

Frank C Sciurba

List of Publications by Year in descending order

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Version: 2024-02-01

258
papers

25,350
citations

9234

74
h-index

7136

153
g-index

261
all docs

261
docs citations

261
times ranked

21336
citing authors

#	ARTICLE	IF	CITATIONS
1	The Nature of Small-Airway Obstruction in Chronic Obstructive Pulmonary Disease. <i>New England Journal of Medicine</i> , 2004, 350, 2645-2653.	13.9	3,198
2	An official European Respiratory Society/American Thoracic Society technical standard: field walking tests in chronic respiratory disease. <i>European Respiratory Journal</i> , 2014, 44, 1428-1446.	3.1	1,663
3	Azithromycin for Prevention of Exacerbations of COPD. <i>New England Journal of Medicine</i> , 2011, 365, 689-698.	13.9	1,057
4	Chronic Obstructive Pulmonary Disease Phenotypes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 598-604.	2.5	898
5	A Randomized Study of Endobronchial Valves for Advanced Emphysema. <i>New England Journal of Medicine</i> , 2010, 363, 1233-1244.	13.9	704
6	An official systematic review of the European Respiratory Society/American Thoracic Society: measurement properties of field walking tests in chronic respiratory disease. <i>European Respiratory Journal</i> , 2014, 44, 1447-1478.	3.1	652
7	Lung Volumes and Emphysema in Smokers with Interstitial Lung Abnormalities. <i>New England Journal of Medicine</i> , 2011, 364, 897-906.	13.9	468
8	MMP1 and MMP7 as Potential Peripheral Blood Biomarkers in Idiopathic Pulmonary Fibrosis. <i>PLoS Medicine</i> , 2008, 5, e93.	3.9	467
9	Improvement in Pulmonary Function and Elastic Recoil after Lung-Reduction Surgery for Diffuse Emphysema. <i>New England Journal of Medicine</i> , 1996, 334, 1095-1099.	13.9	453
10	Association of Radiographic Emphysema and Airflow Obstruction with Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008, 178, 738-744.	2.5	441
11	Egr-1 Regulates Autophagy in Cigarette Smoke-Induced Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2008, 3, e3316.	1.1	403
12	Predictors of Mortality in Patients with Emphysema and Severe Airflow Obstruction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 1326-1334.	2.5	392
13	Six-Minute Walk Distance in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 167, 1522-1527.	2.5	331
14	Outcomes of Noninvasive Ventilation for Acute Exacerbations of Chronic Obstructive Pulmonary Disease in the United States, 1998â€“2008. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 152-159.	2.5	330
15	A Randomized Trial of Long-Term Oxygen for COPD with Moderate Desaturation. <i>New England Journal of Medicine</i> , 2016, 375, 1617-1627.	13.9	327
16	Long-Term Follow-Up of Patients Receiving Lung-Volume-Reduction Surgery Versus Medical Therapy for Severe Emphysema by the National Emphysema Treatment Trial Research Group. <i>Annals of Thoracic Surgery</i> , 2006, 82, 431-443.e19.	0.7	318
17	Comprehensive gene expression profiles reveal pathways related to the pathogenesis of chronic obstructive pulmonary disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 14895-14900.	3.3	310
18	Physical inactivity in patients with COPD, a controlled multi-center pilot-study. <i>Respiratory Medicine</i> , 2010, 104, 1005-1011.	1.3	303

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19	Sex Differences in Severe Pulmonary Emphysema. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 243-252.	2.5	301
20	Improvements in Symptom-Limited Exercise Performance Over 8 h With Once-Daily Tiotropium in Patients With COPD. Chest, 2005, 128, 1168-1178.	0.4	291
21	Simvastatin for the Prevention of Exacerbations in Moderate-to-Severe COPD. New England Journal of Medicine, 2014, 370, 2201-2210.	13.9	281
22	A Multicenter Randomized Controlled Trial of Zephyr Endobronchial Valve Treatment in Heterogeneous Emphysema (LIBERATE). American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1151-1164.	2.5	253
23	Autoantibodies in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 156-163.	2.5	238
24	Tacrolimus in refractory poly myositis with interstitial lung disease. Lancet, The, 1999, 353, 1762-1763.	6.3	232
25	Effect of Endobronchial Coils vs Usual Care on Exercise Tolerance in Patients With Severe Emphysema. JAMA - Journal of the American Medical Association, 2016, 315, 2178.	3.8	208
26	Effect of Fluticasone Propionate/Salmeterol on Lung Hyperinflation and Exercise Endurance in COPD. Chest, 2006, 130, 647-656.	0.4	205
27	Association of Chronic Obstructive Pulmonary Disease Severity and Pneumocystis Colonization. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 408-413.	2.5	201
28	Comorbidities, Patient Knowledge, and Disease Management in a National Sample of Patients with COPD. American Journal of Medicine, 2009, 122, 348-355.	0.6	198
29	Unilateral thoracoscopic surgical approach for diffuse emphysema. Journal of Thoracic and Cardiovascular Surgery, 1996, 111, 308-316.	0.4	197
30	Survival after Lung Volume Reduction in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 454-459.	2.5	190
31	Pulmonary Function Abnormalities in HIV-Infected Patients during the Current Antiretroviral Therapy Era. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 790-796.	2.5	184
32	Complications of lung resection and exercise capacity: A meta-analysis. Respiratory Medicine, 2007, 101, 1790-1797.	1.3	181
33	Benralizumab for the Prevention of COPD Exacerbations. New England Journal of Medicine, 2019, 381, 1023-1034.	13.9	180
34	Identification of Early Interstitial Lung Disease in Smokers from the COPD Gene Study. Academic Radiology, 2010, 17, 48-53.	1.3	175
35	An Official American Thoracic Society/European Respiratory Society Statement: Research Questions in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 191, e4-e27.	2.5	166
36	Patients with Idiopathic Pulmonary Fibrosis with Antibodies to Heat Shock Protein 70 Have Poor Prognoses. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 768-775.	2.5	165

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37	Diagnosis and Outpatient Management of Chronic Obstructive Pulmonary Disease. JAMA - Journal of the American Medical Association, 2019, 321, 786.	3.8	159
38	C-X-C Motif Chemokine 13 (CXCL13) Is a Prognostic Biomarker of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 966-974.	2.5	151
39	Feasibility of Retinoids for the Treatment of Emphysema Study. Chest, 2006, 130, 1334-1345.	0.4	150
40	Physician and patient perceptions in COPD: The COPD Resource Network Needs Assessment Survey. American Journal of Medicine, 2005, 118, 1415.e9-1415.e17.	0.6	144
41	A Combined Pulmonary-Radiology Workshop for Visual Evaluation of COPD: Study Design, Chest CT Findings and Concordance with Quantitative Evaluation. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2012, 9, 151-159.	0.7	143
42	Plasma B Lymphocyte Stimulator and B Cell Differentiation in Idiopathic Pulmonary Fibrosis Patients. Journal of Immunology, 2013, 191, 2089-2095.	0.4	142
43	Relationship of DNA Methylation and Gene Expression in Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 1263-1272.	2.5	140
44	Respiratory Symptoms and Airway Obstruction in HIV-Infected Subjects in the HAART Era. PLoS ONE, 2009, 4, e6328.	1.1	140
45	An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. European Respiratory Journal, 2015, 45, 879-905.	3.1	138
46	Blood eosinophil count thresholds and exacerbations in patients with chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2018, 141, 2037-2047.e10.	1.5	138
47	Genetic Determinants of Emphysema Distribution in the National Emphysema Treatment Trial. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 42-48.	2.5	136
48	Automated lung segmentation in X-ray computed tomography. Academic Radiology, 2003, 10, 1224-1236.	1.3	135
49	Longitudinal Phenotypes and Mortality in Preserved Ratio Impaired Spirometry in the COPD Gene Study. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1397-1405.	2.5	132
50	Radiographic Emphysema Predicts Low Bone Mineral Density in a Tobacco-exposed Cohort. American Journal of Respiratory and Critical Care Medicine, 2011, 183, 885-890.	2.5	129
51	Cluster analysis in the COPD Gene study identifies subtypes of smokers with distinct patterns of airway disease and emphysema. Thorax, 2014, 69, 416-423.	2.7	128
52	Activity Monitoring and Energy Expenditure in COPD Patients: A Validation Study. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2007, 4, 107-112.	0.7	122
53	A combinatorial F box protein directed pathway controls TRAF adaptor stability to regulate inflammation. Nature Immunology, 2013, 14, 470-479.	7.0	118
54	Longitudinal Change in the BODE Index Predicts Mortality in Severe Emphysema. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 491-499.	2.5	114

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55	Genetic Association Analysis of Functional Impairment in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 977-984.	2.5	112
56	Metoprolol for the Prevention of Acute Exacerbations of COPD. New England Journal of Medicine, 2019, 381, 2304-2314.	13.9	111
57	Integrated Genomics Reveals Convergent Transcriptomic Networks Underlying Chronic Obstructive Pulmonary Disease and Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 948-960.	2.5	110
58	Interstitial Lung Abnormalities and Reduced Exercise Capacity. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 756-762.	2.5	106
59	Optimal threshold in CT quantification of emphysema. European Radiology, 2013, 23, 975-984.	2.3	105
60	Exercise Maintenance Following Pulmonary Rehabilitation. Chest, 2002, 122, 948-954.	0.4	104
61	Persistent <i>Pneumocystis</i> Colonization Leads to the Development of Chronic Obstructive Pulmonary Disease in a Nonhuman Primate Model of AIDS. Journal of Infectious Diseases, 2010, 202, 302-312.	1.9	97
62	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
63	Paired inspiratory-expiratory chest CT scans to assess for small airways disease in COPD. Respiratory Research, 2013, 14, 42.	1.4	93
64	Design of the Endobronchial Valve for Emphysema Palliation Trial (VENT): a non-surgical method of lung volume reduction. BMC Pulmonary Medicine, 2007, 7, 10.	0.8	92
65	Missing value imputation in high-dimensional phenomic data: imputable or not, and how?. BMC Bioinformatics, 2014, 15, 346.	1.2	92
66	CT Metrics of Airway Disease and Emphysema in Severe COPD. Chest, 2009, 136, 396-404.	0.4	87
67	Clinical Significance of Radiologic Characterizations in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2009, 6, 459-467.	0.7	85
68	Preoperative Severity of Emphysema Predictive of Improvement After Lung Volume Reduction Surgery. Chest, 2000, 118, 1240-1247.	0.4	83
69	The 6-Minute-Walk Distance Test as a Chronic Obstructive Pulmonary Disease Stratification Tool. Insights from the COPD Biomarker Qualification Consortium. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 1483-1493.	2.5	83
70	Peripheral T Cell Functions Correlate with the Severity of Chronic Obstructive Pulmonary Disease. Journal of Immunology, 2009, 182, 3270-3277.	0.4	81
71	Lung Volume Reduction Surgery for Emphysema. Chest, 1996, 110, 205-218.	0.4	79
72	A Computational Geometry Approach to Automated Pulmonary Fissure Segmentation in CT Examinations. IEEE Transactions on Medical Imaging, 2009, 28, 710-719.	5.4	77

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73	Airway Obstruction Is Increased in <i>Pneumocystis</i> -Colonized Human Immunodeficiency Virus-Infected Outpatients. <i>Journal of Clinical Microbiology</i> , 2009, 47, 3773-3776.	1.8	76
74	Cardiopulmonary function in individuals with HIV infection in the antiretroviral therapy era. <i>Aids</i> , 2012, 26, 731-740.	1.0	76
75	Integrative phenotyping framework (iPF): integrative clustering of multiple omics data identifies novel lung disease subphenotypes. <i>BMC Genomics</i> , 2015, 16, 924.	1.2	76
76	Frailty and Clinical Outcomes in Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2019, 16, 217-224.	1.5	75
77	Physical Activity, Health Status and Risk of Hospitalization in Patients with Severe Chronic Obstructive Pulmonary Disease. <i>Respiration</i> , 2010, 80, 10-18.	1.2	73
78	Target lobe volume reduction and COPD outcome measures after endobronchial valve therapy. <i>European Respiratory Journal</i> , 2014, 43, 387-396.	3.1	73
79	<i>Pneumocystis</i> : A Novel Pathogen in Chronic Obstructive Pulmonary Disease?. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2008, 5, 43-51.	0.7	72
80	An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. <i>European Respiratory Review</i> , 2015, 24, 159-172.	3.0	72
81	Endoscopic Lung Volume Reduction: An Expert Panel Recommendation – Update 2019. <i>Respiration</i> , 2019, 97, 548-557.	1.2	72
82	Anxiety is associated with diminished exercise performance and quality of life in severe emphysema: a cross-sectional study. <i>Respiratory Research</i> , 2010, 11, 29.	1.4	71
83	Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD. <i>Chest</i> , 2014, 146, 941-950.	0.4	71
84	Evidence of an Altered Pattern of Breathing during Exercise in Recipients of Heart-Lung Transplants. <i>New England Journal of Medicine</i> , 1988, 319, 1186-1192.	13.9	70
85	Computed Tomographic-Based Quantification of Emphysema and Correlation to Pulmonary Function and Mechanics. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2008, 5, 177-186.	0.7	68
86	The COPD Biomarker Qualification Consortium (CBQC). <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2013, 10, 367-377.	0.7	67
87	Comprehensive Clinical and Molecular Analysis of 12 Families with Type 1 Recessive Cutis Laxa. <i>Human Mutation</i> , 2013, 34, 111-121.	1.1	67
88	Features of COPD as Predictors of Lung Cancer. <i>Chest</i> , 2018, 153, 1326-1335.	0.4	67
89	Automated quantification of COVID-19 severity and progression using chest CT images. <i>European Radiology</i> , 2021, 31, 436-446.	2.3	66
90	Efficacy of Advair Diskus 250/50 (Fluticasone Propionate/Salmeterol) or Ipratropium/Albuterol in Patients with COPD Associated with Chronic Bronchitis and/or Emphysema. <i>Chest</i> , 2004, 126, 807S.	0.4	64

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91	Down-regulated Peroxisome Proliferator-activated Receptor $\hat{1}^3$ (PPAR $\hat{1}^3$) in Lung Epithelial Cells Promotes a PPAR $\hat{1}^3$ Agonist-reversible Proinflammatory Phenotype in Chronic Obstructive Pulmonary Disease (COPD). <i>Journal of Biological Chemistry</i> , 2014, 289, 6383-6393.	1.6	63
92	Mixed graphical models for integrative causal analysis with application to chronic lung disease diagnosis and prognosis. <i>Bioinformatics</i> , 2019, 35, 1204-1212.	1.8	63
93	Asthma diagnosis and airway bronchodilator response in HIV-infected patients. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 708-714.e8.	1.5	62
94	Blood Eosinophil Counts in Clinical Trials for Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 660-671.	2.5	62
95	Tiotropium in patients with moderate COPD naive to maintenance therapy: a randomised placebo-controlled trial. <i>Npj Primary Care Respiratory Medicine</i> , 2014, 24, 14003.	1.1	61
96	Variability of Spirometry in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 173, 1106-1113.	2.5	56
97	Disease Progression Modeling in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 294-302.	2.5	56
98	Non-emphysematous chronic obstructive pulmonary disease is associated with diabetes mellitus. <i>BMC Pulmonary Medicine</i> , 2014, 14, 164.	0.8	55
99	Thoracoscopic laser bullectomy: A prospective study with three-month results. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 1996, 112, 319-327.	0.4	54
100	Inverse association of plasma IL-13 and inflammatory chemokines with lung function impairment in stable COPD: a cross-sectional cohort study. <i>Respiratory Research</i> , 2007, 8, 64.	1.4	51
101	Exercise Testing in Severe Emphysema: Association with Quality of Life and Lung Function. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2008, 5, 117-124.	0.7	51
102	The HLA Class II Allele DRB1*1501 Is Over-Represented in Patients with Idiopathic Pulmonary Fibrosis. <i>PLoS ONE</i> , 2011, 6, e14715.	1.1	51
103	Quantitative Computed Tomography Analysis, Airflow Obstruction, and Lung Cancer in the Pittsburgh Lung Screening Study. <i>Journal of Thoracic Oncology</i> , 2011, 6, 1200-1205.	0.5	50
104	Long-term Comparative Immunogenicity of Protein Conjugate and Free Polysaccharide Pneumococcal Vaccines in Chronic Obstructive Pulmonary Disease. <i>Clinical Infectious Diseases</i> , 2012, 55, e35-e44.	2.9	50
105	Influence of Lightweight Ambulatory Oxygen on Oxygen Use and Activity Patterns of COPD Patients Receiving Long-Term Oxygen Therapy. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2012, 9, 3-11.	0.7	50
106	Physiologic Similarities and Differences Between COPD and Asthma. <i>Chest</i> , 2004, 126, 117S-124S.	0.4	48
107	Six-Minute Walk Testing. <i>Seminars in Respiratory and Critical Care Medicine</i> , 1998, 19, 383-392.	0.8	47
108	The Influence of Radiographic Phenotype and Smoking Status on Peripheral Blood Biomarker Patterns in Chronic Obstructive Pulmonary Disease. <i>PLoS ONE</i> , 2009, 4, e6865.	1.1	45

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109	Continuous Oxygen Use in Nonhypoxemic Emphysema Patients Identifies a High-Risk Subset of Patients. <i>Chest</i> , 2008, 134, 497-506.	0.4	44
110	A Differential Geometric Approach to Automated Segmentation of Human Airway Tree. <i>IEEE Transactions on Medical Imaging</i> , 2011, 30, 266-278.	5.4	44
111	Airflow Limitation and Endothelial Dysfunction. Unrelated and Independent Predictors of Atherosclerosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 38-47.	2.5	44
112	Perfusion Scintigraphy and Patient Selection for Lung Volume Reduction Surgery. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 182, 937-946.	2.5	43
113	Increased Matrix Metalloproteinase (MMPs) Levels Do Not Predict Disease Severity or Progression in Emphysema. <i>PLoS ONE</i> , 2013, 8, e56352.	1.1	43
114	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.	2.5	42
115	Optimal Protocol Selection for Cardiopulmonary Exercise Testing in Severe COPD. <i>Chest</i> , 2007, 132, 1500-1505.	0.4	41
116	Effects of Lung Volume Reduction Surgery on Gas Exchange and Breathing Pattern During Maximum Exercise. <i>Chest</i> , 2009, 135, 1268-1279.	0.4	41
117	Eosinophil and T cell markers predict functional decline in COPD patients. <i>Respiratory Research</i> , 2009, 10, 113.	1.4	39
118	Exercise Tolerance during Nasal Cannula and Transtracheal Oxygen Delivery. <i>The American Review of Respiratory Disease</i> , 1990, 141, 789-791.	2.9	38
119	EARLY AND LONG-TERM FUNCTIONAL OUTCOMES FOLLOWING LUNG VOLUME REDUCTION SURGERY. <i>Clinics in Chest Medicine</i> , 1997, 18, 259-276.	0.8	38
120	The Relationship Between Pulmonary Emphysema and Kidney Function in Smokers. <i>Chest</i> , 2012, 142, 655-662.	0.4	37
121	Single-Breath Diffusing Capacity of the Lung for Carbon Monoxide. <i>Chest</i> , 2003, 123, 1394-1400.	0.4	36
122	Oxygen Consumption, Shuttle Walking Test and the Evaluation of Lung Resection. <i>Respiration</i> , 2010, 80, 19-23.	1.2	36
123	Contributors to diffusion impairment in HIV-infected persons. <i>European Respiratory Journal</i> , 2014, 43, 195-203.	3.1	36
124	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. <i>Chest</i> , 2018, 153, 65-76.	0.4	36
125	Any unique image biomarkers associated with COVID-19?. <i>European Radiology</i> , 2020, 30, 6221-6227.	2.3	36
126	A new perspective on optimal care for patients with COPD. <i>Primary Care Respiratory Journal: Journal of the General Practice Airways Group</i> , 2011, 20, 205-209.	2.5	35

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127	Relationship ofPneumocystisAntibody Response to Severity of Chronic Obstructive Pulmonary Disease. <i>Clinical Infectious Diseases</i> , 2008, 47, e64-e68.	2.9	34
128	Randomized Trial of Zileuton for Treatment of COPD Exacerbations Requiring Hospitalization. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2011, 8, 21-29.	0.7	33
129	Lung deflation and oxygen pulse in COPD: Results from the NETT randomized trial. <i>Respiratory Medicine</i> , 2012, 106, 109-119.	1.3	33
130	Integrating Health Status and Survival Data. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 180, 239-246.	2.5	32
131	Role of lung reduction in lung transplant candidates with pulmonary emphysema. <i>Annals of Thoracic Surgery</i> , 1996, 62, 994-999.	0.7	31
132	Assessment of microRNA differential expression and detection in multiplexed small RNA sequencing data. <i>Rna</i> , 2015, 21, 164-171.	1.6	31
133	Factors to Inform Clinicians About the End of Life in Severe Chronic Obstructive Pulmonary Disease. <i>Journal of Pain and Symptom Management</i> , 2013, 46, 491-499.e4.	0.6	30
134	Effect of beta-blockers on exacerbation rate and lung function in chronic obstructive pulmonary disease (COPD). <i>Respiratory Research</i> , 2017, 18, 124.	1.4	30
135	Mepolizumab for Eosinophil-Associated COPD: Analysis of METREX and METREO. <i>International Journal of COPD</i> , 2021, Volume 16, 1755-1770.	0.9	30
136	<i>Pneumocystis jirovecii</i> colonization is associated with enhanced Th1 inflammatory gene expression in lungs of humans with chronic obstructive pulmonary disease. <i>Microbiology and Immunology</i> , 2014, 58, 202-211.	0.7	29
137	The DNA repair transcriptome in severe COPD. <i>European Respiratory Journal</i> , 2018, 52, 1701994.	3.1	29
138	Predictors of Response to Endobronchial Coil Therapy in Patients With Advanced Emphysema. <i>Chest</i> , 2019, 155, 928-937.	0.4	29
139	Impact of Emphysema Heterogeneity on Pulmonary Function. <i>PLoS ONE</i> , 2014, 9, e113320.	1.1	29
140	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. <i>Cell Genomics</i> , 2022, 2, 100084.	3.0	29
141	Transtracheal Delivery of Oxygen: Efficacy and Safety for Long-Term Continuous Therapy. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 1991, 100, 108-115.	0.6	28
142	Relationship Between Lung Function Impairment and Health-Related Quality of Life in COPD and Interstitial Lung Disease. <i>Chest</i> , 2012, 142, 704-711.	0.4	28
143	Optimizing the 6-Min Walk Test as a Measure of Exercise Capacity in COPD. <i>Chest</i> , 2012, 142, 1545-1552.	0.4	27
144	Extreme Trait Whole-Genome Sequencing Identifies <i>PTPRO</i> as a Novel Candidate Gene in Emphysema with Severe Airflow Obstruction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 159-171.	2.5	27

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145	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. <i>Respiratory Research</i> , 2021, 22, 127.	1.4	26
146	Once-daily single-inhaler versus twice-daily multiple-inhaler triple therapy in patients with COPD: lung function and health status results from two replicate randomized controlled trials. <i>Respiratory Research</i> , 2020, 21, 131.	1.4	25
147	Altered T-Cell Phenotypes in Chronic Obstructive Pulmonary Disease. <i>Proceedings of the American Thoracic Society</i> , 2006, 3, 487-488.	3.5	24
148	Objectively Measured Physical Activity in Patients with COPD: Recommendations from an International Task Force on Physical Activity. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021, 8, 528-550.	0.5	24
149	Plasma Inflammatory Mediators Associated with Bone Metabolism in COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2010, 7, 186-191.	0.7	23
150	Bidirectional elastic image registration using B-spline affine transformation. <i>Computerized Medical Imaging and Graphics</i> , 2014, 38, 306-314.	3.5	23
151	Deep neural network analyses of spirometry for structural phenotyping of chronic obstructive pulmonary disease. <i>JCI Insight</i> , 2020, 5, .	2.3	23
152	Pulmonary Fissure Integrity and Collateral Ventilation in COPD Patients. <i>PLoS ONE</i> , 2014, 9, e96631.	1.1	22
153	Serum IgG Levels and Risk of COPD Hospitalization. <i>Chest</i> , 2020, 158, 1420-1430.	0.4	22
154	Extracellular Release of Mitochondrial DNA: Triggered by Cigarette Smoke and Detected in COPD. <i>Cells</i> , 2022, 11, 369.	1.8	22
155	Determining the Role of Dynamic Hyperinflation in Patients with Severe Chronic Obstructive Pulmonary Disease. <i>Respiration</i> , 2015, 90, 306-313.	1.2	21
156	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.	0.8	21
157	New Spirometry Indices for Detecting Mild Airflow Obstruction. <i>Scientific Reports</i> , 2018, 8, 17484.	1.6	21
158	Alpha-1 Antitrypsin MZ Heterozygosity Is an Endotype of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 313-323.	2.5	21
159	Results of multifield conformal radiation therapy of nonsmall-cell lung carcinoma using multileaf collimation beams. <i>Radiation Oncology Investigations</i> , 1999, 7, 297-308.	1.3	20
160	Deglutitive Subglottic Air Pressure and Respiratory System Recoil. <i>Dysphagia</i> , 2012, 27, 452-459.	1.0	20
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