbations. *Thorax*, **2016**, 71, 8-14	7.3	78
154	CT metrics of airway disease and emphysema in severe COPD. *Chest*, **2009**, 136, 396-404	5.3	78
153	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	10.2	69
152	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	10.2	65
151	Computed tomographic-based quantification of emphysema and correlation to pulmonary function and mechanics. *COPD: Journal of Chronic Obstructive Pulmonary Disease*, **2008**, 5, 177-86	2	62
150	Prediction of acute respiratory disease in current and former smokers with and without COPD. *Chest*, **2014**, 146, 941-950	5.3	61

149	COPDGene 2019: Redefining the Diagnosis of Chronic Obstructive Pulmonary Disease. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2019**, 6, 384-399	2.7	61
148	Smoking duration alone provides stronger risk estimates of chronic obstructive pulmonary disease than pack-years. *Thorax*, **2018**, 73, 414-421	7.3	60
147	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	4.9	57
146	Airway wall attenuation: a biomarker of airway disease in subjects with COPD. *Journal of Applied Physiology*, **2009**, 107, 185-91	3.7	56
145	Functional impact of a spectrum of interstitial lung abnormalities in rheumatoid arthritis. *Chest*, **2014**, 146, 41-50	5.3	54
144	Histopathology of Interstitial Lung Abnormalities in the Context of Lung Nodule Resections. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 197, 955-958	10.2	50
143	DNA methylation profiling in human lung tissue identifies genes associated with COPD. *Epigenetics*, **2016**, 11, 730-739	5.7	48
142	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	5.3	46
141	Association between airway caliber changes with lung inflation and emphysema assessed by volumetric CT scan in subjects with COPD. *Chest*, **2012**, 141, 736-744	5.3	43
140	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	4	42
139	Densitometric and local histogram based analysis of computed tomography images in patients with idiopathic pulmonary fibrosis. *Respiratory Research*, **2017**, 18, 45	7.3	42
138	Association Between Expiratory Central Airway Collapse and Respiratory Outcomes Among Smokers. *JAMA - Journal of the American Medical Association*, **2016**, 315, 498-505	27.4	42
137	Quantitative CT Measures of Bronchiectasis in Smokers. *Chest*, **2017**, 151, 1255-1262	5.3	41
136	Normal thymus in adults: appearance on CT and associations with age, sex, BMI and smoking. *European Radiology*, **2016**, 26, 15-24	8	39
135	Quantitative pulmonary imaging using computed tomography and magnetic resonance imaging. *Respirology*, **2012**, 17, 432-44	3.6	39
134	Physiological and computed tomographic predictors of outcome from lung volume reduction surgery. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 494-500	10.2	38
133	Sex-specific features of emphysema among current and former smokers with COPD. *European Respiratory Journal*, **2016**, 47, 104-12	13.6	37
132	Paraseptal emphysema: Prevalence and distribution on CT and association with interstitial lung abnormalities. *European Journal of Radiology*, **2015**, 84, 1413-8	4.7	36

131	Chest CT measures of muscle and adipose tissue in COPD: gender-based differences in content and in relationships with blood biomarkers. *Academic Radiology*, **2014**, 21, 1255-61	4.3	34
130	The promoter polymorphism is associated with specific interstitial lung abnormality subtypes. *European Respiratory Journal*, **2017**, 50,	13.6	34
129	Family history is a risk factor for COPD. *Chest*, **2011**, 140, 343-350	5.3	34
128	Classification of Interstitial Lung Abnormality Patterns with an Ensemble of Deep Convolutional Neural Networks. *Scientific Reports*, **2020**, 10, 338	4.9	30
127	Anterior Mediastinal Masses in the Framingham Heart Study: Prevalence and CT Image Characteristics. *European Journal of Radiology Open*, **2015**, 2, 26-31	2.6	30
126	A Novel Spirometric Measure Identifies Mild COPD Unidentified by Standard Criteria. *Chest*, **2016**, 150, 1080-1090	5.3	30
125	Pulmonary cysts identified on chest CT: are they part of aging change or of clinical significance?. *Thorax*, **2015**, 70, 1156-62	7.3	29
124	Chest computed tomography-derived low fat-free mass index and mortality in COPD. *European Respiratory Journal*, **2017**, 50,	13.6	29
123	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	35.1	29
122	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	10.2	28
121	A comparison of visual and quantitative methods to identify interstitial lung abnormalities. *BMC Pulmonary Medicine*, **2015**, 15, 134	3.5	27
120	Radiographic evaluation of the potential lung volume reduction surgery candidate. *Proceedings of the American Thoracic Society*, **2008**, 5, 421-6		26
119	Pulmonary vascular density: comparison of findings on computed tomography imaging with histology. *European Respiratory Journal*, **2019**, 54,	13.6	25
118	Distinct emphysema subtypes defined by quantitative CT analysis are associated with specific pulmonary matrix metalloproteinases. *Respiratory Research*, **2016**, 17, 92	7.3	25
117	COPD biomarkers and phenotypes: opportunities for better outcomes with precision imaging. *European Respiratory Journal*, **2018**, 52,	13.6	25
116	Pectoralis muscle area and mortality in smokers without airflow obstruction. *Respiratory Research*, **2018**, 19, 62	7.3	24
115	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	10.2	23
114	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. *Chest*, **2018**, 153, 65-76	5.3	23

113	The Objective Identification and Quantification of Interstitial Lung Abnormalities in Smokers. *Academic Radiology*, **2017**, 24, 941-946	4.3	22
112	Interstitial Features at Chest CT Enhance the Deleterious Effects of Emphysema in the COPDGene Cohort. *Radiology*, **2018**, 288, 600-609	20.5	22
111	Effect of beta-blockers on exacerbation rate and lung function in chronic obstructive pulmonary disease (COPD). *Respiratory Research*, **2017**, 18, 124	7.3	22
110	Chronic Bronchitis Is Associated With Worse Symptoms and Quality of Life Than Chronic Airflow Obstruction. *Chest*, **2015**, 148, 408-416	5.3	22
109	Automated Agatston Score Computation in non-ECG Gated CT Scans Using Deep Learning. *Proceedings of SPIE*, **2018**, 10574,	1.7	22
108	Invasive adenocarcinoma of the lung is associated with the upper lung regions. *Lung Cancer*, **2014**, 84, 145-50	5.9	21
107	Bronchoarterial ratio in never-smokers adults: Implications for bronchial dilation definition. *Respirology*, **2017**, 22, 108-113	3.6	21
106	Effect of emphysema on CT scan measures of airway dimensions in smokers. *Chest*, **2013**, 143, 687-693	5.3	21
105	Ensemble genomic analysis in human lung tissue identifies novel genes for chronic obstructive pulmonary disease. *Human Genomics*, **2018**, 12, 1	6.8	20
104	Ambient air pollution exposure and risk and progression of interstitial lung abnormalities: the Framingham Heart Study. *Thorax*, **2019**, 74, 1063-1069	7.3	20
103	Abdominal Visceral Adipose Tissue is Associated with Myocardial Infarction in Patients with COPD. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2015**, 2, 8-16	2.7	20
102	Airway fractal dimension predicts respiratory morbidity and mortality in COPD. *Journal of Clinical Investigation*, **2018**, 128, 5374-5382	15.9	19
101	Ventricular Geometry From Non-contrast Non-ECG-gated CT Scans: An Imaging Marker of Cardiopulmonary Disease in Smokers. *Academic Radiology*, **2017**, 24, 594-602	4.3	18
100	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	10.2	18
99	Machine Learning Characterization of COPD Subtypes: Insights From the COPDGene Study. *Chest*, **2020**, 157, 1147-1157	5.3	18
98	AUTOMATED AGATSTON SCORE COMPUTATION IN A LARGE DATASET OF NON ECG-GATED CHEST COMPUTED TOMOGRAPHY **2016**, 2016, 53-57	1.5	18
97	Defining Impaired Respiratory Health. A Paradigm Shift for Pulmonary Medicine. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, 440-446	10.2	17
96	Machine Learning and Prediction of All-Cause Mortality in COPD. *Chest*, **2020**, 158, 952-964	5.3	15

95	Genome-wide association study of subclinical interstitial lung disease in MESA. *Respiratory Research*, **2017**, 18, 97	7.3	15
94	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. *Chest*, **2014**, 145, 282-289	5.3	14
93	Pulmonary Clinicopathological Correlation after Allogeneic Hematopoietic Stem Cell Transplantation: An Autopsy Series. *Biology of Blood and Marrow Transplantation*, **2017**, 23, 1767-1772	4.7	14
92	The role and potential of imaging in COPD. *Medical Clinics of North America*, **2012**, 96, 729-43	7	14
91	Identification of Chronic Obstructive Pulmonary Disease Axes That Predict All-Cause Mortality: The COPDGene Study. *American Journal of Epidemiology*, **2018**, 187, 2109-2116	3.8	14
90	Regional Emphysema of a Non-Small Cell Tumor Is Associated with Larger Tumors and Decreased Survival Rates. *Annals of the American Thoracic Society*, **2015**, 12, 1197-205	4.7	13
89	Exposure to Traffic Emissions and Fine Particulate Matter and Computed Tomography Measures of the Lung and Airways. *Epidemiology*, **2018**, 29, 333-341	3.1	13
88	Clinical, physiologic, and radiographic factors contributing to development of hypoxemia in moderate to severe COPD: a cohort study. *BMC Pulmonary Medicine*, **2016**, 16, 169	3.5	13
87	Subtypes of COPD Have Unique Distributions and Differential Risk of Mortality. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2019**, 6, 400-413	2.7	13
86	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, L208-18	5.8	13
85	Disease Severity Dependence of the Longitudinal Association Between CT Lung Density and Lung Function in Smokers. *Chest*, **2018**, 153, 638-645	5.3	12
84	Radiographic pulmonary vessel volume, lung function and airways disease in the Framingham Heart Study. *European Respiratory Journal*, **2019**, 54,	13.6	12
83	Identification of an emphysema-associated genetic variant near with regulatory effects in lung fibroblasts. *ELife*, **2019**, 8,	8.9	12
82	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	2.2	11
81	Statistical characterization of noise for spatial standardization of CT scans: Enabling comparison with multiple kernels and doses. *Medical Image Analysis*, **2017**, 40, 44-59	15.4	10
80	Lung Mass in Smokers. *Academic Radiology*, **2017**, 24, 386-392	4.3	10
79	Update in Chronic Obstructive Pulmonary Disease 2019. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 202, 348-355	10.2	10
78	A Highly Phenotyped Open Access Repository of Alpha-1 Antitrypsin Deficiency Pluripotent Stem Cells. *Stem Cell Reports*, **2020**, 15, 242-255	8	10

77	Luminal Plugging on Chest CT Scan: Association With Lung Function, Quality of Life, and COPD Clinical Phenotypes. *Chest*, **2020**, 158, 121-130	5.3	10
76	Quantification of the Pulmonary Vascular Response to Inhaled Nitric Oxide Using Noncontrast Computed Tomography Imaging. *Circulation: Cardiovascular Imaging*, **2019**, 12, e008338	3.9	10
75	Pulmonary vascular pruning in smokers with bronchiectasis. *ERJ Open Research*, **2018**, 4,	3.5	10
74	Pleural abnormalities in the Framingham Heart Study: prevalence and CT image features. *Occupational and Environmental Medicine*, **2017**, 74, 756-761	2.1	9
73	Pulmonary artery enlargement and mortality risk in moderate to severe COPD: results from COPDGene. *European Respiratory Journal*, **2020**, 55,	13.6	9
72	Biobanking and cryopreservation of human lung explants for omic analysis. *European Respiratory Journal*, **2020**, 55,	13.6	9
71	Paratracheal Paraseptal Emphysema and Expiratory Central Airway Collapse in Smokers. *Annals of the American Thoracic Society*, **2018**, 15, 479-484	4.7	9
70	Characterizing functional lung heterogeneity in COPD using reference equations for CT scan-measured lobar volumes. *Chest*, **2013**, 143, 1607-1617	5.3	9
69	Morphologic Response of the Pulmonary Vasculature to Endoscopic Lung Volume Reduction. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2015**, 2, 214-222	2.7	9
68	Phenotypic characterisation of early COPD: a prospective case-control study. *ERJ Open Research*, **2020**, 6,	3.5	9
67	Cigarette Smoke Exposure and Radiographic Pulmonary Vascular Morphology in the Framingham Heart Study. *Annals of the American Thoracic Society*, **2019**, 16, 698-706	4.7	9
66	Semi-quantitative visual assessment of chest radiography is associated with clinical outcomes in critically ill patients. *Respiratory Research*, **2019**, 20, 218	7.3	8
65	Association of outdoor temperature with lung function in a temperate climate. *European Respiratory Journal*, **2019**, 53,	13.6	8
64	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	4.7	8
63	Interstitial lung abnormalities: risk and opportunity. *Lancet Respiratory Medicine,the*, **2017**, 5, 95-96	35.1	7
62	Association between acute respiratory disease events and the promoter polymorphism in smokers. *Thorax*, **2018**, 73, 1071-1074	7.3	7
61	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	3.9	7
60	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	2.4	7

59	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	11.5	7
58	Quantitative computed tomography assessment of bronchiolitis obliterans syndrome after lung transplantation. *Clinical Transplantation*, **2017**, 31, e12943	3.8	6
57	Evidence for Expanding Invasive Mediastinal Staging for Peripheral T1 Lung Tumors. *Chest*, **2020**, 158, 2192-2199	5.3	6
56	Multi-structure Segmentation from Partially Labeled Datasets. Application to Body Composition Measurements on CT Scans. *Lecture Notes in Computer Science*, **2018**, 11040, 215-224	0.9	6
55	CT imaging of chronic obstructive pulmonary disease: insights, disappointments, and promise. *Lancet Respiratory Medicine,the*, **2017**, 5, 903-908	35.1	5
54	The Relationship of Educational Attainment with Pulmonary Emphysema and Airway Wall Thickness. *Annals of the American Thoracic Society*, **2015**, 12, 813-20	4.7	5
53	Autocalibration method for non-stationary CT bias correction. *Medical Image Analysis*, **2018**, 44, 115-125	15.4	5
52	A Robust Emphysema Severity Measure Based on Disease Subtypes. *Academic Radiology*, **2016**, 23, 421-8	4.3	5
51	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	10.2	5
50	Respiratory exacerbations are associated with muscle loss in current and former smokers. *Thorax*, **2021**, 76, 554-560	7.3	5
49	Smaller Left Ventricle Size at Noncontrast CT Is Associated with Lower Mortality in COPDGene Participants. *Radiology*, **2020**, 296, 208-215	20.5	4
48	Imaging approaches to understand disease complexity: chronic obstructive pulmonary disease as a clinical model. *Journal of Applied Physiology*, **2018**, 124, 512-520	3.7	4
47	Comparison of spirometric thresholds in diagnosing smoking-related airflow obstruction: authorsТ response. *Thorax*, **2014**, 69, 1147-8	7.3	4
46	Quantitative Pectoralis Muscle Area is Associated with the Development of Lung Cancer in a Large Lung Cancer Screening Cohort. *Lung*, **2020**, 198, 847-853	2.9	4
45	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	10.2	4
44	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	4.3	4
43	Progression of Emphysema and Small Airways Disease in Cigarette Smokers. *Chronic Obstructive Pulmonary Diseases (Miami, Fla)*, **2021**, 8, 198-212	2.7	4
42	Quantification of Arterial and Venous Morphologic Markers in Pulmonary Arterial Hypertension Using CT Imaging. *Chest*, **2021**, 160, 2220-2231	5.3	4

41	Harmonization of chest CT scans for different doses and reconstruction methods. *Medical Physics*, **2019**, 46, 3117-3132	4.4	3
40	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	0.9	3
39	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	2.7	3
38	Relationship between Emphysema Progression at CT and Mortality in Ever-Smokers: Results from the COPDGene and ECLIPSE Cohorts. *Radiology*, **2021**, 299, 222-231	20.5	3
37	Objectively Measured Chronic Lung Injury on Chest CT. *Chest*, **2019**, 156, 1149-1159	5.3	3
36	Inflammation and endothelial activation in early adulthood are associated with future emphysema: the CARDIA Lung Study. *European Respiratory Journal*, **2019**, 53,	13.6	3
35	Vascular Pruning on CT and Interstitial Lung Abnormalities in the Framingham Heart Study. *Chest*, **2021**, 159, 663-672	5.3	3
34	Lung Function and Gene Expression of Pathogen Recognition Pathway Receptors: the Cardia Lung Study. *Scientific Reports*, **2020**, 10, 9360	4.9	2
33	Multiorgan structures detection using deep convolutional neural networks. *Proceedings of SPIE*, **2018**, 10574,	1.7	2
32	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	2.7	2
31	Qualitative emphysema and risk of COPD hospitalization in a multicenter CT lung cancer screening cohort study. *Respiratory Medicine*, **2021**, 176, 106245	4.6	2
30	Predictors of lung function trajectories in population-based studies: A systematic review. *Respirology*, **2021**, 26, 938-959	3.6	2
29	The Framingham Heart Study: Populational CT-based phenotyping in the lungs and mediastinum. *European Journal of Radiology Open*, **2020**, 7, 100260	2.6	1
28	Tumor density is associated with response to endobronchial ultrasound-guided transbronchial needle injection of cisplatin. *Journal of Thoracic Disease*, **2020**, 12, 4825-4832	2.6	1
27	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	10.2	1
26	Susceptibility to Inhalational Lung Injury: We Need More Than the FEV. *Annals of the American Thoracic Society*, **2018**, 15, 156-157	4.7	1
25	DERIVATION OF A TEST STATISTIC FOR EMPHYSEMA QUANTIFICATION **2016**, 2016, 1269-1273	1.5	1
24	AIRWAY LABELING USING A HIDDEN MARKOV TREE MODEL **2014**, 2014, 554-558	1.5	1

23	Interstitial Lung Abnormalities, Emphysema and Spirometry in Smokers. *Chest*, **2021**,	5.3	1
22	Vascular remodeling of the small pulmonary arteries and measures of vascular pruning on computed tomography. *Pulmonary Circulation*, **2021**, 11, 20458940211061284	2.7	1
21	Longitudinal association between muscle loss and mortality in ever-smokers. *Chest*, **2021**,	5.3	1
20	Gene expression of oxidative stress markers and lung function: A CARDIA lung study. *Molecular Genetics & Genomic Medicine*, **2021**, e1832	2.3	1
19	Bronchial Cartilage Assessment with Model-Based GAN Regressor. *Lecture Notes in Computer Science*, **2019**, 11769, 357-365	0.9	1
18	Ambient air pollution exposure and radiographic pulmonary vascular volumes. *Environmental Epidemiology*, **2021**, 5, e143	0.2	1
17	An Integrative Genomic Strategy Identifies sRAGE as a Causal and Protective Biomarker of Lung Function. *Chest*, **2021**,	5.3	1
16	Distinguishing Smoking-Related Lung Disease Phenotypes Via Imaging and Molecular Features. *Chest*, **2021**, 159, 549-563	5.3	1
15	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	10.2	1
14	Loss of Pulmonary Vascular Volume as a Predictor of Right Ventricular Dysfunction and Mortality in Acute Pulmonary Embolism. *Circulation: Cardiovascular Imaging*, **2021**, 14, e012347	3.9	1
13	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**,	10.3	1
12	Heme metabolism genes Downregulated in COPD Cachexia. *Respiratory Research*, **2020**, 21, 100	7.3	0
11	An open-source framework for pulmonary fissure completeness assessment. *Computerized Medical Imaging and Graphics*, **2020**, 83, 101712	7.6	0
10	Arterial vascular volume changes with haemodynamics in schistosomiasis-associated pulmonary arterial hypertension. *European Respiratory Journal*, **2021**, 57,	13.6	0
9	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	3	0
8	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	5.1	
7	LOCALIZING IMAGE-BASED BIOMARKER REGRESSION WITHOUT TRAINING MASKS: A NEW APPROACH TO BIOMARKER DISCOVERY **2019**, 2019, 679-682	1.5	
6	Preoperative pulmonary vascular morphology and its relationship to postpneumonectomy hemodynamics. *Academic Radiology*, **2014**, 21, 704-10	4.3	

List of Publications

5	Pulmonary Vessel Cross-sectional Area before and after Liver Transplantation: Quantification with Computed Tomography. *Academic Radiology*, **2015**, 22, 752-9	4.3
4	Pulmonary Clinicopathological Correlation In Long Term Survivors Following Allogeneic Hematopoietic Stem Cell Transplantation: An Autopsy Series. *Blood*, **2013**, 122, 2070-2070	2.2
3	Computerized Chest Imaging in the Diagnosis and Assessment of the Patient with Chronic Obstructive Pulmonary Disease. *Clinics in Chest Medicine*, **2020**, 41, 375-381	5.3
2	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. *Radiology*, **2021**, 300, 190-196	20.5
1	A simple assessment of lung nodule location for reduction in unnecessary invasive procedures. *Journal of Thoracic Disease*, **2021**, 13, 4207-4216	2.6