

Frank C Sciurba

List of Publications by Year in descending order

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Version: 2024-02-01

258
papers

25,350
citations

9264

74
h-index

7160

153
g-index

261
all docs

261
docs citations

261
times ranked

21336
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. | 5.6 | 21 |
| 2 | Extracellular Release of Mitochondrial DNA: Triggered by Cigarette Smoke and Detected in COPD. Cells, 2022, 11, 369. | 4.1 | 22 |
| 3 | Genetic determinants of telomere length from 109,122 ancestrally diverse whole-genome sequences in TOPMed. Cell Genomics, 2022, 2, 100084. | 6.5 | 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. | 2.6 | 6 |
| 5 | Lung tissue shows divergent gene expression between chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis. Respiratory Research, 2022, 23, 97. | 3.6 | 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, , . | 0.7 | 0 |
| 7 | Gene coexpression networks reveal novel molecular endotypes in alpha-1 antitrypsin deficiency. Thorax, 2021, 76, 134-143. | 5.6 | 5 |
| 8 | Improving clinical disease subtyping and future events prediction through a chest CTâ€based deep learning approach. Medical Physics, 2021, 48, 1168-1181. | 3.0 | 11 |
| 9 | Automated quantification of COVID-19 severity and progression using chest CT images. European Radiology, 2021, 31, 436-446. | 4.5 | 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. | 0.7 | 24 |
| 11 | Elevated plasma level of Pentraxin 3 is associated with emphysema and mortality in smokers. Thorax, 2021, 76, 335-342. | 5.6 | 15 |
| 12 | Adenine nucleotide translocase regulates airway epithelial metabolism, surface hydration and ciliary function. Journal of Cell Science, 2021, 134, . | 2.0 | 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. | 2.6 | 5 |
| 14 | Soluble receptor for advanced glycation end products (sRAGE) as a biomarker of COPD. Respiratory Research, 2021, 22, 127. | 3.6 | 26 |
| 15 | Single cell RNA sequencing identifies IGFBP5 and QKI as ciliated epithelial cell genes associated with severe COPD. Respiratory Research, 2021, 22, 100. | 3.6 | 18 |
| 16 | Mepolizumab for Eosinophil-Associated COPD: Analysis of METREX and METREO. International Journal of COPD, 2021, Volume 16, 1755-1770. | 2.3 | 30 |
| 17 | Objectively Measured Physical Activity as a COPD Clinical Trial Outcome. Chest, 2021, 160, 2080-2100. | 0.8 | 17 |
| 18 | A pilot study: Quantify lung volume and emphysema extent directly from twoâ€dimensional scout images. Medical Physics, 2021, 48, 4316-4325. | 3.0 | 5 |

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|----|---|-----|-----------|
| 19 | HLA-C and KIR permutations influence chronic obstructive pulmonary disease risk. JCI Insight, 2021, 6, . | 5.0 | 3 |
| 20 | The Association Between Lung Hyperinflation and Coronary Artery Disease in Smokers. Chest, 2021, 160, 858-871. | 0.8 | 7 |
| 21 | Association of Systemic Inflammation with Depressive Symptoms in Individuals with COPD. International Journal of COPD, 2021, Volume 16, 2515-2522. | 2.3 | 11 |
| 22 | Unpaired data empowers association tests. Bioinformatics, 2021, 37, 785-792. | 4.1 | 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. | 5.6 | 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. | 5.6 | 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. | 5.6 | 3 |
| 27 | The effects of lung volume reduction treatment on diffusing capacity and gas exchange. European Respiratory Review, 2020, 29, 190171. | 7.1 | 5 |
| 28 | <p>>Two-Year Outcomes for the Double-Blind, Randomized, Sham-Controlled Study of Targeted Lung Denervation in Patients with Moderate to Severe COPD: AIRFLOW-2</p>>. International Journal of COPD, 2020, Volume 15, 2807-2816. | 2.3 | 16 |
| 29 | Serum IgG Levels and Risk of COPD Hospitalization. Chest, 2020, 158, 1420-1430. | 0.8 | 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. | 3.6 | 25 |
| 31 | Any unique image biomarkers associated with COVID-19?. European Radiology, 2020, 30, 6221-6227. | 4.5 | 36 |
| 32 | Concerns About Coronavirus Diseaseâ€“Related Collateral Damage for Patients With COPD. Chest, 2020, 158, 866-868. | 0.8 | 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. | 5.6 | 62 |
| 34 | Endobronchial coils for emphysema: Dual mechanism of action on lobar residual volume reduction. Respirology, 2020, 25, 1160-1166. | 2.3 | 12 |
| 35 | CD70 Activation Decreases Pulmonary Fibroblast Production of Extracellular Matrix Proteins. American Journal of Respiratory Cell and Molecular Biology, 2020, 63, 255-265. | 2.9 | 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. | 3.2 | 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, . | 5.0 | 13 |
| 38 | Deep neural network analyses of spirometry for structural phenotyping of chronic obstructive pulmonary disease. JCI Insight, 2020, 5, . | 5.0 | 23 |
| 39 | A Risk Prediction Model for Mortality Among Smokers in the COPDGeneÂ® Study. Chronic Obstructive Pulmonary Diseases (Miami, Fla), 2020, 7, 346-361. | 0.7 | 9 |
| 40 | Glucose-Regulated Protein 78 Autoantibodies Are Associated with Carotid Atherosclerosis in Chronic Obstructive Pulmonary Disease Patients. ImmunoHorizons, 2020, 4, 108-118. | 1.8 | 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. | 3.6 | 11 |
| 43 | Metoprolol for the Prevention of Acute Exacerbations of COPD. New England Journal of Medicine, 2019, 381, 2304-2314. | 27.0 | 111 |
| 44 | Lung Function, Coronary Artery Disease, and Mortality in HIV. Annals of the American Thoracic Society, 2019, 16, 687-697. | 3.2 | 15 |
| 45 | Benralizumab for the Prevention of COPD Exacerbations. New England Journal of Medicine, 2019, 381, 1023-1034. | 27.0 | 180 |
| 46 | Predictors of Response to Endobronchial Coil Therapy in Patients With Advanced Emphysema. Chest, 2019, 155, 928-937. | 0.8 | 29 |
| 47 | Endoscopic Lung Volume Reduction: An Expert Panel Recommendation â€‘ Update 2019. Respiration, 2019, 97, 548-557. | 2.6 | 72 |
| 48 | The Peak Index: Spirometry Metric for Airflow Obstruction Severity and Heterogeneity. Annals of the American Thoracic Society, 2019, 16, 982-989. | 3.2 | 8 |
| 49 | Diagnosis and Outpatient Management of Chronic Obstructive Pulmonary Disease. JAMA - Journal of the American Medical Association, 2019, 321, 786. | 7.4 | 159 |
| 50 | Bronchoscopic device intervention in chronic obstructive pulmonary disease. Current Opinion in Pulmonary Medicine, 2019, 25, 201-210. | 2.6 | 4 |
| 51 | Mixed graphical models for integrative causal analysis with application to chronic lung disease diagnosis and prognosis. Bioinformatics, 2019, 35, 1204-1212. | 4.1 | 63 |
| 52 | Frailty and Clinical Outcomes in Chronic Obstructive Pulmonary Disease. Annals of the American Thoracic Society, 2019, 16, 217-224. | 3.2 | 75 |
| 53 | The SCFFBXO3 ubiquitin E3 ligase regulates inflammation in atherosclerosis. Journal of Molecular and Cellular Cardiology, 2019, 126, 50-59. | 1.9 | 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. | 0.7 | 3 |

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|----|---|-----|-----------|
| 55 | Features of COPD as Predictors of Lung Cancer. Chest, 2018, 153, 1326-1335. | 0.8 | 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. | 3.2 | 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. | 2.9 | 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. | 3.2 | 8 |
| 59 | Lobar Emphysema Distribution Is Associated With 5-Year Radiological Disease Progression. Chest, 2018, 153, 65-76. | 0.8 | 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. | 0.7 | 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. | 0.5 | 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. | 2.9 | 7 |
| 63 | New Spirometry Indices for Detecting Mild Airflow Obstruction. Scientific Reports, 2018, 8, 17484. | 3.3 | 21 |
| 64 | The DNA repair transcriptome in severe COPD. European Respiratory Journal, 2018, 52, 1701994. | 6.7 | 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. | 5.6 | 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. | 4.0 | 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. | 5.6 | 132 |
| 68 | Subject2Vec: Generative-Discriminative Approach from a Set of Image Patches to a Vector. Lecture Notes in Computer Science, 2018, 11070, 502-510. | 1.3 | 10 |
| 69 | Extreme Trait Whole-Genome Sequencing Identifies <i>PTPRO</i> as a Novel Candidate Gene in Emphysema with Severe Airflow Obstruction. American Journal of Respiratory and Critical Care Medicine, 2017, 196, 159-171. | 5.6 | 27 |
| 70 | EnRAGEed Kidneys in Chronic Obstructive Pulmonary Disease?. American Journal of Respiratory and Critical Care Medicine, 2017, 195, 1411-1413. | 5.6 | 1 |
| 71 | Mediastinal and Subcutaneous Chest Fat Are Differentially Associated with Emphysema Progression and Clinical Outcomes in Smokers. Respiration, 2017, 94, 501-509. | 2.6 | 6 |
| 72 | Effect of beta-blockers on exacerbation rate and lung function in chronic obstructive pulmonary disease (COPD). Respiratory Research, 2017, 18, 124. | 3.6 | 30 |

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|----|--|------|-----------|
| 73 | The St. George's Respiratory Questionnaire Appendix to the Food and Drug Administration Draft Guidance on COPD. Chest, 2017, 152, 914-916. | 0.8 | 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. | 2.5 | 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. | 7.4 | 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. | 5.6 | 110 |
| 77 | <scp>COPD</scp> phenotypes in a lung cancer screening population. Clinical Respiratory Journal, 2016, 10, 48-53. | 1.6 | 9 |
| 78 | A Randomized Trial of Long-Term Oxygen for COPD with Moderate Desaturation. New England Journal of Medicine, 2016, 375, 1617-1627. | 27.0 | 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. | 2.0 | 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. | 5.6 | 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. | 5.6 | 44 |
| 82 | Bronchoscopic Lung Volume Reduction in COPD. JAMA - Journal of the American Medical Association, 2016, 315, 139. | 7.4 | 17 |
| 83 | Integrative phenotyping framework (iPF): integrative clustering of multiple omics data identifies novel lung disease subphenotypes. BMC Genomics, 2015, 16, 924. | 2.8 | 76 |
| 84 | Determining the Role of Dynamic Hyperinflation in Patients with Severe Chronic Obstructive Pulmonary Disease. Respiration, 2015, 90, 306-313. | 2.6 | 21 |
| 85 | An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. European Respiratory Review, 2015, 24, 159-172. | 7.1 | 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. | 5.6 | 166 |
| 87 | An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. European Respiratory Journal, 2015, 45, 879-905. | 6.7 | 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. | 3.2 | 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. | 3.2 | 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. | 3.2 | 16 |

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|-----|---|------|-----------|
| 91 | Assessment of microRNA differential expression and detection in multiplexed small RNA sequencing data. <i>Rna</i> , 2015, 21, 164-171. | 3.5 | 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 . <i>Chronic Obstructive Pulmonary Diseases</i> (Miami, Fla), 2015, 2, 313-320. | 0.7 | 8 |
| 93 | Pulmonary Fissure Integrity and Collateral Ventilation in COPD Patients. <i>PLoS ONE</i> , 2014, 9, e96631. | 2.5 | 22 |
| 94 | Autoreactivity to Glucose Regulated Protein 78 Links Emphysema and Osteoporosis in Smokers. <i>PLoS ONE</i> , 2014, 9, e105066. | 2.5 | 15 |
| 95 | Non-emphysematous chronic obstructive pulmonary disease is associated with diabetes mellitus. <i>BMC Pulmonary Medicine</i> , 2014, 14, 164. | 2.0 | 55 |
| 96 | Direct assessment of lung function in COPD using CT densitometric measures. <i>Physiological Measurement</i> , 2014, 35, 833-845. | 2.1 | 15 |
| 97 | Biomechanical Properties of the Skin in Cutis Laxa. <i>Journal of Investigative Dermatology</i> , 2014, 134, 2836-2838. | 0.7 | 11 |
| 98 | 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. | 6.7 | 1,663 |
| 99 | Cluster analysis in the COPDGene study identifies subtypes of smokers with distinct patterns of airway disease and emphysema. <i>Thorax</i> , 2014, 69, 416-423. | 5.6 | 128 |
| 100 | <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. | 1.4 | 29 |
| 101 | Contributors to diffusion impairment in HIV-infected persons. <i>European Respiratory Journal</i> , 2014, 43, 195-203. | 6.7 | 36 |
| 102 | Missing value imputation in high-dimensional phenomic data: imputable or not, and how?. <i>BMC Bioinformatics</i> , 2014, 15, 346. | 2.6 | 92 |
| 103 | Simvastatin for the Prevention of Exacerbations in Moderate-to-Severe COPD. <i>New England Journal of Medicine</i> , 2014, 370, 2201-2210. | 27.0 | 281 |
| 104 | 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. | 6.7 | 652 |
| 105 | Relationship of DNA Methylation and Gene Expression in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 1263-1272. | 5.6 | 140 |
| 106 | Target lobe volume reduction and COPD outcome measures after endobronchial valve therapy. <i>European Respiratory Journal</i> , 2014, 43, 387-396. | 6.7 | 73 |
| 107 | C-X-C Motif Chemokine 13 (CXCL13) Is a Prognostic Biomarker of Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 966-974. | 5.6 | 151 |
| 108 | Down-regulated Peroxisome Proliferator-activated Receptor γ (PPAR γ) in Lung Epithelial Cells Promotes a PPAR γ Agonist-reversible Proinflammatory Phenotype in Chronic Obstructive Pulmonary Disease (COPD). <i>Journal of Biological Chemistry</i> , 2014, 289, 6383-6393. | 3.4 | 63 |

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|-----|---|------|-----------|
| 109 | Bidirectional elastic image registration using B-spline affine transformation. Computerized Medical Imaging and Graphics, 2014, 38, 306-314. | 5.8 | 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. | 2.6 | 61 |
| 111 | Prediction of Acute Respiratory Disease in Current and Former Smokers With and Without COPD. Chest, 2014, 146, 941-950. | 0.8 | 71 |
| 112 | Impact of Emphysema Heterogeneity on Pulmonary Function. PLoS ONE, 2014, 9, e113320. | 2.5 | 29 |
| 113 | Assessment of lung volume collapsibility in chronic obstructive lung disease patients using CT. European Radiology, 2013, 23, 1564-1572. | 4.5 | 18 |
| 114 | Optimal threshold in CT quantification of emphysema. European Radiology, 2013, 23, 975-984. | 4.5 | 105 |
| 115 | The COPD Biomarker Qualification Consortium (CBQC). COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 10, 367-377. | 1.6 | 67 |
| 116 | Computerized identification of airway wall in CT examinations using a 3D active surface evolution approach. Medical Image Analysis, 2013, 17, 283-296. | 11.6 | 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. | 1.2 | 30 |
| 118 | Considerations and pitfalls in phenotyping and reclassification of chronic obstructive pulmonary disease. Translational Research, 2013, 162, 252-257. | 5.0 | 2 |
| 119 | A combinatorial F box protein directed pathway controls TRAF adaptor stability to regulate inflammation. Nature Immunology, 2013, 14, 470-479. | 14.5 | 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. | 5.6 | 165 |
| 121 | Paired inspiratory-expiratory chest CT scans to assess for small airways disease in COPD. Respiratory Research, 2013, 14, 42. | 3.6 | 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. | 5.6 | 0 |
| 123 | Comprehensive Clinical and Molecular Analysis of 12 Families with Type 1 Recessive Cutis Laxa. Human Mutation, 2013, 34, 111-121. | 2.5 | 67 |
| 124 | Plasma B Lymphocyte Stimulator and B Cell Differentiation in Idiopathic Pulmonary Fibrosis Patients. Journal of Immunology, 2013, 191, 2089-2095. | 0.8 | 142 |
| 125 | Response. Chest, 2013, 143, 1517-1518. | 0.8 | 0 |
| 126 | Increased Matrix Metalloproteinase (MMPs) Levels Do Not Predict Disease Severity or Progression in Emphysema. PLoS ONE, 2013, 8, e56352. | 2.5 | 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. | 5.6 | 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. | 1.6 | 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. | 5.8 | 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. | 2.2 | 76 |
| 133 | The Relationship Between Pulmonary Emphysema and Kidney Function in Smokers. Chest, 2012, 142, 655-662. | 0.8 | 37 |
| 134 | Relationship Between Lung Function Impairment and Health-Related Quality of Life in COPD and Interstitial Lung Disease. Chest, 2012, 142, 704-711. | 0.8 | 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. | 5.6 | 6 |
| 136 | Three-dimensional Airway Tree Architecture and Pulmonary Function. Academic Radiology, 2012, 19, 1395-1401. | 2.5 | 12 |
| 137 | Lung deflation and oxygen pulse in COPD: Results from the NETT randomized trial. Respiratory Medicine, 2012, 106, 109-119. | 2.9 | 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. | 5.6 | 330 |
| 139 | Optimizing the 6-Min Walk Test as a Measure of Exercise Capacity in COPD. Chest, 2012, 142, 1545-1552. | 0.8 | 27 |
| 140 | Asthma diagnosis and airway bronchodilator response in HIV-infected patients. Journal of Allergy and Clinical Immunology, 2012, 129, 708-714.e8. | 2.9 | 62 |
| 141 | Deglutitive Subglottic Air Pressure and Respiratory System Recoil. Dysphagia, 2012, 27, 452-459. | 1.8 | 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. | 1.6 | 50 |
| 143 | Lung Volumes and Emphysema in Smokers with Interstitial Lung Abnormalities. New England Journal of Medicine, 2011, 364, 897-906. | 27.0 | 468 |
| 144 | Distribution of Pneumocystis jirovecii in lungs from colonized COPD patients. Diagnostic Microbiology and Infectious Disease, 2011, 71, 24-28. | 1.8 | 19 |

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|-----|--|------|-----------|
| 145 | Azithromycin for Prevention of Exacerbations of COPD. New England Journal of Medicine, 2011, 365, 689-698. | 27.0 | 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. | 5.6 | 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. | 1.1 | 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. | 2.3 | 35 |
| 149 | A Differential Geometric Approach to Automated Segmentation of Human Airway Tree. IEEE Transactions on Medical Imaging, 2011, 30, 266-278. | 8.9 | 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. | 5.6 | 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. | 5.6 | 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. | 1.6 | 33 |
| 154 | The HLA Class II Allele DRB1*1501 Is Over-Represented in Patients with Idiopathic Pulmonary Fibrosis. PLoS ONE, 2011, 6, e14715. | 2.5 | 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. | 2.5 | 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. | 3.0 | 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. | 2.6 | 73 |
| 160 | Oxygen Consumption, Shuttle Walking Test and the Evaluation of Lung Resection. Respiration, 2010, 80, 19-23. | 2.6 | 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. | 5.6 | 184 |
| 162 | Plasma Inflammatory Mediators Associated with Bone Metabolism in COPD. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2010, 7, 186-191. | 1.6 | 23 |

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