

Ivar Agust

List of Publications by Citations

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

392
papers

41,418
citations

93
h-index

197
g-index

450
ext. papers

49,042
ext. citations

9.3
avg, IF

7.39
L-index

#	Paper	IF	Citations
392	Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease: GOLD executive summary. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 347-65	10.2	3654
391	Standards for the diagnosis and treatment of patients with COPD: a summary of the ATS/ERS position paper. <i>European Respiratory Journal</i> , 2004 , 23, 932-46	13.6	3177
390	Long-term cardiovascular outcomes in men with obstructive sleep apnoea-hypopnoea with or without treatment with continuous positive airway pressure: an observational study. <i>Lancet, The</i> , 2005 , 365, 1046-53	40	3172
389	Susceptibility to exacerbation in chronic obstructive pulmonary disease. <i>New England Journal of Medicine</i> , 2010 , 363, 1128-38	59.2	1840
388	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease 2017 Report. GOLD Executive Summary. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 557-582	10.2	1682
387	Characterisation of COPD heterogeneity in the ECLIPSE cohort. <i>Respiratory Research</i> , 2010 , 11, 122	7.3	752
386	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease: the GOLD science committee report 2019. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	722
385	Mortality in COPD: Role of comorbidities. <i>European Respiratory Journal</i> , 2006 , 28, 1245-57	13.6	689
384	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
383	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
382	Systemic effects of chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2003 , 21, 347-60	6.6	596
381	Lung-Function Trajectories Leading to Chronic Obstructive Pulmonary Disease. <i>New England Journal of Medicine</i> , 2015 , 373, 111-22	59.2	595
380	Immunologic aspects of chronic obstructive pulmonary disease. <i>New England Journal of Medicine</i> , 2009 , 360, 2445-54	59.2	587
379	A genome-wide association study in chronic obstructive pulmonary disease (COPD): identification of two major susceptibility loci. <i>PLoS Genetics</i> , 2009 , 5, e1000421	6	537
378	Persistent systemic inflammation is associated with poor clinical outcomes in COPD: a novel phenotype. <i>PLoS ONE</i> , 2012 , 7, e37483	3.7	521
377	Treatable traits: toward precision medicine of chronic airway diseases. <i>European Respiratory Journal</i> , 2016 , 47, 410-9	13.6	487
376	After asthma: redefining airways diseases. <i>Lancet, The</i> , 2018 , 391, 350-400	40	455

375	Association between treated and untreated obstructive sleep apnea and risk of hypertension. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 2169-76	27.4	454
374	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease 2017 Report: GOLD Executive Summary. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	398
373	The natural history of chronic airflow obstruction revisited: an analysis of the Framingham offspring cohort. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009 , 180, 3-10	10.2	398
372	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
371	Blood Eosinophils: A Biomarker of Response to Extrafine Beclomethasone/Formoterol in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 523-5	10.2	273
370	Skeletal muscle apoptosis and weight loss in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 485-9	10.2	252
369	Global Strategy for the Diagnosis, Management, and Prevention of Chronic Obstructive Lung Disease 2017 Report: GOLD Executive Summary. <i>Archivos De Bronconeumologia</i> , 2017 , 53, 128-149	0.7	247
368	Comorbidity, systemic inflammation and outcomes in the ECLIPSE cohort. <i>Respiratory Medicine</i> , 2013 , 107, 1376-84	4.6	243
367	Telomere shortening in smokers with and without COPD. <i>European Respiratory Journal</i> , 2006 , 27, 525-8	13.6	243
366	Oxidative stress and airway inflammation in severe exacerbations of COPD. <i>Thorax</i> , 2005 , 60, 293-300	7.3	243
365	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
364	Global Strategy for the Diagnosis, Management and Prevention of Chronic Obstructive Lung Disease 2017 Report: GOLD Executive Summary. <i>Respirology</i> , 2017 , 22, 575-601	3.6	228
363	Cigarette smoking behaviors and time since quitting are associated with differential DNA methylation across the human genome. <i>Human Molecular Genetics</i> , 2012 , 21, 3073-82	5.6	228
362	Do chronic respiratory diseases or their treatment affect the risk of SARS-CoV-2 infection?. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 436-438	35.1	223
361	Cardiovascular comorbidity in COPD: systematic literature review. <i>Chest</i> , 2013 , 144, 1163-1178	5.3	210
360	Identification and prospective validation of clinically relevant chronic obstructive pulmonary disease (COPD) subtypes. <i>Thorax</i> , 2011 , 66, 430-7	7.3	207
359	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
358	Hospitalized exacerbations of COPD: risk factors and outcomes in the ECLIPSE cohort. <i>Chest</i> , 2015 , 147, 999-1007	5.3	204

357	Abnormal lipid peroxidation in patients with sleep apnoea. <i>European Respiratory Journal</i> , 2000 , 16, 644-713.6	199
356	Systemic effects of chronic obstructive pulmonary disease. <i>Proceedings of the American Thoracic Society</i> , 2005 , 2, 367-70; discussion 371-2	184
355	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
354	A genome-wide association study of COPD identifies a susceptibility locus on chromosome 19q13. <i>Human Molecular Genetics</i> , 2012 , 21, 947-57	5.6 181
353	Abnormal lung aging in chronic obstructive pulmonary disease and idiopathic pulmonary fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 306-13	10.2 180
352	Outcomes and markers in the assessment of chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2006 , 27, 822-32	13.6 174
351	COPD as a systemic disease. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2008 , 5, 133-8	2 171
350	Current concepts in targeting chronic obstructive pulmonary disease pharmacotherapy: making progress towards personalised management. <i>Lancet, The</i> , 2015 , 385, 1789-1798	40 168
349	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
348	Systemic effects of chronic obstructive pulmonary disease: what we know and what we don't know (but should). <i>Proceedings of the American Thoracic Society</i> , 2007 , 4, 522-5	164
347	Variable DNA methylation is associated with chronic obstructive pulmonary disease and lung function. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 373-81	10.2 163
346	Update on the Pathogenesis of Chronic Obstructive Pulmonary Disease. <i>New England Journal of Medicine</i> , 2019 , 381, 1248-1256	59.2 156
345	Antioxidant status in patients with sleep apnoea and impact of continuous positive airway pressure treatment. <i>European Respiratory Journal</i> , 2006 , 27, 756-60	13.6 154
344	Daytime sleepiness and polysomnographic variables in sleep apnoea patients. <i>European Respiratory Journal</i> , 2007 , 30, 110-13	13.6 154
343	Efficacy and safety of twice-daily aclidinium bromide in COPD patients: the ATTAIN study. <i>European Respiratory Journal</i> , 2012 , 40, 830-6	13.6 148
342	Enhanced neutrophil response in chronic obstructive pulmonary disease. <i>Thorax</i> , 2001 , 56, 432-7	7.3 148
341	Characteristics, stability and outcomes of the 2011 GOLD COPD groups in the ECLIPSE cohort. <i>European Respiratory Journal</i> , 2013 , 42, 636-46	13.6 139
340	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

339	Systems medicine and integrated care to combat chronic noncommunicable diseases. <i>Genome Medicine</i> , 2011 , 3, 43	14.4	137
338	Noninvasive ventilatory support does not facilitate recovery from acute respiratory failure in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 1996 , 9, 1240-5	13.6	137
337	Night-time symptoms: a forgotten dimension of COPD. <i>European Respiratory Review</i> , 2011 , 20, 183-94	9.8	135
336	Addressing the complexity of chronic obstructive pulmonary disease: from phenotypes and biomarkers to scale-free networks, systems biology, and P4 medicine. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1129-37	10.2	135
335	COPD, a multicomponent disease: implications for management. <i>Respiratory Medicine</i> , 2005 , 99, 670-82	4.6	135
334	Phenotypic characterisation of T-lymphocytes in COPD: abnormal CD4+CD25+ regulatory T-lymphocyte response to tobacco smoking. <i>European Respiratory Journal</i> , 2008 , 31, 555-62	13.6	130
333	Effects of CPAP on oxidative stress and nitrate efficiency in sleep apnoea: a randomised trial. <i>Thorax</i> , 2009 , 64, 581-6	7.3	129
332	The microbiome in respiratory medicine: current challenges and future perspectives. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	124
331	Abnormal mitochondrial function in locomotor and respiratory muscles of COPD patients. <i>European Respiratory Journal</i> , 2009 , 33, 1045-52	13.6	123
330	Bronchodilator responsiveness as a phenotypic characteristic of established chronic obstructive pulmonary disease. <i>Thorax</i> , 2012 , 67, 701-8	7.3	122
329	Coronary artery calcification is increased in patients with COPD and associated with increased morbidity and mortality. <i>Thorax</i> , 2014 , 69, 718-23	7.3	118
328	Pathophysiology of muscle dysfunction in COPD. <i>Journal of Applied Physiology</i> , 2013 , 114, 1222-34	3.7	118
327	COPD association and repeatability of blood biomarkers in the ECLIPSE cohort. <i>Respiratory Research</i> , 2011 , 12, 146	7.3	118
326	Insulin resistance and daytime sleepiness in patients with sleep apnoea. <i>Thorax</i> , 2008 , 63, 946-50	7.3	118
325	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
324	The path to personalised medicine in COPD. <i>Thorax</i> , 2014 , 69, 857-64	7.3	116
323	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
322	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

321	Lung function in early adulthood and health in later life: a transgenerational cohort analysis. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 935-945	35.1	116
320	The asthma-COPD overlap syndrome: towards a revised taxonomy of chronic airways diseases?. <i>Lancet Respiratory Medicine</i> , 2015 , 3, 719-728	35.1	115
319	Long-term effects of CPAP on daytime functioning in patients with sleep apnoea syndrome. <i>European Respiratory Journal</i> , 2000 , 15, 676-81	13.6	115
318	Hypoxic pulmonary vasoconstriction and gas exchange during exercise in chronic obstructive pulmonary disease. <i>Chest</i> , 1990 , 97, 268-75	5.3	115
317	Chronic Obstructive Pulmonary Disease and Cardiac Diseases. An Urgent Need for Integrated Care. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 1319-1336	10.2	115
316	Physical activity and clinical and functional status in COPD. <i>Chest</i> , 2009 , 136, 62-70	5.3	114
315	Integrated care pathways for airway diseases (AIRWAYS-ICPs). <i>European Respiratory Journal</i> , 2014 , 44, 304-23	13.6	112
314	Neuropeptide Y and leptin in patients with obstructive sleep apnea syndrome: role of obesity. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 171, 183-7	10.2	109
313	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
312	Nontypeable <i>Haemophilus influenzae</i> clearance by alveolar macrophages is impaired by exposure to cigarette smoke. <i>Infection and Immunity</i> , 2009 , 77, 4232-42	3.7	105
311	Effects of obesity on C-reactive protein level and metabolic disturbances in male patients with obstructive sleep apnea. <i>American Journal of Medicine</i> , 2004 , 117, 118-21	2.4	105
310	Lessons from ECLIPSE: a review of COPD biomarkers. <i>Thorax</i> , 2014 , 69, 666-72	7.3	102
309	The potential impact of anaemia of chronic disease in COPD. <i>European Respiratory Journal</i> , 2006 , 27, 390-6	13.6	102
308	Inhaled corticosteroids in COPD: friend or foe?. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	102
307	Long-term effects of nasal intermittent positive-pressure ventilation on pulmonary function and sleep architecture in patients with neuromuscular diseases. <i>Chest</i> , 1996 , 110, 1179-83	5.3	101
306	Low-dose theophylline enhances the anti-inflammatory effects of steroids during exacerbations of COPD. <i>Thorax</i> , 2009 , 64, 424-9	7.3	99
305	Prediction of risk of COPD exacerbations by the BODE index. <i>Respiratory Medicine</i> , 2009 , 103, 373-8	4.6	97
304	Sleep-related respiratory disturbances in patients with Duchenne muscular dystrophy. <i>European Respiratory Journal</i> , 1994 , 7, 1403-8	13.6	97

303	Serial measurements of exhaled nitric oxide during exacerbations of chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 1999 , 14, 523-8	13.6	95
302	Benralizumab for the Prevention of COPD Exacerbations. <i>New England Journal of Medicine</i> , 2019 , 381, 1023-1034	59.2	94
301	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
300	Intracellular cytokine profile of T lymphocytes in patients with chronic obstructive pulmonary disease. <i>Clinical and Experimental Immunology</i> , 2006 , 145, 474-9	6.2	92
299	Assessment of a Combined Panel of Six Serum Tumor Markers for Lung Cancer. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 427-37	10.2	90
298	Genome-wide association analysis of blood biomarkers in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 1238-47	10.2	88
297	The lung in patients with cirrhosis. <i>Journal of Hepatology</i> , 1990 , 10, 251-7	13.4	85
296	Integrating real-life studies in the global therapeutic research framework. <i>Lancet Respiratory Medicine</i> , 2013 , 1, e29-30	35.1	83
295	Current controversies and future perspectives in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 507-13	10.2	83
294	Anti-tissue antibodies are related to lung function in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 1025-31	10.2	83
293	Extrafine beclomethasone/formoterol in severe COPD patients with history of exacerbations. <i>Respiratory Medicine</i> , 2014 , 108, 1153-62	4.6	82
292	Precision medicine in airway diseases: moving to clinical practice. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	79
291	Genome-wide association study of smoking behaviours in patients with COPD. <i>Thorax</i> , 2011 , 66, 894-902	7.3	78
290	Lung function trajectories in health and disease. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 358-364	35.1	76
289	Treatable traits: a new paradigm for 21st century management of chronic airway diseases: Treatable Traits Down Under International Workshop report. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	75
288	The COPD control panel: towards personalised medicine in COPD. <i>Thorax</i> , 2013 , 68, 687-90	7.3	73
287	Inflammatory proteins in patients with obstructive sleep apnea with and without daytime sleepiness. <i>Sleep and Breathing</i> , 2007 , 11, 177-85	3.1	72
286	Phenotypic characterisation of alveolar macrophages and peripheral blood monocytes in COPD. <i>European Respiratory Journal</i> , 2005 , 25, 647-52	13.6	72

285	Circulating soluble receptor for advanced glycation end products (sRAGE) as a biomarker of emphysema and the RAGE axis in the lung. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 785-92	10.2	70
284	Prescription of inhalers in asthma and COPD: towards a rational, rapid and effective approach. <i>Respiratory Medicine</i> , 2013 , 107, 1817-21	4.6	70
283	FAQs about the GOLD 2011 assessment proposal of COPD: a comparative analysis of four different cohorts. <i>European Respiratory Journal</i> , 2013 , 42, 1391-401	13.6	70
282	Clinical audit of COPD patients requiring hospital admissions in Spain: AUDIPOC study. <i>PLoS ONE</i> , 2012 , 7, e42156	3.7	70
281	A randomised trial of fluticasone furoate/vilanterol (50/25 µg; 100/25 µg) on lung function in COPD. <i>Respiratory Medicine</i> , 2013 , 107, 560-9	4.6	68
280	Monitoring breathing rate at home allows early identification of COPD exacerbations. <i>Chest</i> , 2012 , 142, 1524-1529	5.3	68
279	Network Analysis of Lung Transcriptomics Reveals a Distinct B-Cell Signature in Emphysema. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 193, 1242-53	10.2	67
278	Air pollution and biomarkers of systemic inflammation and tissue repair in COPD patients. <i>European Respiratory Journal</i> , 2014 , 44, 603-13	13.6	65
277	Antitrypsin protease inhibitor MZ heterozygosity is associated with airflow obstruction in two large cohorts. <i>Chest</i> , 2010 , 138, 1125-32	5.3	64
276	Effects of obesity upon genioglossus structure and function in obstructive sleep apnoea. <i>European Respiratory Journal</i> , 2004 , 23, 425-9	13.6	64
275	Mechanisms of gas exchange impairment in patients with liver cirrhosis. <i>Clinics in Chest Medicine</i> , 1996 , 17, 49-66	5.3	64
274	Efficacy and safety of once-daily acclidinium in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2011 , 12, 55	7.3	63
273	Variability and effects of bronchial colonisation in patients with moderate COPD. <i>European Respiratory Journal</i> , 2010 , 35, 295-302	13.6	63
272	Endothelial function and circulating endothelial progenitor cells in patients with sleep apnea syndrome. <i>Respiration</i> , 2008 , 76, 28-32	3.7	62
271	Hypophosphatemia as a cause of failed weaning: the importance of metabolic factors. <i>Critical Care Medicine</i> , 1984 , 12, 142-3	1.4	62
270	B Cell-Activating Factor. An Orchestrator of Lymphoid Follicles in Severe Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 695-705	10.2	61
269	High prevalence of undiagnosed airflow limitation in patients with cardiovascular disease. <i>Chest</i> , 2010 , 137, 333-40	5.3	60
268	Angiotensin converting enzyme in patients with sleep apnoea syndrome: plasma activity and gene polymorphisms. <i>European Respiratory Journal</i> , 2001 , 17, 728-32	13.6	60

267	Expression of Toll-like receptor 2 is up-regulated in monocytes from patients with chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2006 , 7, 64	7.3	59
266	Sustained CTL activation by murine pulmonary epithelial cells promotes the development of COPD-like disease. <i>Journal of Clinical Investigation</i> , 2009 , 119, 636-49	15.9	59
265	Improving lung health in low-income and middle-income countries: from challenges to solutions. <i>Lancet, The</i> , 2021 , 397, 928-940	4.0	57
264	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
263	Pulmonary Vascular Involvement in Chronic Obstructive Pulmonary Disease. Is There a Pulmonary Vascular Phenotype?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1000-1011	10.2	56
262	Is the CAT questionnaire sensitive to changes in health status in patients with severe COPD exacerbations?. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2012 , 9, 492-8	2	56
261	Decreased plasma levels of orexin-A in sleep apnea. <i>Respiration</i> , 2004 , 71, 575-9	3.7	54
260	The dyspnoea-inactivity vicious circle in COPD: development and external validation of a conceptual model. <i>European Respiratory Journal</i> , 2018 , 52,	13.6	53
259	What does endotyping mean for treatment in chronic obstructive pulmonary disease?. <i>Lancet, The</i> , 2017 , 390, 980-987	4.0	52
258	Systemic steroid exposure is associated with differential methylation in chronic obstructive pulmonary disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 1248-55	10.2	52
257	Interstitial pulmonary fibrosis with and without associated collagen vascular disease: results of a two year follow up. <i>Thorax</i> , 1992 , 47, 1035-40	7.3	52
256	Molecular mechanisms of inflammation during exacerbations of chronic obstructive pulmonary disease. <i>Archivos De Bronconeumologia</i> , 2011 , 47, 176-83	0.7	51
255	Moving from the Oslerian paradigm to the post-genomic era: are asthma and COPD outdated terms?. <i>Thorax</i> , 2014 , 69, 72-9	7.3	49
254	Using the Electronic Nose to Identify Airway Infection during COPD Exacerbations. <i>PLoS ONE</i> , 2015 , 10, e0135199	3.7	49
253	Telomere shortening in sleep apnea syndrome. <i>Respiratory Medicine</i> , 2010 , 104, 1225-9	4.6	49
252	Proposal for a multidimensional staging system for chronic obstructive pulmonary disease. <i>Respiratory Medicine</i> , 2005 , 99, 1546-54	4.6	49
251	Personalized respiratory medicine: exploring the horizon, addressing the issues. Summary of a BRN-AJRCCM workshop held in Barcelona on June 12, 2014. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 391-401	10.2	48
250	Prevalence of and risk factors for pulmonary abnormalities in HIV-infected patients treated with antiretroviral therapy. <i>HIV Medicine</i> , 2014 , 15, 321-9	2.7	48

249	Systemic inflammation and comorbidities in chronic obstructive pulmonary disease. <i>Proceedings of the American Thoracic Society</i> , 2012 , 9, 43-6		48
248	Current Controversies in the Pharmacological Treatment of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 541-9	10.2	47
247	Blood eosinophil count and exacerbation risk in patients with COPD. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	47
246	Effect of bronchial colonisation on airway and systemic inflammation in stable COPD. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2012 , 9, 121-30	2	47
245	Circulating desmosine levels do not predict emphysema progression but are associated with cardiovascular risk and mortality in COPD. <i>European Respiratory Journal</i> , 2016 , 47, 1365-73	13.6	46
244	Identification of airway bacterial colonization by an electronic nose in Chronic Obstructive Pulmonary Disease. <i>Respiratory Medicine</i> , 2014 , 108, 1608-14	4.6	46
243	The influence of obesity and obstructive sleep apnea on metabolic hormones. <i>Sleep and Breathing</i> , 2012 , 16, 649-56	3.1	46
242	Benefits of physical activity on COPD hospitalisation depend on intensity. <i>European Respiratory Journal</i> , 2015 , 46, 1281-9	13.6	45
241	Mechanisms of abnormal gas exchange in patients with pneumonia. <i>Anesthesiology</i> , 1991 , 75, 782-9	4.3	45
240	Precision medicine in obstructive sleep apnoea. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 456-464	35.1	44
239	Characterisation and impact of reported and unreported exacerbations: results from ATTAIN. <i>European Respiratory Journal</i> , 2014 , 44, 1156-65	13.6	44
238	Network medicine, multimorbidity and the lung in the elderly. <i>European Respiratory Journal</i> , 2014 , 44, 775-88	13.6	44
237	Effects of exercise on mitochondrial DNA content in skeletal muscle of patients with COPD. <i>Thorax</i> , 2011 , 66, 121-7	7.3	44
236	COPD: time to improve its taxonomy?. <i>ERJ Open Research</i> , 2018 , 4,	3.5	43
235	Site of mitochondrial reactive oxygen species production in skeletal muscle of chronic obstructive pulmonary disease and its relationship with exercise oxidative stress. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 47, 358-62	5.7	43
234	A comparison of the efficacy and safety of once-daily fluticasone furoate/vilanterol with twice-daily fluticasone propionate/salmeterol in moderate to very severe COPD. <i>European Respiratory Journal</i> , 2014 , 43, 763-72	13.6	42
233	Characteristics of patients admitted for the first time for COPD exacerbation. <i>Respiratory Medicine</i> , 2009 , 103, 1293-302	4.6	42
232	Decreased macrophage release of TGF-beta and TIMP-1 in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2005 , 26, 60-6	13.6	42

231	Oxygen therapy during exacerbations of chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 1999 , 14, 934-9	13.6	42
230	Clinical and functional assessment of patients with idiopathic pulmonary fibrosis: results of a 3 year follow-up. <i>European Respiratory Journal</i> , 1994 , 7, 643-50	13.6	42
229	Inhaled Steroids, Circulating Eosinophils, Chronic Airway Infection, and Pneumonia Risk in Chronic Obstructive Pulmonary Disease. A Network Analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 1078-1085	10.2	41
228	The Intersection of Aging Biology and the Pathobiology of Lung Diseases: A Joint NHLBI/NIA Workshop. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 1492-1506	6.4	40
227	Do COPD subtypes really exist? COPD heterogeneity and clustering in 10 independent cohorts. <i>Thorax</i> , 2017 , 72, 998-1006	7.3	40
226	One-year change in health status and subsequent outcomes in COPD. <i>Thorax</i> , 2015 , 70, 420-5	7.3	40
225	Biomarkers in COPD. <i>Clinics in Chest Medicine</i> , 2014 , 35, 131-41	5.3	39
224	Candidate genes for COPD in two large data sets. <i>European Respiratory Journal</i> , 2011 , 37, 255-63	13.6	39
223	Blunted gamma delta T-lymphocyte response in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2005 , 25, 441-6	13.6	39
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