

Stephen I Rennard

List of Publications by Citations

Source: <https://exaly.com/author-pdf/1393531/stephen-i-rennard-publications-by-citations.pdf>

Version: 2024-04-29

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

355
papers

19,734
citations

70
h-index

133
g-index

378
ext. papers

22,590
ext. citations

7.8
avg, IF

6.29
L-index

#	Paper	IF	Citations
355	Susceptibility to exacerbation in chronic obstructive pulmonary disease. <i>New England Journal of Medicine</i> , 2010 , 363, 1128-38	59.2	1840
354	A controlled trial of sustained-release bupropion, a nicotine patch, or both for smoking cessation. <i>New England Journal of Medicine</i> , 1999 , 340, 685-91	59.2	1244
353	Varenicline, an alpha4beta2 nicotinic acetylcholine receptor partial agonist, vs sustained-release bupropion and placebo for smoking cessation: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2006 , 296, 47-55	27.4	1044
352	Chronic obstructive pulmonary disease phenotypes: the future of COPD. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 598-604	10.2	678
351	Changes in forced expiratory volume in 1 second over time in COPD. <i>New England Journal of Medicine</i> , 2011 , 365, 1184-92	59.2	654
350	Persistent systemic inflammation is associated with poor clinical outcomes in COPD: a novel phenotype. <i>PLoS ONE</i> , 2012 , 7, e37483	3.7	521
349	The safety and efficacy of infliximab in moderate to severe chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 926-34	10.2	329
348	Efficacy and safety of the novel selective nicotinic acetylcholine receptor partial agonist, varenicline, for smoking cessation. <i>Archives of Internal Medicine</i> , 2006 , 166, 1571-7		290
347	Inflammatory biomarkers improve clinical prediction of mortality in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 1065-72	10.2	288
346	Airway wall thickening and emphysema show independent familial aggregation in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 500-5	10.2	235
345	Design of the Subpopulations and Intermediate Outcomes in COPD Study (SPIROMICS). <i>Thorax</i> , 2014 , 69, 491-4	7.3	212
344	Six-minute-walk test in chronic obstructive pulmonary disease: minimal clinically important difference for death or hospitalization. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 382-6	10.2	206
343	Predictors of exacerbation risk and response to budesonide in patients with chronic obstructive pulmonary disease: a post-hoc analysis of three randomised trials. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 117-126	35.1	202
342	Determinants of depression in the ECLIPSE chronic obstructive pulmonary disease cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 604-11	10.2	202
341	Genetic loci associated with chronic obstructive pulmonary disease overlap with loci for lung function and pulmonary fibrosis. <i>Nature Genetics</i> , 2017 , 49, 426-432	36.3	201
340	Reduction of exacerbations by the PDE4 inhibitor roflumilast--the importance of defining different subsets of patients with COPD. <i>Respiratory Research</i> , 2011 , 12, 18	7.3	194
339	The presence and progression of emphysema in COPD as determined by CT scanning and biomarker expression: a prospective analysis from the ECLIPSE study. <i>Lancet Respiratory Medicine</i> , 2013 , 1, 129-36	35.1	183

338	Antiinflammatory effects of the phosphodiesterase-4 inhibitor cilomilast (Ariflo) in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003 , 168, 976-82	10.2	182
337	Fractional processing of sequential bronchoalveolar lavage to separate bronchial and alveolar samples. <i>The American Review of Respiratory Disease</i> , 1990 , 141, 208-17		174
336	Predicting outcomes from 6-minute walk distance in chronic obstructive pulmonary disease. <i>Journal of the American Medical Directors Association</i> , 2012 , 13, 291-7	5.9	167
335	Comorbidities, patient knowledge, and disease management in a national sample of patients with COPD. <i>American Journal of Medicine</i> , 2009 , 122, 348-55	2.4	167
334	Reduced miR-146a increases prostaglandin E α chronic obstructive pulmonary disease fibroblasts. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 1020-9	10.2	160
333	COPD: the dangerous underestimate of 15%. <i>Lancet, The</i> , 2006 , 367, 1216-9	40	159
332	Efficacy and tolerability of budesonide/formoterol in one hydrofluoroalkane pressurized metered-dose inhaler in patients with chronic obstructive pulmonary disease: results from a 1-year randomized controlled clinical trial. <i>Drugs</i> , 2009 , 69, 549-65	12.1	156
331	Efficacy and safety of budesonide and formoterol in one pressurized metered-dose inhaler in patients with moderate to very severe chronic obstructive pulmonary disease: results of a 6-month randomized clinical trial. <i>Drugs</i> , 2008 , 68, 1975-2000	12.1	156
330	Budesonide and the risk of pneumonia: a meta-analysis of individual patient data. <i>Lancet, The</i> , 2009 , 374, 712-9	40	155
329	Effects of varenicline on smoking cessation in patients with mild to moderate COPD: a randomized controlled trial. <i>Chest</i> , 2011 , 139, 591-599	5.3	151
328	Frequency of exacerbations in patients with chronic obstructive pulmonary disease: an analysis of the SPIROMICS cohort. <i>Lancet Respiratory Medicine, the</i> , 2017 , 5, 619-626	35.1	148
327	CXCR2 Antagonist MK-7123. A Phase 2 Proof-of-Concept Trial for Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1001-11	10.2	144
326	Alternative mechanisms for long-acting beta(2)-adrenergic agonists in COPD. <i>Chest</i> , 2001 , 120, 258-70	5.3	142
325	Lung fibroblast repair functions in patients with chronic obstructive pulmonary disease are altered by multiple mechanisms. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 248-60	10.2	141
324	An Official American Thoracic Society/European Respiratory Society Statement: Research questions in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, e4-e27	10.2	137
323	Cells derived from the circulation contribute to the repair of lung injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 170, 1158-63	10.2	137
322	Early chronic obstructive pulmonary disease: definition, assessment, and prevention. <i>Lancet, The</i> , 2015 , 385, 1778-1788	40	136
321	Prostaglandin E(2) inhibits fibroblast chemotaxis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2001 , 281, L1257-63	5.8	132

320	Cigarette smoke inhibits human bronchial epithelial cell repair processes. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001 , 25, 772-9	5.7	130
319	Evaluation of elastase and antielastase balance in patients with chronic bronchitis and pulmonary emphysema. <i>The American Review of Respiratory Disease</i> , 1990 , 142, 57-62		125
318	Effect of varenicline on smoking cessation through smoking reduction: a randomized clinical trial. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 687-94	27.4	124
317	Are higher doses of nicotine replacement more effective for smoking cessation?. <i>Nicotine and Tobacco Research</i> , 1999 , 1, 169-74	4.9	122
316	Pathogenesis of COPD. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2005 , 26, 142-53	3.9	120
315	Genetic landscape of chronic obstructive pulmonary disease identifies heterogeneous cell-type and phenotype associations. <i>Nature Genetics</i> , 2019 , 51, 494-505	36.3	119
314	Should we view chronic obstructive pulmonary disease differently after ECLIPSE? A clinical perspective from the study team. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014 , 189, 1022-30	10.2	117
313	Efficacy and safety of fixed-dose combinations of aclidinium bromide/formoterol fumarate: the 24-week, randomized, placebo-controlled AUGMENT COPD study. <i>Respiratory Research</i> , 2014 , 15, 123	7.3	117
312	Quantitative computed tomography measures of pectoralis muscle area and disease severity in chronic obstructive pulmonary disease. A cross-sectional study. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 326-34	4.7	116
311	Systemic soluble receptor for advanced glycation endproducts is a biomarker of emphysema and associated with AGER genetic variants in patients with chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 948-57	10.2	116
310	Long-term safety and efficacy of indacaterol, a long-acting β_2 agonist, in subjects with COPD: a randomized, placebo-controlled study. <i>Chest</i> , 2011 , 140, 68-75	5.3	115
309	Augmentation of functional prostaglandin E levels on the respiratory epithelial surface by aerosol administration of prostaglandin E. <i>The American Review of Respiratory Disease</i> , 1991 , 144, 1080-4		113
308	TH2 Cytokine-enhanced and TGF-beta-enhanced vascular endothelial growth factor production by cultured human airway smooth muscle cells is attenuated by IFN-gamma and corticosteroids. <i>Journal of Allergy and Clinical Immunology</i> , 2003 , 111, 1307-18	11.5	108
307	An official American Thoracic Society/European Respiratory Society statement: research questions in COPD. <i>European Respiratory Journal</i> , 2015 , 45, 879-905	13.6	107
306	Matrix metalloproteinase-9 activates TGF- β and stimulates fibroblast contraction of collagen gels. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 306, L1006-15	5.8	105
305	Lessons from ECLIPSE: a review of COPD biomarkers. <i>Thorax</i> , 2014 , 69, 666-72	7.3	102
304	Extended therapy with ipratropium is associated with improved lung function in patients with COPD. A retrospective analysis of data from seven clinical trials. <i>Chest</i> , 1996 , 110, 62-70	5.3	101
303	Regulation of fibroblast proliferation in three-dimensional collagen gel matrix. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1996 , 32, 427-33	2.6	98

302	Cigarette smoke inhibits alveolar repair: a mechanism for the development of emphysema. <i>Proceedings of the American Thoracic Society</i> , 2006 , 3, 703-8		95
301	At the Root: Defining and Halting Progression of Early Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 1540-1551	10.2	94
300	Identification of five chronic obstructive pulmonary disease subgroups with different prognoses in the ECLIPSE cohort using cluster analysis. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 303-12	4.7	93
299	Cilomilast for COPD: results of a 6-month, placebo-controlled study of a potent, selective inhibitor of phosphodiesterase 4. <i>Chest</i> , 2006 , 129, 56-66	5.3	92
298	Cigarette smoke extract induces DNA damage but not apoptosis in human bronchial epithelial cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2005 , 33, 121-9	5.7	92
297	Comparison of spatially matched airways reveals thinner airway walls in COPD. The Multi-Ethnic Study of Atherosclerosis (MESA) COPD Study and the Subpopulations and Intermediate Outcomes in COPD Study (SPIROMICS). <i>Thorax</i> , 2014 , 69, 987-96	7.3	86
296	The breathlessness, cough, and sputum scale: the development of empirically based guidelines for interpretation. <i>Chest</i> , 2003 , 124, 2182-91	5.3	86
295	Efficacy and Safety of Glycopyrrolate/Formoterol Metered Dose Inhaler Formulated Using Co-Suspension Delivery Technology in Patients With COPD. <i>Chest</i> , 2017 , 151, 340-357	5.3	82
294	The future of chronic obstructive pulmonary disease treatment--difficulties of and barriers to drug development. <i>Lancet, The</i> , 2011 , 378, 1027-37	4.0	78
293	The many "small COPDs": COPD should be an orphan disease. <i>Chest</i> , 2008 , 134, 623-627	5.3	78
292	A dose-ranging study of indacaterol in obstructive airways disease, with a tiotropium comparison. <i>Respiratory Medicine</i> , 2008 , 102, 1033-44	4.6	76
291	PDE4 inhibitors attenuate fibroblast chemotaxis and contraction of native collagen gels. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002 , 26, 694-701	5.7	76
290	Interleukin-4- and interleukin-13-enhanced transforming growth factor-beta2 production in cultured human bronchial epithelial cells is attenuated by interferon-gamma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002 , 26, 484-90	5.7	75
289	Plasma Fibrinogen Qualification as a Drug Development Tool in Chronic Obstructive Pulmonary Disease. Perspective of the Chronic Obstructive Pulmonary Disease Biomarker Qualification Consortium. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 607-13	10.2	74
288	Biomarkers Predictive of Exacerbations in the SPIROMICS and COPD Gene Cohorts. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 473-481	10.2	73
287	Bronchial epithelial cells produce lung fibroblast chemotactic factor: fibronectin. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1989 , 1, 13-20	5.7	72
286	Reversible cigarette smoke extract-induced DNA damage in human lung fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004 , 31, 483-90	5.7	71
285	Targeting smokers at increased risk for relapse: treating women and those with a history of depression. <i>Nicotine and Tobacco Research</i> , 2003 , 5, 99-109	4.9	70

284	Treatment of stable chronic obstructive pulmonary disease. <i>Lancet, The</i> , 2004 , 364, 791-802	4.0	68
283	Biomarkers to assess the utility of potential reduced exposure tobacco products. <i>Nicotine and Tobacco Research</i> , 2006 , 8, 600-22	4.9	66
282	Inflammation in COPD: implications for management. <i>American Journal of Medicine</i> , 2012 , 125, 1162-70	2.4	65
281	Smad3 mediates TGF-beta1 induction of VEGF production in lung fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2005 , 327, 393-8	3.4	64
280	Common Genetic Polymorphisms Influence Blood Biomarker Measurements in COPD. <i>PLoS Genetics</i> , 2016 , 12, e1006011	6	64
279	A randomized placebo-controlled trial of varenicline for smoking cessation allowing flexible quit dates. <i>Nicotine and Tobacco Research</i> , 2012 , 14, 343-50	4.9	63
278	A New Approach for Identifying Patients with Undiagnosed Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 748-756	10.2	62
277	Influence of diet and obesity on COPD development and outcomes. <i>International Journal of COPD</i> , 2014 , 9, 723-33	3	62
276	Complete resolution of roentgenographic changes in a patient with pulmonary histiocytosis X. <i>Chest</i> , 1990 , 98, 765-7	5.3	62
275	Smoking duration alone provides stronger risk estimates of chronic obstructive pulmonary disease than pack-years. <i>Thorax</i> , 2018 , 73, 414-421	7.3	60
274	Efficacy of the nicotine inhaler in smoking reduction: A double-blind, randomized trial. <i>Nicotine and Tobacco Research</i> , 2006 , 8, 555-64	4.9	58
273	Identifying a gene expression signature of frequent COPD exacerbations in peripheral blood using network methods. <i>BMC Medical Genomics</i> , 2015 , 8, 1	3.7	57
272	The 6-Minute-Walk Distance Test as a Chronic Obstructive Pulmonary Disease Stratification Tool. Insights from the COPD Biomarker Qualification Consortium. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 1483-1493	10.2	57
271	The COPD Biomarker Qualification Consortium (CBQC). <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2013 , 10, 367-77	2	57
270	Cytokine inhibition of fibroblast-induced gel contraction is mediated by PGE(2) and NO acting through separate parallel pathways. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001 , 25, 245-53	5.7	57
269	Prognostic value of variables derived from the six-minute walk test in patients with COPD: Results from the ECLIPSE study. <i>Respiratory Medicine</i> , 2015 , 109, 1138-46	4.6	56
268	Plasma Fibrinogen as a Biomarker for Mortality and Hospitalized Exacerbations in People with COPD. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2015 , 2, 23-34	2.7	56
267	MicroRNA-146a modulates human bronchial epithelial cell survival in response to the cytokine-induced apoptosis. <i>Biochemical and Biophysical Research Communications</i> , 2009 , 380, 177-82	3.4	56

266	NF-kappaB mediates the survival of human bronchial epithelial cells exposed to cigarette smoke extract. <i>Respiratory Research</i> , 2008 , 9, 66	7.3	56
265	The CC chemokine ligand 2 (CCL2) mediates fibroblast survival through IL-6. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 37, 121-8	5.7	56
264	Th2 cytokine regulation of type I collagen gel contraction mediated by human lung mesenchymal cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002 , 282, L1049-56	5.8	55
263	Chicken soup inhibits neutrophil chemotaxis in vitro. <i>Chest</i> , 2000 , 118, 1150-7	5.3	55
262	Human airway branch variation and chronic obstructive pulmonary disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, E974-E981	11.5	53
261	Smad3 mediates TGF-beta1-induced collagen gel contraction by human lung fibroblasts. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 339, 290-5	3.4	50
260	Efficacy of varenicline to prompt quit attempts in smokers not currently trying to quit: a randomized placebo-controlled trial. <i>Nicotine and Tobacco Research</i> , 2011 , 13, 955-64	4.9	49
259	Natural histories of chronic obstructive pulmonary disease. <i>Proceedings of the American Thoracic Society</i> , 2008 , 5, 878-83		49
258	Proposal for a multidimensional staging system for chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2005 , 99, 1546-54	4.6	49
257	Biomarkers to assess the utility of potential reduced exposure tobacco products. <i>Nicotine and Tobacco Research</i> , 2006 , 8, 169-91	4.9	48
256	Modulation of fibronectin production of bovine bronchial epithelial cells by transforming growth factor-beta. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992 , 7, 149-55	5.7	48
255	Organic dust toxic syndrome: an acute febrile reaction to organic dust exposure distinct from hypersensitivity pneumonitis. <i>Journal of Toxicology: Clinical Toxicology</i> , 1990 , 28, 389-420		48
254	What have we learned from large drug treatment trials in COPD?. <i>Lancet, The</i> , 2007 , 370, 774-85	4.0	47
253	Vitamin D modulates prostaglandin E2 synthesis and degradation in human lung fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014 , 50, 40-50	5.7	46
252	Treatment of chronic obstructive pulmonary disease with roflumilast, a new phosphodiesterase 4 inhibitor. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2010 , 7, 141-53	2	46
251	Reactive nitrogen species augment fibroblast-mediated collagen gel contraction, mediator production, and chemotaxis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006 , 34, 592-9	5.7	46
250	A simplified score to quantify comorbidity in COPD. <i>PLoS ONE</i> , 2014 , 9, e114438	3.7	44
249	Serum-free culture of fractionated bovine bronchial epithelial cells. <i>In Vitro Cellular & Developmental Biology</i> , 1992 , 28A, 39-46		43

248	Determinants of Response to Roflumilast in Severe Chronic Obstructive Pulmonary Disease. Pooled Analysis of Two Randomized Trials. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1268-1278	10.2	43
247	Sarcopenic Obesity, Functional Outcomes, and Systemic Inflammation in Patients With Chronic Obstructive Pulmonary Disease. <i>Journal of the American Medical Directors Association</i> , 2016 , 17, 712-8	5.9	41
246	Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. <i>Thorax</i> , 2017 , 72, 998-1006	7.3	40
245	One-year change in health status and subsequent outcomes in COPD. <i>Thorax</i> , 2015 , 70, 420-5	7.3	40
244	Cultured lung fibroblasts from ovalbumin-challenged "asthmatic" mice differ functionally from normal. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 37, 424-30	5.7	40
243	Cytotoxicity and gene expression changes induced by inorganic and organic trivalent arsenicals in human cells. <i>Toxicology</i> , 2013 , 312, 18-29	4.4	39
242	Introducing the COPD Foundation Guide for Diagnosis and Management of COPD, recommendations of the COPD Foundation. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2013 , 10, 378-89	2	39
241	The bronchitis index. A semiquantitative visual scale for the assessment of airways inflammation. <i>Chest</i> , 1993 , 103, 1482-8	5.3	39
240	Sexually-dimorphic targeting of functionally-related genes in COPD. <i>BMC Systems Biology</i> , 2014 , 8, 118	3.5	38
239	Exacerbations and progression of disease in asthma and chronic obstructive pulmonary disease. <i>Proceedings of the American Thoracic Society</i> , 2004 , 1, 88-92		38
238	Cigarette smoke in research. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2004 , 31, 479-80	5.7	38
237	Nerve growth factor stimulates fibronectin-induced fibroblast migration. <i>Translational Research</i> , 2002 , 140, 329-35		38
236	Activation of protein kinase A accelerates bovine bronchial epithelial cell migration. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002 , 282, L1108-16	5.8	38
235	Transforming growth factor-beta stimulates the expression of desmosomal proteins in bronchial epithelial cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 1992 , 6, 439-45	5.7	38
234	Exome Array Analysis Identifies a Common Variant in IL27 Associated with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 48-57	10.2	37
233	N-acetyl-L-cysteine inhibits TGF-beta1-induced profibrotic responses in fibroblasts. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009 , 22, 487-91	3.5	37
232	Looking at the patient--approaching the problem of COPD. <i>New England Journal of Medicine</i> , 2004 , 350, 965-6	59.2	37
231	The Relationship between Dietary Fiber Intake and Lung Function in the National Health and Nutrition Examination Surveys. <i>Annals of the American Thoracic Society</i> , 2016 , 13, 643-50	4.7	36

230	ACCORD COPD II: a randomized clinical trial to evaluate the 12-week efficacy and safety of twice-daily acclidinium bromide in chronic obstructive pulmonary disease patients. <i>Clinical Drug Investigation</i> , 2013 , 33, 893-904	3.2	36
229	The efficacy and safety of cilomilast in COPD. <i>Drugs</i> , 2008 , 68 Suppl 2, 3-57	12.1	36
228	Smad3 mediates the TGF-beta-induced contraction of type I collagen gels by mouse embryo fibroblasts. <i>Cytoskeleton</i> , 2003 , 54, 248-53		36
227	Deterioration of Limb Muscle Function during Acute Exacerbation of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 433-449	10.2	35
226	It's more than low BMI: prevalence of cachexia and associated mortality in COPD. <i>Respiratory Research</i> , 2019 , 20, 100	7.3	34
225	Chest CT measures of muscle and adipose tissue in COPD: gender-based differences in content and in relationships with blood biomarkers. <i>Academic Radiology</i> , 2014 , 21, 1255-61	4.3	34
224	Genetic control of gene expression at novel and established chronic obstructive pulmonary disease loci. <i>Human Molecular Genetics</i> , 2015 , 24, 1200-10	5.6	33
223	Cigarette smoke extract inhibits chemotaxis and collagen gel contraction mediated by human bone marrow osteoprogenitor cells and osteoblast-like cells. <i>Osteoporosis International</i> , 2003 , 14, 235-42	5.3	31
222	Glucocorticoids modulate TGF-beta production by human fetal lung fibroblasts. <i>Inflammation</i> , 2003 , 27, 9-19	5.1	30
221	Human bronchial epithelial cells modulate collagen gel contraction by fibroblasts. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998 , 274, L119-26	5.8	30
220	Chest computed tomography-derived low-fat-free mass index and mortality in COPD. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	29
219	Fibronectin production by cultured human lung fibroblasts in three-dimensional collagen gel culture. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 1998 , 34, 203-10	2.6	29
218	Prostacyclin analogs stimulate VEGF production from human lung fibroblasts in culture. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2008 , 294, L1226-32	5.8	29
217	Design of a multi-center immunophenotyping analysis of peripheral blood, sputum and bronchoalveolar lavage fluid in the Subpopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS). <i>Journal of Translational Medicine</i> , 2015 , 13, 19	8.5	28
216	Chronic obstructive pulmonary disease: linking outcomes and pathobiology of disease modification. <i>Proceedings of the American Thoracic Society</i> , 2006 , 3, 276-80		28
215	Glutathione prevents inhibition of fibroblast-mediated collagen gel contraction by cigarette smoke. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2002 , 283, L409-17	5.8	28
214	Glucocorticoids augment fibroblast-mediated contraction of collagen gels by inhibition of endogenous PGE production. <i>Proceedings of the Association of American Physicians</i> , 1999 , 111, 249-58		28
213	Glucocorticoids modulate TGF-beta production. <i>Inflammation</i> , 2002 , 26, 279-90	5.1	27

212	Cigarette smoke stimulates release of neutrophil chemotactic activity from cultured bovine bronchial epithelial cells. <i>Clinical Science</i> , 1995 , 88, 337-44	6.5	27
211	Persistent and Newly Developed Chronic Bronchitis Are Associated with Worse Outcomes in Chronic Obstructive Pulmonary Disease. <i>Annals of the American Thoracic Society</i> , 2016 , 13, 1016-25	4.7	27
210	The development of AZD7624 for prevention of exacerbations in COPD: a randomized controlled trial. <i>International Journal of COPD</i> , 2018 , 13, 1009-1019	3	26
209	Clinical approach to patients with chronic obstructive pulmonary disease and cardiovascular disease. <i>Proceedings of the American Thoracic Society</i> , 2005 , 2, 94-100		26
208	Retinoic acid attenuates cytokine-driven fibroblast degradation of extracellular matrix in three-dimensional culture. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2001 , 25, 620-7	5.7	26
207	Localization of the human fibronectin (FN) gene on chromosome 8 by a specific enzyme immunoassay. <i>Biochemical Genetics</i> , 1981 , 19, 551-66	2.4	25
206	Age-Related Differences in Health-Related Quality of Life in COPD: An Analysis of the COPD Gene and SPIROMICS Cohorts. <i>Chest</i> , 2016 , 149, 927-35	5.3	25
205	A randomised double-blind, placebo-controlled, long-term extension study of the efficacy, safety and tolerability of fixed-dose combinations of aclidinium/formoterol or monotherapy in the treatment of chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2017 , 125, 39-48	4.6	24
204	Prostaglandin E ₂ inhibits human lung fibroblast chemotaxis through disparate actions on different E-prostanoid receptors. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011 , 44, 99-107	5.7	24
203	Prostaglandin E ₂ stimulates the production of vascular endothelial growth factor through the E-prostanoid-2 receptor in cultured human lung fibroblasts. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 46, 217-23	5.7	24
202	TGF-beta1 and serum both stimulate contraction but differentially affect apoptosis in 3D collagen gels. <i>Respiratory Research</i> , 2005 , 6, 141	7.3	24
201	Effect of cigarette smoke on fibroblast-mediated gel contraction is dependent on cell density. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2003 , 284, L205-13	5.8	24
200	Glucocorticoids and TGF-beta1 synergize in augmenting fibroblast mediated contraction of collagen gels. <i>Inflammation</i> , 2001 , 25, 109-17	5.1	24
199	Patients with Chronic Obstructive Pulmonary Disease Walk with Altered Step Time and Step Width Variability as Compared with Healthy Control Subjects. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 858-866	4.7	23
198	Fibroblasts that resist cigarette smoke-induced senescence acquire profibrotic phenotypes. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 307, L364-73	5.8	23
197	Bronchodilator responsiveness and onset of effect with budesonide/formoterol pMDI in COPD. <i>Respiratory Medicine</i> , 2011 , 105, 1176-88	4.6	23
196	Prostacyclin analogs inhibit fibroblast contraction of collagen gels through the cAMP-PKA pathway. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2007 , 37, 113-20	5.7	23
195	Evaluation of subclinical respiratory tract inflammation in heavy smokers who switch to a cigarette-like nicotine delivery device that primarily heats tobacco. <i>Nicotine and Tobacco Research</i> , 2002 , 4, 467-76	4.9	23

194	Smoking cessation. <i>Clinics in Chest Medicine</i> , 2014 , 35, 165-76	5.3	22
193	Respiratory Symptoms Items from the COPD Assessment Test Identify Ever-Smokers with Preserved Lung Function at Higher Risk for Poor Respiratory Outcomes. An Analysis of the Subpopulations and Intermediate Outcome Measures in COPD Study Cohort. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 636-642	4.7	21
192	Selective migration of alpha-smooth muscle actin-positive myofibroblasts toward fibronectin in the Boyden® blindwell chamber. <i>Clinical Science</i> , 1997 , 93, 355-62	6.5	21
191	Prostaglandin E(2) protects human lung fibroblasts from cigarette smoke extract-induced apoptosis via EP(2) receptor activation. <i>Journal of Cellular Physiology</i> , 2007 , 210, 99-110	7	21
190	Determinants of exercise-induced oxygen desaturation including pulmonary emphysema in COPD: Results from the ECLIPSE study. <i>Respiratory Medicine</i> , 2016 , 119, 87-95	4.6	21
189	Integrative Genomics of Emphysema-Associated Genes Reveals Potential Disease Biomarkers. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017 , 57, 411-418	5.7	20
188	Randomized study of the safety, pharmacokinetics, and bronchodilatory efficacy of a proprietary glycopyrronium metered-dose inhaler in study patients with chronic obstructive pulmonary disease. <i>BMC Pulmonary Medicine</i> , 2014 , 14, 118	3.5	20
187	Rationale and emerging approaches for targeting lung repair and regeneration in the treatment of chronic obstructive pulmonary disease. <i>Proceedings of the American Thoracic Society</i> , 2011 , 8, 368-75		20
186	Modification of type I collagenous gels by alveolar epithelial cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2000 , 22, 702-7	5.7	20
185	Cytopathology of opportunistic infection in bronchoalveolar lavage. <i>American Journal of Clinical Pathology</i> , 1987 , 88, 421-8	1.9	20
184	Elevation of chemotactic factor inactivator in alcoholic liver disease. <i>Hepatology</i> , 1987 , 7, 872-7	11.2	20
183	Whole exome sequencing analysis in severe chronic obstructive pulmonary disease. <i>Human Molecular Genetics</i> , 2018 , 27, 3801-3812	5.6	19
182	Systemic inflammatory profile and response to anti-tumor necrosis factor therapy in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2012 , 13, 12	7.3	19
181	PGD(2) modulates fibroblast-mediated native collagen gel contraction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002 , 27, 375-81	5.7	19
180	The 2017 Update to the COPD Foundation COPD Pocket Consultant Guide. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017 , 4, 177-185	2.7	19
179	Network-based analysis reveals novel gene signatures in peripheral blood of patients with chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2017 , 18, 72	7.3	18
178	Simultaneous LC-MS/MS analysis of eicosanoids and related metabolites in human serum, sputum and BALF. <i>Biomedical Chromatography</i> , 2018 , 32, e4102	1.7	18
177	Radiological correlates and clinical implications of the paradoxical lung function response to β_2 agonists: an observational study. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 911-918	35.1	18

176	Persistent systemic inflammation and symptoms of depression among patients with COPD in the ECLIPSE cohort. <i>Respiratory Medicine</i> , 2014 , 108, 1647-54	4.6	18
175	Machine Learning Characterization of COPD Subtypes: Insights From the COPDGene Study. <i>Chest</i> , 2020 , 157, 1147-1157	5.3	18
174	Smad3 mediates cigarette smoke extract (CSE) induction of VEGF release by human fetal lung fibroblasts. <i>Toxicology Letters</i> , 2013 , 220, 126-34	4.4	17
173	Inflammatory cytokines regulate endothelial cell survival and tissue repair functions via NF- κ B signaling. <i>Journal of Inflammation Research</i> , 2011 , 4, 127-38	4.8	17
172	Use of a 4-week up-titration regimen of roflumilast in patients with severe COPD. <i>International Journal of COPD</i> , 2018 , 13, 813-822	3	17
171	Lower respiratory tract inflammation in grain farmers. <i>American Journal of Industrial Medicine</i> , 1990 , 17, 75-6	2.7	16
170	COPD Exacerbation Biomarkers Validated Using Multiple Reaction Monitoring Mass Spectrometry. <i>PLoS ONE</i> , 2016 , 11, e0161129	3.7	16
169	Upregulation of RGS2: a new mechanism for pirfenidone amelioration of pulmonary fibrosis. <i>Respiratory Research</i> , 2016 , 17, 103	7.3	16
168	Effect of culture conditions on microRNA expression in primary adult control and COPD lung fibroblasts in vitro. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2015 , 51, 390-9	2.6	15
167	Chronic obstructive pulmonary disease: NHLBI Workshop on the Primary Prevention of Chronic Lung Diseases. <i>Annals of the American Thoracic Society</i> , 2014 , 11 Suppl 3, S154-60	4.7	15
166	Reduced microRNA-503 expression augments lung fibroblast VEGF production in chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2017 , 12, e0184039	3.7	15
165	The Promise of Observational Studies (ECLIPSE, SPIROMICS, and COPDGene) in Achieving the Goal of Personalized Treatment of Chronic Obstructive Pulmonary Disease. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2015 , 36, 478-90	3.9	14
164	Differentiation of embryonic stem cells into fibroblast-like cells in three-dimensional type I collagen gel cultures. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2011 , 47, 114-24	2.6	14
163	Hepatic growth factor (HGF) inhibits cigarette smoke extract induced apoptosis in human bronchial epithelial cells. <i>Experimental Cell Research</i> , 2010 , 316, 3501-11	4.2	14
162	Human bronchial epithelial cells can contract type I collagen gels. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 1998 , 274, L58-65	5.8	14
161	Chronic Bronchitis and Emphysema 2010 , 919-967		14
160	Interpreting patient-reported outcomes from clinical trials in COPD: a discussion. <i>International Journal of COPD</i> , 2016 , 11, 3069-3078	3	14
159	The Effect of Different Case Definitions of Current Smoking on the Discovery of Smoking-Related Blood Gene Expression Signatures in Chronic Obstructive Pulmonary Disease. <i>Nicotine and Tobacco Research</i> , 2016 , 18, 1903-9	4.9	14

158	Bronchoalveolar Lavage Fluid from COPD Patients Reveals More Compounds Associated with Disease than Matched Plasma. <i>Metabolites</i> , 2019 , 9,	5.6	13
157	Minimal clinically important difference, clinical perspective: an opinion. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2005 , 2, 51-5	2	13
156	COPD: treatments benefit patients. <i>Lancet, The</i> , 2003 , 361, 444-5	40	13
155	Gait mechanics in patients with chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2015 , 16, 31	7.3	12
154	Imaging-based clusters in former smokers of the COPD cohort associate with clinical characteristics: the SubPopulations and intermediate outcome measures in COPD study (SPIROMICS). <i>Respiratory Research</i> , 2019 , 20, 153	7.3	12
153	Long-term safety study of infliximab in moderate-to-severe chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2013 , 107, 424-32	4.6	12
152	Cytokines modulate cilomilast response in lung fibroblasts. <i>Clinical Immunology</i> , 2004 , 111, 297-302	9	12
151	Imaging-based clusters in current smokers of the COPD cohort associate with clinical characteristics: the SubPopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS). <i>Respiratory Research</i> , 2018 , 19, 178	7.3	12
150	Clinical and prognostic heterogeneity of C and D GOLD groups. <i>European Respiratory Journal</i> , 2015 , 46, 250-4	13.6	11
149	Prostaglandin E2 switches from a stimulator to an inhibitor of cell migration after epithelial-to-mesenchymal transition. <i>Prostaglandins and Other Lipid Mediators</i> , 2015 , 116-117, 1-9	3.7	11
148	TGF- β induces a heart failure phenotype via fibroblasts exosome signaling. <i>Heliyon</i> , 2019 , 5, e02633	3.6	11
147	Reprogramming of COPD lung fibroblasts through formation of induced pluripotent stem cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2014 , 306, L552-65	5.8	11
146	COPD heterogeneity: what this will mean in practice. <i>Respiratory Care</i> , 2011 , 56, 1181-7	2.1	11
145	Viral infection of bovine bronchial epithelial cells induces increased neutrophil chemotactic activity and neutrophil adhesion. <i>Clinical Science</i> , 1993 , 85, 753-60	6.5	11
144	Variability in objective and subjective measures affects baseline values in studies of patients with COPD. <i>PLoS ONE</i> , 2017 , 12, e0184606	3.7	11
143	MicroRNAs as Therapeutic Targets in Lung Disease: Prospects and Challenges. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2015 , 3, 382-388	2.7	11
142	St George® Respiratory Questionnaire Score Predicts Outcomes in Patients with COPD: Analysis of Individual Patient Data in the COPD Biomarkers Qualification Consortium Database. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017 , 4, 141-149	2.7	11
141	Continuous fat-free mass decline in COPD: fact or fiction?. <i>European Respiratory Journal</i> , 2015 , 46, 1496-83.6	3.6	10

140	The COPD Biomarkers Qualification Consortium Database: Baseline Characteristics of the St George® Respiratory Questionnaire Dataset. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017 , 4, 112-123	2.7	10
139	The Effect of Statins on Blood Gene Expression in COPD. <i>PLoS ONE</i> , 2015 , 10, e0140022	3.7	10
138	Roflumilast and dyspnea in patients with moderate to very severe chronic obstructive pulmonary disease: a pooled analysis of four clinical trials. <i>International Journal of COPD</i> , 2014 , 9, 657-73	3	10
137	Efficacy of a flexible quit date versus an a priori quit date approach to smoking cessation: a cross-study analysis. <i>Addictive Behaviors</i> , 2011 , 36, 1288-91	4.2	10
136	Effect of initial collagen concentration on fibroblast mediated contraction of collagen gels. <i>Chest</i> , 2000 , 117, 234S-5S	5.3	10
135	Grain dusts and grain plant components vary in their ability to recruit neutrophils. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1995 , 46, 425-41	3.2	10
134	Induction of bovine bronchial epithelial cell filopodia by tetradecanoyl phorbol acetate, calcium ionophore, and lysophosphatidic acid. <i>Journal of Cellular Physiology</i> , 1995 , 164, 123-31	7	10
133	Understanding the impact of second-hand smoke exposure on clinical outcomes in participants with COPD in the SPIROMICS cohort. <i>Thorax</i> , 2016 , 71, 411-420	7.3	10
132	Diagnosis and management of asthma, COPD and asthma-COPD overlap among primary care physicians and respiratory/allergy specialists: A global survey. <i>Clinical Respiratory Journal</i> , 2019 , 13, 355-367	17.7	9
131	Turning a molecule into a medicine: the development of indacaterol as a novel once-daily bronchodilator treatment for patients with COPD. <i>Drugs</i> , 2014 , 74, 1635-57	12.1	9
130	Phosphodiesterase-4 inhibition augments human lung fibroblast vascular endothelial growth factor production induced by prostaglandin E2. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013 , 49, 571-81	5.7	9
129	Effect of budesonide on fibroblast-mediated collagen gel contraction and degradation. <i>Journal of Inflammation Research</i> , 2013 , 6, 25-33	4.8	9
128	Overview of causes of COPD. New understanding of pathogenesis and mechanisms can guide future therapy. <i>Postgraduate Medicine</i> , 2002 , 111, 28-30, 33-4, 37-8	3.7	9
127	COPD in 2001: a major challenge for medicine, the pharmaceutical industry, and society. <i>Chest</i> , 2002 , 121, 113S-115S	5.3	9
126	Induction of fibronectin gene expression by transforming growth factor beta-1 is attenuated in bronchial epithelial cells by ADP-ribosyltransferase inhibitors. <i>Journal of Cellular Physiology</i> , 1992 , 152, 274-80	7	9
125	Responder Analyses for Treatment Effects in COPD Using the St George® Respiratory Questionnaire. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017 , 4, 124-131	2.7	8
124	Safety and Tolerability of Comprehensive Research Bronchoscopy in Chronic Obstructive Pulmonary Disease. Results from the SPIROMICS Bronchoscopy Substudy. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 439-446	4.7	8
123	Body mass index change in gastrointestinal cancer and chronic obstructive pulmonary disease is associated with Deducator of Cytokinesis 1. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017 , 8, 428-436	10.3	7

122	Effect of tiotropium on night-time awakening and daily rescue medication use in patients with COPD. <i>Respiratory Research</i> , 2016 , 17, 27	7.3	7
121	Can CAPTURE be used to identify undiagnosed patients with mild-to-moderate COPD likely to benefit from treatment?. <i>International Journal of COPD</i> , 2018 , 13, 1901-1912	3	7
120	Pulmonary complications of transplantation. <i>Annual Review of Medicine</i> , 1992 , 43, 425-35	17.4	7
119	Socioeconomic Status as a Determinant of Health Status Treatment Response in COPD Trials. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017 , 4, 150-158	2.7	7
118	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	2.7	7
117	Seven Pillars of Small Airways Disease in Asthma and COPD: Supporting Opportunities for Novel Therapies. <i>Chest</i> , 2021 , 160, 114-134	5.3	7
116	Antiinflammatory therapies other than corticosteroids. <i>Proceedings of the American Thoracic Society</i> , 2004 , 1, 282-7		6
115	Markers of disease activity in COPD: an 8-year mortality study in the ECLIPSE cohort. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	6
114	The Association Between Dietary Intake and Phenotypical Characteristics of COPD in the ECLIPSE Cohort. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2014 , 1, 115-124	2.7	6
113	Effects of roflumilast in COPD patients receiving inhaled corticosteroid/long-acting β -agonist fixed-dose combination: RE(2)SPOND rationale and study design. <i>International Journal of COPD</i> , 2016 , 11, 1921-8	3	6
112	Alveolar eosinophilia in current smokers with chronic obstructive pulmonary disease in the SPIROMICS cohort. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 429-432	11.5	5
111	PKCdelta mediates thrombin-augmented fibroblast-mediated collagen gel contraction. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 369, 1199-203	3.4	5
110	IL-4 and IL-13 induce chemotaxis of human foreskin fibroblasts, but not human fetal lung fibroblasts. <i>Inflammation</i> , 2004 , 28, 33-7	5.1	5
109	New therapeutic drugs in the management of chronic obstructive pulmonary disease. <i>Current Opinion in Pulmonary Medicine</i> , 2002 , 8, 106-11	3	5
108	COPD Patients Have a Restricted Breathing Pattern That Persists with Increased Metabolic Demands. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020 , 17, 245-252	2	5
107	Smaller Left Ventricle Size at Noncontrast CT Is Associated with Lower Mortality in COPD Gene Participants. <i>Radiology</i> , 2020 , 296, 208-215	20.5	4
106	Gait deficiencies associated with peripheral artery disease are different than chronic obstructive pulmonary disease. <i>Gait and Posture</i> , 2017 , 57, 258-264	2.6	4
105	Pathogenesis of COPD. <i>Clinical Cornerstone</i> , 2003 , 5, 11-6		4

104	Antiproteases attenuate the release of neutrophil chemotactic activity from bronchial epithelial cells induced by smoke. <i>Experimental Lung Research</i> , 1996 , 22, 1-19	2.3	4
103	What's New with the St George's Respiratory Questionnaire and Why Do We Care?. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017 , 4, 83-86	2.7	4
102	Agonist-specific desensitization of PGE-stimulated cAMP signaling due to upregulated phosphodiesterase expression in human lung fibroblasts. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020 , 393, 843-856	3.4	4
101	Small airway determinants of airflow limitation in chronic obstructive pulmonary disease. <i>Thorax</i> , 2021 , 76, 1079-1088	7.3	4
100	Co-Morbidity Patterns Identified Using Latent Class Analysis of Medications Predict All-Cause Mortality Independent of Other Known Risk Factors: The COPD Gene Study. <i>Clinical Epidemiology</i> , 2020 , 12, 1171-1181	5.9	3
99	Location, location, location: studying anatomically comparable airways is highly relevant to understanding COPD. <i>Thorax</i> , 2014 , 69, 1049-50	7.3	3
98	Proteinases and COPD		3
97	Anticholinergic bronchodilators in combination. <i>Expert Opinion on Pharmacotherapy</i> , 2000 , 1, 1281-7	4	3
96	The COPD Foundation Pocket Consultant Guide. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2014 , 1, 83-87	2.7	3
95	Introducing the New COPD Pocket Consultant Guide App: Can A Digital Approach Improve Care? A Statement of the COPD Foundation. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2019 , 6, 210-220	2.7	3
94	Relationship between Emphysema Progression at CT and Mortality in Ever-Smokers: Results from the COPD Gene and ECLIPSE Cohorts. <i>Radiology</i> , 2021 , 299, 222-231	20.5	3
93	Pathogenesis of chronic obstructive pulmonary disease. <i>Pneumonologia i Alergologia Polska</i> , 2011 , 79, 132-8		3
92	Turning subtypes into disease axes to improve prediction of COPD progression. <i>Thorax</i> , 2019 , 74, 906-909	9.3	2
91	Improving the evaluation of COPD exacerbation treatment effects by accounting for early treatment discontinuations: a post-hoc analysis of randomized clinical trials. <i>Respiratory Research</i> , 2020 , 21, 158	7.3	2
90	Budesonide and risk of pneumonia [Authors Reply]. <i>Lancet, The</i> , 2009 , 374, 2051-2052	4.0	2
89	Epithelial Cells and Fibroblasts. <i>Novartis Foundation Symposium</i> , 2008 , 104-119		2
88	Economic Burden of COPD		2
87	Challenges and opportunities for combination therapy in chronic obstructive pulmonary disease. <i>Proceedings of the American Thoracic Society</i> , 2005 , 2, 391-3; discussion 394-5		2

86	COPDCompEx: A novel composite endpoint for COPD exacerbations to enable faster clinical development. <i>Respiratory Medicine</i> , 2020 , 173, 106175	4.6	2
85	Baseline Severity as Predictor of Change in St George's Respiratory Questionnaire Scores in Trials of Long-acting Bronchodilators with COPD Patients. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2017 , 4, 132-140	2.7	2
84	Latent traits of lung tissue patterns in former smokers derived by dual channel deep learning in computed tomography images. <i>Scientific Reports</i> , 2021 , 11, 4916	4.9	2
83	PGE 2 desensitizes β agonist effect on human lung fibroblast-mediated collagen gel contraction through upregulating PDE4. <i>Mediators of Inflammation</i> , 2013 , 2013, 145197	4.3	1
82	Treatment for Stable COPD 2009 , 823-836		1
81	Interview - Chronic obstructive pulmonary disease: current & future directions. <i>Therapy: Open Access in Clinical Medicine</i> , 2009 , 6, 791-793		1
80	Lessons from multidisciplinary cross-fertilization: chronic obstructive pulmonary disease, lung cancer, and heart disease. <i>Proceedings of the American Thoracic Society</i> , 2008 , 5, 865-8		1
79	Bronchiectasis and COPD139-147		1
78	Exercise Limitations and Cardiopulmonary Exercise Testing in COPD40-62		1
77	The Natural History of COPD115-123		1
76	Lymphocytes269-274		1
75	Oxidants367-384		1
74	COPD and Air Pollution397-407		1
73	α -Antitrypsin Deficiency447-459		1
72	Comorbidity569-576		1
71	Physiology and Pathobiology of the Lung Circulation75-79		1
70	Chemokines in COPD859-866		1
69	Waiting for Actionable Evidence: Roflumilast or Azithromycin?. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2021 ,	2.7	1

68	COPD9USA June 2015. <i>Chronic Obstructive Pulmonary Diseases (Miami, Fla)</i> , 2015 , 2, 343-366	2.7	1
67	Electronic cigarette extract induced toxic effect in iPS-derived cardiomyocytes. <i>BMC Cardiovascular Disorders</i> , 2020 , 20, 357	2.3	1
66	Longitudinal Imaging-Based Clusters in Former Smokers of the COPD Cohort Associate with Clinical Characteristics: The SubPopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS). <i>International Journal of COPD</i> , 2021 , 16, 1477-1496	3	1
65	Postdeployment Respiratory Syndrome in Soldiers With Chronic Exertional Dyspnea. <i>American Journal of Surgical Pathology</i> , 2021 , 45, 1587-1596	6.7	1
64	Objectively Measured Physical Activity as a COPD Clinical Trial Outcome. <i>Chest</i> , 2021 , 160, 2080-2100	5.3	1
63	Genetic variation in genes regulating skeletal muscle regeneration and tissue remodelling associated with weight loss in chronic obstructive pulmonary disease. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 ,	10.3	1
62	Heme metabolism genes Downregulated in COPD Cachexia. <i>Respiratory Research</i> , 2020 , 21, 100	7.3	0
61	Current smoking with or without chronic bronchitis is independently associated with goblet cell hyperplasia in healthy smokers and COPD subjects. <i>Scientific Reports</i> , 2020 , 10, 20133	4.9	0
60	Efficacy of an inhaled corticosteroid/long-acting β -agonist combination in symptomatic COPD patients in GOLD groups B and D. <i>European Respiratory Journal</i> , 2015 , 46, 255-8	13.6	
59	Outcomes consequent to "early" COPD for interventional studies. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	
58	Pathophysiology of COPD 2009 , 425-442		
57	Foreword: "The Big Three". <i>Proceedings of the American Thoracic Society</i> , 2008 , 5, 795		
56	Colour Plate Section 893-900		
55	Aerosols and Delivery Systems 481-498		
54	Anticholinergics in COPD 657-668		
53	The Physiology of Breathlessness 20-25		
52	The Physiology of Muscle 26-39		
51	Obliterative Bronchiolitis 148-153		

- 50 COPD: Clinical Presentation and Evaluation167-180
- 49 Monitoring and Outcomes181-188
- 48 Mucosal Immunity201-211
- 47 COPD and Pulmonary Surfactant212-218
- 46 The Macrophage and its Role in the Pathogenesis of COPD219-232
- 45 Eosinophils and COPD233-244
- 44 Airway Epithelial Defence, Repair and Regeneration245-254
- 43 The Role of the Neutrophil in the Pathogenesis of COPD255-268
- 42 Leukotrienes in COPD: The Unexploited Potential285-299
- 41 Cigarette Smoking, Emphysema and Lung Endothelium300-307
- 40 Lung Development317-340
- 39 Animal Models341-348
- 38 Viruses in COPD408-418
- 37 Genetic Factors436-446
- 36 Body Weight and Systemic Effects460-466
- 35 Lung Connective Tissue467-480
- 34 Gastro-Oesophageal Reflux499-512
- 33 Upper Airway Diseases513-527

- 32 Acute Pulmonary Embolism 528-537
- 31 Infection Management and Airflow Obstruction 546-558
- 30 Mechanical Ventilation for Exacerbation of COPD 559-568
- 29 Clinical Assessment of Control of Breathing 63-74
- 28 Pulmonary Rehabilitation 585-594
- 27 Social Support 595-600
- 26 Long-Term Invasive Mechanical Ventilation 601-607
- 25 Oxygen Therapy in COPD 622-635
- 24 Surgical Therapy for COPD 636-656
- 23 β -Agonists 669-684
- 22 Phosphodiesterase 4 Inhibitors in the Treatment of COPD 708-727
- 21 Antibiotic Therapy in Patients with COPD 728-746
- 20 Antioxidants 747-755
- 19 Mucolytics for COPD 756-768
- 18 End-Of-Life and Palliative Care for Patients with COPD 769-778
- 17 Pharmacoepidemiology of COPD 792-804
- 16 Social and Behavioural Impact of COPD - Research Opportunities 805-810
- 15 Guidelines 811-820

14 Protease Inhibitors 821-844

13 Retinoids 845-858

12 Sleep in Patients with COPD 80-89

11 The Physiology of Gas Exchange 102-114

10 The Physiology of Cough 90-101

9 COPD and Lung Cancer 538-545

8 Mucociliary Clearance 189-200

7 Structure-function Relationships: The Pathophysiology of Airflow Obstruction 1-19

6 Morphological study of bovine lung grafted into the hamster cheek pouch. *Experimental Lung Research*, **1992**, 18, 145-54 2.3

5 Receptor subtypes involved in lung fibroblast-mediated collagen gel contraction stimulated by lysophosphatidic acid and serum. *FASEB Journal*, **2008**, 22, 728.9 0.9

4 Inhibition of Micro-RNA 146a Expression in Lung Fibroblasts by Fluticasone Propionate, Salmeterol Xinafoate, and Related Agents. *FASEB Journal*, **2015**, 29, 619.12 0.9

3 Pharmacological Therapy: Novel Approaches **2011**, 129-147

2 Response. *Chest*, **2020**, 158, 2232 5.3

1 Response.. *Chest*, **2022**, 161, e249-e250 5.3