Frank C Sciurba

List of Publications by Year
in descending order

258	25,350	9254 74	7152 153
papers	citations	h-index	g-index

261	261	261	21336
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Alpha-1 Antitrypsin MZ Heterozygosity Is an Endotype of Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 313-323.	2.5	21
2	Extracellular Release of Mitochondrial DNA: Triggered by Cigarette Smoke and Detected in COPD. Cells, 2022, 11, 369.	1.8	22
3	Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. Cell Genomics, 2022, 2, 100084.	3.0	29
4	Bronchoscopic Lung Volume Reduction Coil Treatment for Severe Emphysema: A Systematic Review and Meta-Analysis of Individual Participant Data. Respiration, 2022, 101, 697-705.	1.2	6
5	Lung tissue shows divergent gene expression between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis. Respiratory Research, 2022, 23, 97.	1.4	7
6	Circulating 1,3-Beta-D-Glucan is Associated with Lung Function, Respiratory Symptoms, and Mediators of Matrix Degradation in Chronic Obstructive Pulmonary Disease. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2022, , .	0.5	0
7	Gene coexpression networks reveal novel molecular endotypes in alpha-1 antitrypsin deficiency. Thorax, 2021, 76, 134-143.	2.7	5
8	Improving clinical disease subtyping and future events prediction through a chest CTâ€based deep learning approach. Medical Physics, 2021, 48, 1168-1181.	1.6	11
9	Automated quantification of COVID-19 severity and progression using chest CT images. European Radiology, 2021, 31, 436-446.	2.3	66
10	Objectively Measured Physical Activity in Patients with COPD: Recommendations from an International Task Force on Physical Activity. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2021, 8, 528-550.	0.5	24
11	Elevated plasma level of Pentraxin 3 is associated with emphysema and mortality in smokers. Thorax, 2021, 76, 335-342.	2.7	15
12	Adenine nucleotide translocase regulates airway epithelial metabolism, surface hydration and ciliary function. Journal of Cell Science, 2021, 134, .	1.2	18
13	HRCT characteristics of severe emphysema patients: Interobserver variability among expert readers and comparison with quantitative software. European Journal of Radiology, 2021, 136, 109561.	1.2	5
14	Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. Respiratory Research, 2021, 22, 127.	1.4	26
15	Single cell RNA sequencing identifies IGFBP5 and QKI as ciliated epithelial cell genes associated with severe COPD. Respiratory Research, 2021, 22, 100.	1.4	18
16	Mepolizumab for Eosinophil-Associated COPD: Analysis of METREX and METREO. International Journal of COPD, 2021, Volume 16, 1755-1770.	0.9	30
17	Objectively Measured Physical Activity as a COPD Clinical Trial Outcome. Chest, 2021, 160, 2080-2100.	0.4	17
18	A pilot study: Quantify lung volume and emphysema extent directly from twoâ€dimensional scout images. Medical Physics, 2021, 48, 4316-4325.	1.6	5

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19	HLA-C and KIR permutations influence chronic obstructive pulmonary disease risk. JCI Insight, 2021, 6, .	2.3	3
20	The Association Between Lung Hyperinflation and Coronary Artery Disease in Smokers. Chest, 2021, 160, 858-871.	0.4	7
21	Association of Systemic Inflammation with Depressive Symptoms in Individuals with COPD. International Journal of COPD, 2021, Volume 16, 2515-2522.	0.9	11
22	Unpaired data empowers association tests. Bioinformatics, 2021, 37, 785-792.	1.8	1
23	CT pectoralis muscle area is associated with DXA lean mass and correlates with emphysema progression in a tobacco-exposed cohort. Thorax, 2021, , thoraxjnl-2021-217710.	2.7	9
24	Incorporating External Information in Tissue Subtyping: A Topic Modeling Approach.. Proceedings of Machine Learning Research, 2021, 149, 478-505.	0.3	0
25	Disease Progression Modeling in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 294-302.	2.5	56
26	Clinical Development and Research Applications of the Chronic Obstructive Pulmonary Disease Assessment Test. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 1058-1067.	2.5	3
27	The effects of lung volume reduction treatment on diffusing capacity and gas exchange. European Respiratory Review, 2020, 29, 190171.	3.0	5
28	Two-Year Outcomes for the Double-Blind, Randomized, Sham-Controlled Study of Targeted Lung Denervation in Patients with Moderate to Severe COPD: AIRFLOW-2 . International Journal of COPD, 2020, Volume 15, 2807-2816.	0.9	16
29	Serum IgG Levels and Risk of COPD Hospitalization. Chest, 2020, 158, 1420-1430.	0.4	22
30	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. Respiratory Research, 2020, 21, 131.	1.4	25
31	Any unique image biomarkers associated with COVID-19?. European Radiology, 2020, 30, 6221-6227.	2.3	36
32	Concerns About Coronavirus Diseaseâ€“Related Collateral Damage for Patients With COPD. Chest, 2020, 158, 866-868.	0.4	14
33	Blood Eosinophil Counts in Clinical Trials for Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2020, 202, 660-671.	2.5	62
34	Endobronchial coils for emphysema: Dual mechanism of action on lobar residual volume reduction. Respirology, 2020, 25, 1160-1166.	1.3	12
35	CD70 Activation Decreases Pulmonary Fibroblast Production of Extracellular Matrix Proteins. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 255-265.	1.4	3
36	Effect of Zephyr Endobronchial Valves on Dyspnea, Activity Levels, and Quality of Life at One Year. Results from a Randomized Clinical Trial. Annals of the American Thoracic Society, 2020, 17, 829-838.	1.5	17

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37	Cigarette smoke exposure enhances transforming acidic coiled-coilâ€“containing protein 2 turnover and thereby promotes emphysema. JCI Insight, 2020, 5, .	2.3	13
38	Deep neural network analyses of spirometry for structural phenotyping of chronic obstructive pulmonary disease. JCI Insight, 2020, 5, .	2.3	23
39	A Risk Prediction Model for Mortality Among Smokers in the COPDGeneÂ® Study. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 346-361.	0.5	9
40	Glucose-Regulated Protein 78 Autoantibodies Are Associated with Carotid Atherosclerosis in Chronic Obstructive Pulmonary Disease Patients. ImmunoHorizons, 2020, 4, 108-118.	0.8	3
41	COPD Phenotyping. Respiratory Medicine, 2020, , 225-239.	0.1	0
42	Loss of skin elasticity is associated with pulmonary emphysema, biomarkers of inflammation, and matrix metalloproteinase activity in smokers. Respiratory Research, 2019, 20, 128.	1.4	11
43	Metoprolol for the Prevention of Acute Exacerbations of COPD. New England Journal of Medicine, 2019, 381, 2304-2314.	13.9	111
44	Lung Function, Coronary Artery Disease, and Mortality in HIV. Annals of the American Thoracic Society, 2019, 16, 687-697.	1.5	15
45	Benralizumab for the Prevention of COPD Exacerbations. New England Journal of Medicine, 2019, 381, 1023-1034.	13.9	180
46	Predictors of Response to Endobronchial Coil Therapy in Patients With Advanced Emphysema. Chest, 2019, 155, 928-937.	0.4	29
47	Endoscopic Lung Volume Reduction: An Expert Panel Recommendation â€“ Update 2019. Respiration, 2019, 97, 548-557.	1.2	72
48	The Peak Index: Spirometry Metric for Airflow Obstruction Severity and Heterogeneity. Annals of the American Thoracic Society, 2019, 16, 982-989.	1.5	8
49	Diagnosis and Outpatient Management of Chronic Obstructive Pulmonary Disease. JAMA - Journal of the American Medical Association, 2019, 321, 786.	3.8	159
50	Bronchoscopic device intervention in chronic obstructive pulmonary disease. Current Opinion in Pulmonary Medicine, 2019, 25, 201-210.	1.2	4
51	Mixed graphical models for integrative causal analysis with application to chronic lung disease diagnosis and prognosis. Bioinformatics, 2019, 35, 1204-1212.	1.8	63
52	Frailty and Clinical Outcomes in Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2019, 16, 217-224.	1.5	75
53	The SCFFBXO3 ubiquitin E3 ligase regulates inflammation in atherosclerosis. Journal of Molecular and Cellular Cardiology, 2019, 126, 50-59.	0.9	7
54	Introducing the New COPD Pocket Consultant Guide App: Can A Digital Approach Improve Care? A Statement of the COPD Foundation. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2019, 6, 210-220.	0.5	3

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55	Features of COPD as Predictors of LungÂCancer. Chest, 2018, 153, 1326-1335.	0.4	67
56	Radiographic Emphysema, Circulating Bone Biomarkers, and Progressive Bone Mineral Density Loss in Smokers. Annals of the American Thoracic Society, 2018, 15, 615-621.	1.5	12
57	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
58	The Long-Term Oxygen Treatment Trial for Chronic Obstructive Pulmonary Disease: Rationale, Design, and Lessons Learned. Annals of the American Thoracic Society, 2018, 15, 89-101.	1.5	8
59	Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. Chest, 2018, 153, 65-76.	0.4	36
60	Endobronchial Coils Versus Lung Volume Reduction Surgery or Medical Therapy for Treatment of Advanced Homogenous Emphysema. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2018, 5, 87-96.	0.5	4
61	Impact of neurological level and spinal curvature on pulmonary function in adults with spina bifida. Journal of Pediatric Rehabilitation Medicine, 2018, 11, 243-254.	0.3	4
62	Decreased serum TRAIL is associated with increased mortality in smokers with comorbid emphysema and coronary artery disease. Respiratory Medicine, 2018, 145, 21-27.	1.3	7
63	New Spirometry Indices for Detecting Mild Airflow Obstruction. Scientific Reports, 2018, 8, 17484.	1.6	21
64	The DNA repair transcriptome in severeÂCOPD. European Respiratory Journal, 2018, 52, 1701994.	3.1	29
65	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
66	Measuring associations between the microbiota and repeated measures of continuous clinical variables using a lasso-penalized generalized linear mixed model. BioData Mining, 2018, 11, 12.	2.2	8
67	Longitudinal Phenotypes and Mortality in Preserved Ratio Impaired Spirometry in the COPDGene Study. American Journal of Respiratory and Critical Care Medicine, 2018, 198, 1397-1405.	2.5	132
68	Subject2Vec: Generative-Discriminative Approach from a Set of Image Patches to a Vector. Lecture Notes in Computer Science, 2018, 11070, 502-510.	1.0	10
69	Extreme Trait Whole-Genome Sequencing Identifies PTPRO as a Novel Candidate Gene in Emphysema with Severe Airflow Obstruction. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 159-171.	2.5	27
70	EnRAGEed Kidneys in Chronic Obstructive Pulmonary Disease?. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1411-1413.	2.5	1
71	Mediastinal and Subcutaneous Chest Fat Are Differentially Associated with Emphysema Progression and Clinical Outcomes in Smokers. Respiration, 2017, 94, 501-509.	1.2	6
72	Effect of beta-blockers on exacerbation rate and lung function in chronic obstructive pulmonary disease (COPD). Respiratory Research, 2017, 18, 124.	1.4	30

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73	The St. Georgeâ€™s Respiratory Questionnaire Appendix to the Food and Drug Administration Draft Guidance on COPD. Chest, 2017, 152, 914-916.	0.4	1
74	Assessment of coronary artery calcium by chest CT compared with EKG-gated cardiac CT in the multicenter AIDS cohort study. PLoS ONE, 2017, 12, e0176557.	1.1	17
75	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
76	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
77	<scp>COPD</scp> phenotypes in a lung cancer screening population. Clinical Respiratory Journal, 2016, 10, 48-53.	0.6	9
78	A Randomized Trial of Long-Term Oxygen for COPD with Moderate Desaturation. New England Journal of Medicine, 2016, 375, 1617-1627.	13.9	327
79	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
80	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
81	Airflow Limitation and Endothelial Dysfunction. Unrelated and Independent Predictors of Atherosclerosis. American Journal of Respiratory and Critical Care Medicine, 2016, 194, 38-47.	2.5	44
82	Bronchoscopic Lung Volume Reduction in COPD. JAMA - Journal of the American Medical Association, 2016, 315, 139.	3.8	17
83	Integrative phenotyping framework (iPF): integrative clustering of multiple omics data identifies novel lung disease subphenotypes. BMC Genomics, 2015, 16, 924.	1.2	76
84	Determining the Role of Dynamic Hyperinflation in Patients with Severe Chronic Obstructive Pulmonary Disease. Respiration, 2015, 90, 306-313.	1.2	21
85	An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. European Respiratory Review, 2015, 24, 159-172.	3.0	72
86	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
87	An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. European Respiratory Journal, 2015, 45, 879-905.	3.1	138
88	Executive Function, Survival, and Hospitalization in Chronic Obstructive Pulmonary Disease. A Longitudinal Analysis of the National Emphysema Treatment Trial (NETT). Annals of the American Thoracic Society, 2015, 12, 1473-1481.	1.5	14
89	Rationale and Design of the Genomic Research in Alpha-1 Antitrypsin Deficiency and Sarcoidosis Study. Alpha-1 Protocol. Annals of the American Thoracic Society, 2015, 12, 1551-1560.	1.5	12
90	Older Adults with Chronic Lung Disease Report Less Limitation Compared with Younger Adults with Similar Lung Function Impairment. Annals of the American Thoracic Society, 2015, 12, 21-26.	1.5	16

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91	Assessment of microRNA differential expression and detection in multiplexed small RNA sequencing data. Rna, 2015, 21, 164-171.	1.6	31
92	High Intensity Non-Invasive Positive Pressure Ventilation (HINPPV) for Stable Hypercapnic Chronic Obstructive Pulmonary Disease (COPD) Patients - See more at: http://journal.copdfoundation.org/#sthash.CDAuozRw.dpuf. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2015, 2, 313-320.	0.5	8
93	Pulmonary Fissure Integrity and Collateral Ventilation in COPD Patients. PLoS ONE, 2014, 9, e96631.	1.1	22
94	Autoreactivity to Glucose Regulated Protein 78 Links Emphysema and Osteoporosis in Smokers. PLoS ONE, 2014, 9, e105066.	1.1	15
95	Non-emphysematous chronic obstructive pulmonary disease is associated with diabetes mellitus. BMC Pulmonary Medicine, 2014, 14, 164.	0.8	55
96	Direct assessment of lung function in COPD using CT densitometric measures. Physiological Measurement, 2014, 35, 833-845.	1.2	15
97	Biomechanical Properties of the Skin in Cutis Laxa. Journal of Investigative Dermatology, 2014, 134, 2836-2838.	0.3	11
98	An official European Respiratory Society/American Thoracic Society technical standard: field walking tests in chronic respiratory disease. European Respiratory Journal, 2014, 44, 1428-1446.	3.1	1,663
99	Cluster analysis in the COPDGene study identifies subtypes of smokers with distinct patterns of airway disease and emphysema. Thorax, 2014, 69, 416-423.	2.7	128
100	Pneumocystis jirovecii colonization is associated with enhanced Th1 inflammatory gene expression in lungs of humans with chronic obstructive pulmonary disease. Microbiology and Immunology, 2014, 58, 202-211.	0.7	29
101	Contributors to diffusion impairment in HIV-infected persons. European Respiratory Journal, 2014, 43, 195-203.	3.1	36
102	Missing value imputation in high-dimensional phenomic data: imputable or not, and how?. BMC Bioinformatics, 2014, 15, 346.	1.2	92
103	Simvastatin for the Prevention of Exacerbations in Moderate-to-Severe COPD. New England Journal of Medicine, 2014, 370, 2201-2210.	13.9	281
104	An official systematic review of the European Respiratory Society/American Thoracic Society: measurement properties of field walking tests in chronic respiratory disease. European Respiratory Journal, 2014, 44, 1447-1478.	3.1	652
105	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
106	Target lobe volume reduction and COPD outcome measures after endobronchial valve therapy. European Respiratory Journal, 2014, 43, 387-396.	3.1	73
107	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
108	Down-regulated Peroxisome Proliferator-activated Receptor Î³ (PPARÎ³) in Lung Epithelial Cells Promotes a PPARÎ³ Agonist-reversible Proinflammatory Phenotype in Chronic Obstructive Pulmonary Disease (COPD). Journal of Biological Chemistry, 2014, 289, 6383-6393.	1.6	63

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109	Bidirectional elastic image registration using B-spline affine transformation. Computerized Medical Imaging and Graphics, 2014, 38, 306-314.	3.5	23
110	Tiotropium in patients with moderate COPD naive to maintenance therapy: a randomised placebo-controlled trial. Npj Primary Care Respiratory Medicine, 2014, 24, 14003.	1.1	61
111	Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD. Chest, 2014, 146, 941-950.	0.4	71
112	Impact of Emphysema Heterogeneity on Pulmonary Function. PLoS ONE, 2014, 9, e113320.	1.1	29
113	Assessment of lung volume collapsibility in chronic obstructive lung disease patients using CT. European Radiology, 2013, 23, 1564-1572.	2.3	18
114	Optimal threshold in CT quantification of emphysema. European Radiology, 2013, 23, 975-984.	2.3	105
115	The COPD Biomarker Qualification Consortium (CBQC). COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 10, 367-377.	0.7	67
116	Computerized identification of airway wall in CT examinations using a 3D active surface evolution approach. Medical Image Analysis, 2013, 17, 283-296.	7.0	15
117	Factors to Inform Clinicians About the End of Life in Severe Chronic Obstructive Pulmonary Disease. Journal of Pain and Symptom Management, 2013, 46, 491-499.e4.	0.6	30
118	Considerations and pitfalls in phenotyping and reclassification of chronic obstructive pulmonary disease. Translational Research, 2013, 162, 252-257.	2.2	2
119	A combinatorial F box protein directed pathway controls TRAF adaptor stability to regulate inflammation. Nature Immunology, 2013, 14, 470-479.	7.0	118
120	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
121	Paired inspiratory-expiratory chest CT scans to assess for small airways disease in COPD. Respiratory Research, 2013, 14, 42.	1.4	93
122	Minimal or Maximal Clinically Important Difference: Using Death to Define MCID. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 1391-1392.	2.5	0
123	Comprehensive Clinical and Molecular Analysis of 12 Families with Type 1 Recessive Cutis Laxa. Human Mutation, 2013, 34, 111-121.	1.1	67
124	Plasma B Lymphocyte Stimulator and B Cell Differentiation in Idiopathic Pulmonary Fibrosis Patients. Journal of Immunology, 2013, 191, 2089-2095.	0.4	142
125	Response. Chest, 2013, 143, 1517-1518.	0.4	0
126	Increased Matrix Metalloproteinase (MMPs) Levels Do Not Predict Disease Severity or Progression in Emphysema. PLoS ONE, 2013, 8, e56352.	1.1	43

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127	Interstitial Lung Abnormalities and Reduced Exercise Capacity. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 756-762.	2.5	106
128	Clinical Year in Review III. Proceedings of the American Thoracic Society, 2012, 9, 197-203.	3.5	0
129	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
130	Long-term Comparative Immunogenicity of Protein Conjugate and Free Polysaccharide Pneumococcal Vaccines in Chronic Obstructive Pulmonary Disease. Clinical Infectious Diseases, 2012, 55, e35-e44.	2.9	50
131	Classification of CT examinations for COPD visual severity analysis. , 2012, , .		0
132	Cardiopulmonary function in individuals with HIV infection in the antiretroviral therapy era. Aids, 2012, 26, 731-740.	1.0	76
133	The Relationship Between Pulmonary Emphysema and Kidney Function in Smokers. Chest, 2012, 142, 655-662.	0.4	37
134	Relationship Between Lung Function Impairment and Health-Related Quality of Life in COPD and Interstitial Lung Disease. Chest, 2012, 142, 704-711.	0.4	28
135	Learning from the Learning Effect in the Six-Minute-Walk Test. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 684-684.	2.5	6
136	Three-dimensional Airway Tree Architecture and Pulmonary Function. Academic Radiology, 2012, 19, 1395-1401.	1.3	12
137	Lung deflation and oxygen pulse in COPD: Results from the NETT randomized trial. Respiratory Medicine, 2012, 106, 109-119.	1.3	33
138	Outcomes of Noninvasive Ventilation for Acute Exacerbations of Chronic Obstructive Pulmonary Disease in the United States, 1998â€“2008. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 152-159.	2.5	330
139	Optimizing the 6-Min Walk Test as a Measure of Exercise Capacity in COPD. Chest, 2012, 142, 1545-1552.	0.4	27
140	Asthma diagnosis and airway bronchodilator response in HIV-infected patients. Journal of Allergy and Clinical Immunology, 2012, 129, 708-714.e8.	1.5	62
141	Deglutitive Subglottic Air Pressure and Respiratory System Recoil. Dysphagia, 2012, 27, 452-459.	1.0	20
142	Influence of Lightweight Ambulatory Oxygen on Oxygen Use and Activity Patterns of COPD Patients Receiving Long-Term Oxygen Therapy. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2012, 9, 3-11.	0.7	50
143	Lung Volumes and Emphysema in Smokers with Interstitial Lung Abnormalities. New England Journal of Medicine, 2011, 364, 897-906.	13.9	468
144	Distribution of Pneumocystis jirovecii in lungs from colonized COPD patients. Diagnostic Microbiology and Infectious Disease, 2011, 71, 24-28.	0.8	19

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145	Azithromycin for Prevention of Exacerbations of COPD. New England Journal of Medicine, 2011, 365, 689-698.	13.9	1,057
146	Bone Wasting Associated with Emphysema Even in Subjects without Whole Body Wasting. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1088-1089.	2.5	0
147	Quantitative Computed Tomography Analysis, Airflow Obstruction, and Lung Cancer in the Pittsburgh Lung Screening Study. Journal of Thoracic Oncology, 2011, 6, 1200-1205.	0.5	50
148	A new perspective on optimal care for patients with COPD. Primary Care Respiratory Journal: Journal of the General Practice Airways Group, 2011, 20, 205-209.	2.5	35
149	A Differential Geometric Approach to Automated Segmentation of Human Airway Tree. IEEE Transactions on Medical Imaging, 2011, 30, 266-278.	5.4	44
150	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
151	Endothelial Chronic Destructive Pulmonary Disease (E-CDPD): Is Endothelial Apoptosis a Subphenotype or Prequel to COPD?. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 153-155.	2.5	8
152	Quantitative computed tomography of lung parenchyma in patients with emphysema: analysis of higher-density lung regions. Proceedings of SPIE, 2011, , .	0.8	1
153	Randomized Trial of Zileuton for Treatment of COPD Exacerbations Requiring Hospitalization. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2011, 8, 21-29.	0.7	33
154	The HLA Class II Allele DRB1*1501 Is Over-Represented in Patients with Idiopathic Pulmonary Fibrosis. PLoS ONE, 2011, 6, e14715.	1.1	51
155	Elevated N-Terminal Pro-Brain Natriuretic Peptide Is Associated with Mortality in Tobacco Smokers Independent of Airflow Obstruction. PLoS ONE, 2011, 6, e27416.	1.1	7
156	Two-dimensional airway analysis using probabilistic neural networks. Proceedings of SPIE, 2010, , .	0.8	0
157	Computerized assessment of pulmonary fissure integrity using high resolution CT. Medical Physics, 2010, 37, 4661-4672.	1.6	18
158	Radiographic Emphysema Independently Predicts Low Bone Mineral Density In Chronic Obstructive Pulmonary Disease. , 2010, , .		1
159	Physical Activity, Health Status and Risk of Hospitalization in Patients with Severe Chronic Obstructive Pulmonary Disease. Respiration, 2010, 80, 10-18.	1.2	73
160	Oxygen Consumption, Shuttle Walking Test and the Evaluation of Lung Resection. Respiration, 2010, 80, 19-23.	1.2	36
161	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
162	Plasma Inflammatory Mediators Associated with Bone Metabolism in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2010, 7, 186-191.	0.7	23

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163	PersistentPneumocystisColonization 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
164	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
165	A Randomized Study of Endobronchial Valves for Advanced Emphysema. New England Journal of Medicine, 2010, 363, 1233-1244.	13.9	704
166	Identification of Early Interstitial Lung Disease in Smokers from the COPDGene Study. Academic Radiology, 2010, 17, 48-53.	1.3	175
167	Perfusion Scintigraphy and Patient Selection for Lung Volume Reduction Surgery. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 937-946.	2.5	43
168	Physical inactivity in patients with COPD, a controlled multi-center pilot-study. Respiratory Medicine, 2010, 104, 1005-1011.	1.3	303
169	Chronic Obstructive Pulmonary Disease Phenotypes. American Journal of Respiratory and Critical Care Medicine, 2010, 182, 598-604.	2.5	898
170	Anxiety is associated with diminished exercise performance and quality of life in severe emphysema: a cross-sectional study. Respiratory Research, 2010, 11, 29.	1.4	71
171	The Influence of Radiographic Phenotype and Smoking Status on Peripheral Blood Biomarker Patterns in Chronic Obstructive Pulmonary Disease. PLoS ONE, 2009, 4, e6865.	1.1	45
172	Clinical Significance of Radiologic Characterizations in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2009, 6, 459-467.	0.7	85
173	Peripheral T Cell Functions Correlate with the Severity of Chronic Obstructive Pulmonary Disease. Journal of Immunology, 2009, 182, 3270-3277.	0.4	81
174	Association between lung function and airway wall density. Proceedings of SPIE, 2009, , .	0.8	2
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