

Christopher E Brightling

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.

252
papers

20,903
citations

72
h-index

141
g-index

280
ext. papers

25,206
ext. citations

9.2
avg. IF

6.69
L-index

#	Paper	IF	Citations
252	Mepolizumab and exacerbations of refractory eosinophilic asthma. <i>New England Journal of Medicine</i> , 2009 , 360, 973-84	59.2	1399
251	Cluster analysis and clinical asthma phenotypes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2008 , 178, 218-224	10.2	1355
250	Asthma exacerbations and sputum eosinophil counts: a randomised controlled trial. <i>Lancet, The</i> , 2002 , 360, 1715-21	40	1338
249	Mast-cell infiltration of airway smooth muscle in asthma. <i>New England Journal of Medicine</i> , 2002 , 346, 1699-705	59.2	1002
248	Evidence of a role of tumor necrosis factor alpha in refractory asthma. <i>New England Journal of Medicine</i> , 2006 , 354, 697-708	59.2	696
247	Acute exacerbations of chronic obstructive pulmonary disease: identification of biologic clusters and their biomarkers. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 662-71	10.2	662
246	Diagnosis and management of cough executive summary: ACCP evidence-based clinical practice guidelines. <i>Chest</i> , 2006 , 129, 1S-23S	5.3	521
245	Sputum eosinophilia and short-term response to prednisolone in chronic obstructive pulmonary disease: a randomised controlled trial. <i>Lancet, The</i> , 2000 , 356, 1480-5	40	424
244	Blood eosinophils to direct corticosteroid treatment of exacerbations of chronic obstructive pulmonary disease: a randomized placebo-controlled trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 48-55	10.2	400
243	Severe eosinophilic asthma treated with mepolizumab stratified by baseline eosinophil thresholds: a secondary analysis of the DREAM and MENSA studies. <i>Lancet Respiratory Medicine, the</i> , 2016 , 4, 549-556	35.1	318
242	Targeting TNF-alpha: a novel therapeutic approach for asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 5-10; quiz 11-2	11.5	297
241	Expression of the T helper 17-associated cytokines IL-17A and IL-17F in asthma and COPD. <i>Chest</i> , 2010 , 138, 1140-7	5.3	285
240	CCR7 expression and memory T cell diversity in humans. <i>Journal of Immunology</i> , 2001 , 166, 877-84	5.3	273
239	Efficacy and safety of tralokinumab in patients with severe uncontrolled asthma: a randomised, double-blind, placebo-controlled, phase 2b trial. <i>Lancet Respiratory Medicine, the</i> , 2015 , 3, 692-701	35.1	270
238	Sputum eosinophilia and the short term response to inhaled mometasone in chronic obstructive pulmonary disease. <i>Thorax</i> , 2005 , 60, 193-8	7.3	249
237	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018 , 50, 42-53	36.3	246
236	Oxidative stress-induced mitochondrial dysfunction drives inflammation and airway smooth muscle remodeling in patients with chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 136, 769-80	11.5	241

235	The CXCL10/CXCR3 axis mediates human lung mast cell migration to asthmatic airway smooth muscle. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005 , 171, 1103-8	10.2	234
234	Increased sputum and bronchial biopsy IL-13 expression in severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2008 , 121, 685-91	11.5	215
233	Lung microbiome dynamics in COPD exacerbations. <i>European Respiratory Journal</i> , 2016 , 47, 1082-92	13.6	206
232	Benralizumab for chronic obstructive pulmonary disease and sputum eosinophilia: a randomised, double-blind, placebo-controlled, phase 2a study. <i>Lancet Respiratory Medicine</i> , 2014 , 2, 891-901	35.1	203
231	IgE sensitization to <i>Aspergillus fumigatus</i> is associated with reduced lung function in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 1362-8	10.2	190
230	TH2 cytokine expression in bronchoalveolar lavage fluid T lymphocytes and bronchial submucosa is a feature of asthma and eosinophilic bronchitis. <i>Journal of Allergy and Clinical Immunology</i> , 2002 , 110, 899-905	11.5	188
229	Fevipirant, a prostaglandin D2 receptor 2 antagonist, in patients with persistent eosinophilic asthma: a single-centre, randomised, double-blind, parallel-group, placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 699-707	35.1	186
228	Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	185
227	The relationship between clinical outcomes and medication adherence in difficult-to-control asthma. <i>Thorax</i> , 2012 , 67, 751-3	7.3	184
226	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
225	Association between neutrophilic airway inflammation and airflow limitation in adults with asthma. <i>Chest</i> , 2007 , 132, 1871-5	5.3	178
224	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017 , 49, 416-425	36.3	170
223	Eosinophilic airway inflammation: role in asthma and chronic obstructive pulmonary disease. <i>Therapeutic Advances in Chronic Disease</i> , 2016 , 7, 34-51	4.9	168
222	Expression of chemokine receptors by lung T cells from normal and asthmatic subjects. <i>Journal of Immunology</i> , 2001 , 166, 2842-8	5.3	151
221	Qualitative analysis of high-resolution CT scans in severe asthma. <i>Chest</i> , 2009 , 136, 1521-1528	5.3	150
220	Induced sputum inflammatory mediator concentrations in chronic cough. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 15-9	10.2	150
219	Oxidation of the alarmin IL-33 regulates ST2-dependent inflammation. <i>Nature Communications</i> , 2015 , 6, 8327	17.4	140
218	Systems medicine and integrated care to combat chronic noncommunicable diseases. <i>Genome Medicine</i> , 2011 , 3, 43	14.4	137

217	Sputum and bronchial submucosal IL-13 expression in asthma and eosinophilic bronchitis. <i>Journal of Allergy and Clinical Immunology</i> , 2004 , 114, 1106-9	11.5	136
216	A comparison of the validity of different diagnostic tests in adults with asthma. <i>Chest</i> , 2002 , 121, 1051-7	5.3	136
215	Ciliary dysfunction and ultrastructural abnormalities are features of severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 722-729.e2	11.5	134
214	Clinical, radiologic, and induced sputum features of chronic obstructive pulmonary disease in nonsmokers: a descriptive study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 1078-83	10.2	134
213	Outcomes after cessation of mepolizumab therapy in severe eosinophilic asthma: a 12-month follow-up analysis. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 921-3	11.5	132
212	Airway smooth muscle and mast cell-derived CC chemokine ligand 19 mediate airway smooth muscle migration in asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006 , 174, 1179-88	10.2	124
211	An empiric integrative approach to the management of cough: ACCP evidence-based clinical practice guidelines. <i>Chest</i> , 2006 , 129, 222S-231S	5.3	123
210	Tralokinumab for severe, uncontrolled asthma (STRATOS 1 and STRATOS 2): two randomised, double-blind, placebo-controlled, phase 3 clinical trials. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 511-525	35.1	119
209	Blood eosinophil guided prednisolone therapy for exacerbations of COPD: a further analysis. <i>European Respiratory Journal</i> , 2014 , 44, 789-91	13.6	115
208	Procalcitonin and C-reactive protein in hospitalized adult patients with community-acquired pneumonia or exacerbation of asthma or COPD. <i>Chest</i> , 2011 , 139, 1410-1418	5.3	115
207	Chronic cough due to nonasthmatic eosinophilic bronchitis: ACCP evidence-based clinical practice guidelines. <i>Chest</i> , 2006 , 129, 116S-121S	5.3	113
206	Moderate-to-severe asthma in individuals of European ancestry: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 20-34	35.1	109
205	Exploring the relevance and extent of small airways dysfunction in asthma (ATLANTIS): baseline data from a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 402-416	35.1	108
204	Fibrocyte localization to the airway smooth muscle is a feature of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2009 , 123, 376-384	11.5	107
203	Clinical outcomes and inflammatory biomarkers in current smokers and exsmokers with severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2013 , 131, 1008-16	11.5	102
202	Blood Eosinophils and Outcomes in Severe Hospitalized Exacerbations of COPD. <i>Chest</i> , 2016 , 150, 320-8	5.3	100
201	IL-33 drives airway hyper-responsiveness through IL-13-mediated mast cell: airway smooth muscle crosstalk. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2015 , 70, 556-67	9.3	100
200	Integrin $\alpha 5 \beta 1$ -mediated TGF- β activation by airway smooth muscle cells in asthma. <i>Journal of Immunology</i> , 2011 , 187, 6094-107	5.3	100

199	Eosinophilic airway inflammation in COPD. <i>International Journal of COPD</i> , 2006 , 1, 39-47	3	98
198	Tezepelumab in Adults and Adolescents with Severe, Uncontrolled Asthma. <i>New England Journal of Medicine</i> , 2021 , 384, 1800-1809	59.2	97
197	MACVIA clinical decision algorithm in adolescents and adults with allergic rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 138, 367-374.e2	11.5	95
196	Benralizumab for the Prevention of COPD Exacerbations. <i>New England Journal of Medicine</i> , 2019 , 381, 1023-1034	59.2	94
195	Clinical applications of induced sputum. <i>Chest</i> , 2006 , 129, 1344-8	5.3	94
194	Biological clustering supports both "Dutch" and "British" hypotheses of asthma and chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 63-72	11.5	88
193	Human airway smooth muscle promotes human lung mast cell survival, proliferation, and constitutive activation: cooperative roles for CADM1, stem cell factor, and IL-6. <i>Journal of Immunology</i> , 2008 , 181, 2772-80	5.3	88
192	<i>Aspergillus fumigatus</i> during stable state and exacerbations of COPD. <i>European Respiratory Journal</i> , 2014 , 43, 64-71	13.6	87
191	Quantitative computed tomography-derived clusters: redefining airway remodeling in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 729-38.e18	11.5	85
190	Biological exacerbation clusters demonstrate asthma and chronic obstructive pulmonary disease overlap with distinct mediator and microbiome profiles. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 2027-2036.e12	11.5	83
189	Routine processing procedures for isolating filamentous fungi from respiratory sputum samples may underestimate fungal prevalence. <i>Medical Mycology</i> , 2012 , 50, 433-8	3.9	81
188	Statistical cluster analysis of the British Thoracic Society Severe refractory Asthma Registry: clinical outcomes and phenotype stability. <i>PLoS ONE</i> , 2014 , 9, e102987	3.7	80
187	Lung damage and airway remodelling in severe asthma. <i>Clinical and Experimental Allergy</i> , 2012 , 42, 638-49.1	4.1	79
186	The role of CT scanning in multidimensional phenotyping of COPD. <i>Chest</i> , 2011 , 140, 634-642	5.3	77
185	Pathogenesis of asthma: implications for precision medicine. <i>Clinical Science</i> , 2017 , 131, 1723-1735	6.5	75
184	Cooperative molecular and cellular networks regulate Toll-like receptor-dependent inflammatory responses. <i>FASEB Journal</i> , 2006 , 20, 2153-5	0.9	74
183	Effect of tralokinumab, an interleukin-13 neutralising monoclonal antibody, on eosinophilic airway inflammation in uncontrolled moderate-to-severe asthma (MESOS): a multicentre, double-blind, randomised, placebo-controlled phase 2 trial. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 499-510	35.1	74
182	Quantitative analysis of high-resolution computed tomography scans in severe asthma subphenotypes. <i>Thorax</i> , 2010 , 65, 775-81	7.3	73

181	Blood and sputum eosinophils in COPD; relationship with bacterial load. <i>Respiratory Research</i> , 2017 , 18, 88	7.3	72
180	Differential expression of CCR3 and CXCR3 by human lung and bone marrow-derived mast cells: implications for tissue mast cell migration. <i>Journal of Leukocyte Biology</i> , 2005 , 77, 759-66	6.5	70
179	OX40/OX40 ligand interactions in T-cell regulation and asthma. <i>Chest</i> , 2012 , 141, 494-499	5.3	68
178	Sputum microbiome temporal variability and dysbiosis in chronic obstructive pulmonary disease exacerbations: an analysis of the COPDMAP study. <i>Thorax</i> , 2018 , 73, 331-338	7.3	67
177	Airway inflammation in COPD: progress to precision medicine. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	65
176	Socio-demographic heterogeneity in the prevalence of COVID-19 during lockdown is associated with ethnicity and household size: Results from an observational cohort study. <i>EClinicalMedicine</i> , 2020 , 25, 100466	11.3	65
175	Relationship between lung function and quantitative computed tomographic parameters of airway remodeling, air trapping, and emphysema in patients with asthma and chronic obstructive pulmonary disease: A single-center study. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1413-1422.e12	11.5	62
174	Effectiveness of voriconazole in the treatment of <i>Aspergillus fumigatus</i> -associated asthma (EVITA3 study). <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 134, 33-9	11.5	60
173	Meta-analysis of asthma-related hospitalization in mepolizumab studies of severe eosinophilic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1167-1175.e2	11.5	60
172	Association between pathogens detected using quantitative polymerase chain reaction with airway inflammation in COPD at stable state and exacerbations. <i>Chest</i> , 2015 , 147, 46-55	5.3	58
171	Human airway smooth muscle cells from asthmatic individuals have CXCL8 hypersecretion due to increased NF-kappa B p65, C/EBP beta, and RNA polymerase II binding to the CXCL8 promoter. <i>Journal of Immunology</i> , 2009 , 183, 4682-92	5.3	58
170	Physical, cognitive, and mental health impacts of COVID-19 after hospitalisation (PHOSP-COVID): a UK multicentre, prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1275-1287	35.1	58
169	Relationship between blood and bronchial submucosal eosinophilia and reticular basement membrane thickening in chronic obstructive pulmonary disease. <i>Respirology</i> , 2015 , 20, 667-70	3.6	57
168	Interleukin-13: prospects for new treatments. <i>Clinical and Experimental Allergy</i> , 2010 , 40, 42-9	4.1	56
167	Asthma therapy and its effect on airway remodelling. <i>Drugs</i> , 2014 , 74, 1345-69	12.1	53
166	Eosinophil protein in airway macrophages: a novel biomarker of eosinophilic inflammation in patients with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2010 , 126, 61-9.e3	11.5	53
165	Idiopathic chronic cough and organ-specific autoimmune diseases: a case-control study. <i>Respiratory Medicine</i> , 2004 , 98, 242-6	4.6	53
164	Impaired Mitochondrial Microbicidal Responses in Chronic Obstructive Pulmonary Disease Macrophages. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 845-855	10.2	51

163	Adenosine closes the K ⁺ channel KCa3.1 in human lung mast cells and inhibits their migration via the adenosine A2A receptor. <i>European Journal of Immunology</i> , 2007 , 37, 1653-62	6.1	49
162	Airway bacteria measured by quantitative polymerase chain reaction and culture in patients with stable COPD: relationship with neutrophilic airway inflammation, exacerbation frequency, and lung function. <i>International Journal of COPD</i> , 2015 , 10, 1075-83	3	47
161	Origins of increased airway smooth muscle mass in asthma. <i>BMC Medicine</i> , 2013 , 11, 145	11.4	46
160	Cabbage and fermented vegetables: From death rate heterogeneity in countries to candidates for mitigation strategies of severe COVID-19. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 735-750	9.3	46
159	COPD exacerbation severity and frequency is associated with impaired macrophage efferocytosis of eosinophils. <i>BMC Pulmonary Medicine</i> , 2014 , 14, 112	3.5	45
158	CCL2 release by airway smooth muscle is increased in asthma and promotes fibrocyte migration. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2014 , 69, 1189-97	9.3	45
157	Biomarkers predicting response to corticosteroid therapy in asthma. <i>Treatments in Respiratory Medicine</i> , 2005 , 4, 309-16		44
156	Abnormal histone methylation is responsible for increased vascular endothelial growth factor 165a secretion from airway smooth muscle cells in asthma. <i>Journal of Immunology</i> , 2012 , 189, 819-31	5.3	43
155	D prostanoid receptor 2 (chemoattractant receptor-homologous molecule expressed on TH2 cells) protein expression in asthmatic patients and its effects on bronchial epithelial cells. <i>Journal of Allergy and Clinical Immunology</i> , 2015 , 135, 395-406	11.5	42
154	Mast cell-airway smooth muscle crosstalk: the role of thymic stromal lymphopoietin. <i>Chest</i> , 2012 , 142, 76-85	5.3	42
153	Bronchoalveolar lavage invariant natural killer T cells are not increased in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2007 , 119, 1274-6	11.5	42
152	CXCL8 histone H3 acetylation is dysfunctional in airway smooth muscle in asthma: regulation by BET. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015 , 308, L962-72	5.8	41
151	Phenotyping the heterogeneity of chronic obstructive pulmonary disease. <i>Clinical Science</i> , 2013 , 124, 371-87	6.5	41
150	Differential Effects of p38, MAPK, PI3K or Rho Kinase Inhibitors on Bacterial Phagocytosis and Efferocytosis by Macrophages in COPD. <i>PLoS ONE</i> , 2016 , 11, e0163139	3.7	41
149	Opsonic Phagocytosis in Chronic Obstructive Pulmonary Disease Is Enhanced by Nrf2 Agonists. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 739-750	10.2	40
148	Clinical utility of fractional exhaled nitric oxide in severe asthma management. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	38
147	Asthmatic airway smooth muscle CXCL10 production: mitogen-activated protein kinase JNK involvement. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2012 , 302, L1118-27	5.8	38
146	Computational modeling of the obstructive lung diseases asthma and COPD. <i>Journal of Translational Medicine</i> , 2014 , 12 Suppl 2, S5	8.5	37

145	uPAR regulates bronchial epithelial repair in vitro and is elevated in asthmatic epithelium. <i>Thorax</i> , 2012 , 67, 477-87	7.3	36
144	Effectiveness of fevipiprant in reducing exacerbations in patients with severe asthma (LUSTER-1 and LUSTER-2): two phase 3 randomised controlled trials. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 43-56 ^{35.1}	35.1	35
143	Composite type-2 biomarker strategy versus a symptom-risk-based algorithm to adjust corticosteroid dose in patients with severe asthma: a multicentre, single-blind, parallel group, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 57-68	35.1	35
142	Eosinophils as diagnostic tools in chronic lung disease. <i>Expert Review of Respiratory Medicine</i> , 2013 , 7, 33-42	3.8	34
141	Computed tomography scans in severe asthma: utility and clinical implications. <i>Current Opinion in Pulmonary Medicine</i> , 2012 , 18, 42-7	3	34
140	Expression and activation of the oxytocin receptor in airway smooth muscle cells: Regulation by TNFalpha and IL-13. <i>Respiratory Research</i> , 2010 , 11, 104	7.3	34
139	Development and Analysis of Patient-Based Complete Conducting Airways Models. <i>PLoS ONE</i> , 2015 , 10, e0144105	3.7	34
138	HMGB1 is upregulated in the airways in asthma and potentiates airway smooth muscle contraction via TLR4. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 584-587.e8	11.5	33
137	Blood Eosinophil Counts in Clinical Trials for Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 660-671	10.2	33
136	How to diagnose and phenotype asthma. <i>Clinics in Chest Medicine</i> , 2012 , 33, 445-57	5.3	33
135	Pivotal Advance: Expansion of small sputum macrophages in CF: failure to express MARCO and mannose receptors. <i>Journal of Leukocyte Biology</i> , 2009 , 86, 479-89	6.5	33
134	DP antagonism reduces airway smooth muscle mass in asthma by decreasing eosinophilia and myofibroblast recruitment. <i>Science Translational Medicine</i> , 2019 , 11,	17.5	33
133	Neutrophil elastase as a biomarker for bacterial infection in COPD. <i>Respiratory Research</i> , 2019 , 20, 170	7.3	32
132	NADPH Oxidase-4 Overexpression Is Associated With Epithelial Ciliary Dysfunction in Neutrophilic Asthma. <i>Chest</i> , 2016 , 149, 1445-59	5.3	31
131	Eosinophils, bronchitis and asthma: pathogenesis of cough and airflow obstruction. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011 , 24, 324-7	3.5	31
130	Lung clearance index in adults with non-cystic fibrosis bronchiectasis. <i>Respiratory Research</i> , 2014 , 15, 59	7.3	29
129	Primary human airway epithelial cell-dependent inhibition of human lung mast cell degranulation. <i>PLoS ONE</i> , 2012 , 7, e43545	3.7	28
128	Global Initiative for Asthma (GINA) Strategy 2021 - Executive summary and rationale for key changes. <i>European Respiratory Journal</i> , 2021 ,	13.6	28

127	, and study challenges the impact of bronchial thermoplasty on acute airway smooth muscle mass loss. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	27
126	Influence of lung CT changes in chronic obstructive pulmonary disease (COPD) on the human lung microbiome. <i>PLoS ONE</i> , 2017 , 12, e0180859	3.7	27
125	The sputum microbiome is distinct between COPD and health, independent of smoking history. <i>Respiratory Research</i> , 2020 , 21, 183	7.3	26
124	Increased glutaredoxin-1 and decreased protein S-glutathionylation in sputum of asthmatics. <i>European Respiratory Journal</i> , 2013 , 41, 469-72	13.6	25
123	Airway impedance entropy and exacerbations in severe asthma. <i>European Respiratory Journal</i> , 2012 , 40, 1156-63	13.6	25
122	The re-emergence of the mast cell as a pivotal cell in asthma pathogenesis. <i>Current Allergy and Asthma Reports</i> , 2005 , 5, 130-5	5.6	25
121	Characterization of acinar airspace involvement in asthmatic patients by using inert gas washout and hyperpolarized (3)helium magnetic resonance. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 417-25	11.5	24
120	An RGS4-mediated phenotypic switch of bronchial smooth muscle cells promotes fixed airway obstruction in asthma. <i>PLoS ONE</i> , 2012 , 7, e28504	3.7	24
119	Eosinophilic bronchitis: clinical features, management and pathogenesis. <i>Treatments in Respiratory Medicine</i> , 2003 , 2, 169-73		24
118	New and emerging drug treatments for severe asthma. <i>Clinical and Experimental Allergy</i> , 2018 , 48, 241-252	5.2	23
117	Cough due to asthma and nonasthmatic eosinophilic bronchitis. <i>Lung</i> , 2010 , 188 Suppl 1, S13-7	2.9	23
116	The utility of the mannitol challenge in the assessment of chronic cough: a pilot study. <i>Cough</i> , 2008 , 4, 10		23
115	Airway smooth muscle NOX4 is upregulated and modulates ROS generation in COPD. <i>Respiratory Research</i> , 2016 , 17, 84	7.3	23
114	Effect of tezepelumab on airway inflammatory cells, remodelling, and hyperresponsiveness in patients with moderate-to-severe uncontrolled asthma (CASCADE): a double-blind, randomised, placebo-controlled, phase 2 trial. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1299-1312	35.1	23
113	Associations in asthma between quantitative computed tomography and bronchial biopsy-derived airway remodelling. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	22
112	Cough due to asthma, cough-variant asthma and non-asthmatic eosinophilic bronchitis. <i>Otolaryngologic Clinics of North America</i> , 2010 , 43, 123-30, x	2	22
111	The Eva study: aims and strategy. <i>European Respiratory Journal</i> , 2012 , 40, 823-9	13.6	22
110	Chemokine concentrations and mast cell chemotactic activity in BAL fluid in patients with eosinophilic bronchitis and asthma, and in normal control subjects. <i>Chest</i> , 2006 , 130, 371-8	5.3	22

109	Inflammatory Endotype-associated Airway Microbiome in Chronic Obstructive Pulmonary Disease Clinical Stability and Exacerbations: A Multicohort Longitudinal Analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 1488-1502	10.2	21
108	ARIA digital anamorphosis: Digital transformation of health and care in airway diseases from research to practice. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 168-190	9.3	21
107	Sputum microbiome profiling in COPD: beyond singular pathogen detection. <i>Thorax</i> , 2020 , 75, 338-344	7.3	20
106	The stability of blood Eosinophils in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2020 , 21, 15	7.3	20
105	Fevipirant in the treatment of asthma. <i>Expert Opinion on Investigational Drugs</i> , 2018 , 27, 199-207	5.9	20
104	Functional CT imaging for identification of the spatial determinants of small-airways disease in adults with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 83-93	11.5	19
103	Airway pathological heterogeneity in asthma: Visualization of disease microclusters using topological data analysis. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1457-1468	11.5	19
102	Nociceptin/orphanin FQ (N/OFQ) modulates immunopathology and airway hyperresponsiveness representing a novel target for the treatment of asthma. <i>British Journal of Pharmacology</i> , 2016 , 173, 1286-301	8.6	19
101	A randomised pragmatic trial of corticosteroid optimization in severe asthma using a composite biomarker algorithm to adjust corticosteroid dose versus standard care: study protocol for a randomised trial. <i>Trials</i> , 2018 , 19, 5	2.8	19
100	The impact of the prostaglandin D receptor 2 and its downstream effects on the pathophysiology of asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 761-768	9.3	19
99	Exome-wide analysis of rare coding variation identifies novel associations with COPD and airflow limitation in MOCS3, IFIT3 and SERPINA12. <i>Thorax</i> , 2016 , 71, 501-9	7.3	18
98	T2 Biologics for Chronic Obstructive Pulmonary Disease. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019 , 7, 1405-1416	5.4	18
97	Regulator of G-protein signaling-5 inhibits bronchial smooth muscle contraction in severe asthma. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2012 , 46, 823-32	5.7	18
96	Global Initiative for Asthma (GINA) Strategy 2021 - Executive Summary and Rationale for Key Changes. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 ,	10.2	18
95	Physical, cognitive and mental health impacts of COVID-19 following hospitalisation in a multi-centre prospective cohort study		17
94	In vivo imaging reveals increased eosinophil uptake in the lungs of obese asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 142, 1659-1662.e8	11.5	17
93	Regional Ventilation Changes in the Lung: Treatment Response Mapping by Using Hyperpolarized Gas MR Imaging as a Quantitative Biomarker. <i>Radiology</i> , 2017 , 284, 854-861	20.5	16
92	Chronic obstructive pulmonary disease phenotypes, biomarkers, and prognostic indicators. <i>Allergy and Asthma Proceedings</i> , 2016 , 37, 432-438	2.6	16

91	Cough and Eosinophilia. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2019 , 7, 1740-1747	5.4	16
90	Sputum mediator profiling and relationship to airway wall geometry imaging in severe asthma. <i>Respiratory Research</i> , 2013 , 14, 17	7.3	16
89	A method for quantitative analysis of regional lung ventilation using deformable image registration of CT and hybrid hyperpolarized gas/ ¹ H MRI. <i>Physics in Medicine and Biology</i> , 2014 , 59, 7267-77	3.8	16
88	Blood eosinophil count and airway epithelial transcriptome relationships in COPD versus asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 370-380	9.3	16
87	Sputum microbiomic clustering in asthma and chronic obstructive pulmonary disease reveals a Haemophilus-predominant subgroup. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 808-817	9.3	16
86	Microbiome balance in sputum determined by PCR stratifies COPD exacerbations and shows potential for selective use of antibiotics. <i>PLoS ONE</i> , 2017 , 12, e0182833	3.7	15
85	Multi-omic meta-analysis identifies functional signatures of airway microbiome in chronic obstructive pulmonary disease. <i>ISME Journal</i> , 2020 , 14, 2748-2765	11.9	15
84	Bacteria and sputum inflammatory cell counts; a COPD cohort analysis. <i>Respiratory Research</i> , 2020 , 21, 289	7.3	15
83	Assessment of breath volatile organic compounds in acute cardiorespiratory breathlessness: a protocol describing a prospective real-world observational study. <i>BMJ Open</i> , 2019 , 9, e025486	3	14
82	Biologic Drugs: A New Target Therapy in COPD?. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2018 , 15, 99-107	2	14
81	The inflammatory profile of exacerbations in patients with severe refractory eosinophilic asthma receiving mepolizumab (the MEX study): a prospective observational study. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1174-1184	35.1	14
80	Between-visit variability of small airway obstruction markers in patients with asthma. <i>European Respiratory Journal</i> , 2014 , 44, 242-4	13.6	13
79	Pre-eclampsia is associated with airway hyperresponsiveness. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2008 , 115, 520-2	3.7	13
78	Mast cell infiltration of airway smooth muscle in asthma. <i>Respiratory Medicine</i> , 2007 , 101, 1045; author reply 1046-7	4.6	13
77	Face mask sampling reveals antimicrobial resistance genes in exhaled aerosols from patients with chronic obstructive pulmonary disease and healthy volunteers. <i>BMJ Open Respiratory Research</i> , 2018 , 5, e000321	5.6	13
76	Severe asthma: novel advances in the pathogenesis and therapy. <i>Polish Archives of Internal Medicine</i> , 2014 , 124, 247-54	1.9	12
75	A Refined View of Airway Microbiome in Chronic Obstructive Pulmonary Disease at Species and Strain-Levels. <i>Frontiers in Microbiology</i> , 2020 , 11, 1758	5.7	12
74	The effects of nociceptin peptide (N/OFQ)-receptor (NOP) system activation in the airways. <i>Peptides</i> , 2013 , 39, 36-46	3.8	11

73	Phenotypic and functional translation of IL1RL1 locus polymorphisms in lung tissue and asthmatic airway epithelium. <i>JCI Insight</i> , 2020 , 5,	9.9	11
72	Effect of Anti-IL-13 Treatment on Airway Dimensions in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016 , 194, 118-20	10.2	11
71	Investigating the role of pentraxin 3 as a biomarker for bacterial infection in subjects with COPD. <i>International Journal of COPD</i> , 2017 , 12, 1199-1205	3	10
70	Modelling the effect of gravity on inert-gas washout outputs. <i>Physiological Reports</i> , 2018 , 6, e13709	2.6	10
69	Adapting the Electrospinning Process to Provide Three Unique Environments for a Tri-layered In Vitro Model of the Airway Wall. <i>Journal of Visualized Experiments</i> , 2015 , e52986	1.6	10
68	Systemic and pulmonary inflammation is independent of skeletal muscle changes in patients with chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2014 , 9, 975-81	3	10
67	Phenotypic and functional translation of IL33 genetics in asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 144-157	11.5	10
66	Human group 2 innate lymphoid cells do not express the IL-5 receptor. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 140, 1430-1433.e4	11.5	9
65	Managing Chronic Cough Due to Asthma and NAEB in Adults and Adolescents: CHEST Guideline and Expert Panel Report. <i>Chest</i> , 2020 , 158, 68-96	5.3	9
64	Sputum Inflammatory Mediators Are Increased in Aspergillus fumigatus Culture-Positive Asthmatics. <i>Allergy, Asthma and Immunology Research</i> , 2017 , 9, 177-181	5.3	9
63	Urgent need for pragmatic trial platforms in severe asthma. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 581-583	35.1	9
62	Toll-like receptor 9 dependent interferon- γ release is impaired in severe asthma but is not associated with exacerbation frequency. <i>Immunobiology</i> , 2015 , 220, 859-64	3.4	9
61	Effect of levofloxacin on neutrophilic airway inflammation in stable COPD: a randomized, double-blind, placebo-controlled trial. <i>International Journal of COPD</i> , 2014 , 9, 179-86	3	9
60	Sputum induction in asthma: a research technique or a clinical tool?. <i>Chest</i> , 2006 , 129, 503-4	5.3	9
59	Peak expiratory flow sequence in acute exacerbations of asthma. <i>BMJ: British Medical Journal</i> , 2001 , 322, 1281		9
58	Resistome analyses of sputum from COPD and healthy subjects reveals bacterial load-related prevalence of target genes. <i>Thorax</i> , 2020 , 75, 8-16	7.3	9
57	Sputum is reduced in COPD following treatment with benralizumab. <i>International Journal of COPD</i> , 2019 , 14, 1177-1185	3	8
56	[Ca ²⁺] _i oscillations in ASM: relationship with persistent airflow obstruction in asthma. <i>Respirology</i> , 2014 , 19, 763-6	3.6	8

55	Immunopathogenesis of severe asthma. <i>Current Pharmaceutical Design</i> , 2011 , 17, 667-73	3.3	8
54	Airways disease: phenotyping heterogeneity using measures of airway inflammation. <i>Allergy, Asthma and Clinical Immunology</i> , 2007 , 3, 60-9	3.2	8
53	Multi-omics links IL-6 trans-signalling with neutrophil extracellular trap formation and infection in COPD. <i>European Respiratory Journal</i> , 2021 , 58,	13.6	8
52	Lung microbiome composition and bronchial epithelial gene expression in patients with COPD versus healthy individuals: a bacterial 16S rRNA gene sequencing and host transcriptomic analysis.. <i>Lancet Microbe, The</i> , 2021 , 2, e300-e310	22.2	8
51	Mepolizumab does not alter the blood basophil count in severe asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 2488-2490	9.3	7
50	Temporal assessment of airway remodeling in severe asthma using quantitative computed tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 107-10	10.2	7
49	Effects of older age and age of asthma onset on clinical and inflammatory variables in severe refractory asthma. <i>Respiratory Medicine</i> , 2016 , 118, 46-52	4.6	7
48	Pathophysiological regulation of lung function by the free fatty acid receptor FFA4. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	6
47	No evidence for altered intracellular calcium-handling in airway smooth muscle cells from human subjects with asthma. <i>BMC Pulmonary Medicine</i> , 2015 , 15, 12	3.5	5
46	Increased ventilation heterogeneity in asthma can be attributed to proximal bronchioles. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	5
45	ST2 expression and release by the bronchial epithelium is downregulated in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2020 , 75, 3184-3194	9.3	5
44	Cigarette Smoke and the Induction of Urokinase Plasminogen Activator Receptor In Vivo: Selective Contribution of Isoforms to Bronchial Epithelial Phenotype. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015 , 53, 174-83	5.7	5
43	Mepolizumab for the reduction of exacerbations in severe eosinophilic asthma. <i>Expert Review of Respiratory Medicine</i> , 2016 , 10, 607-17	3.8	5
42	Novel imaging approaches in adult asthma and their clinical potential. <i>Expert Review of Clinical Immunology</i> , 2015 , 11, 1147-62	5.1	4
41	FourFold Asthma Study (FAST): a study protocol for a randomised controlled trial evaluating the clinical cost-effectiveness of temporarily quadrupling the dose of inhaled steroid to prevent asthma exacerbations. <i>Trials</i> , 2016 , 17, 499	2.8	4
40	Synthetic response of stimulated respiratory epithelium: modulation by prednisolone and iKK2 inhibition. <i>Chest</i> , 2013 , 143, 1656-1666	5.3	4
39	The pharmacology of the prostaglandin D receptor 2 (DP) receptor antagonist, fevipiprant. <i>Pulmonary Pharmacology and Therapeutics</i> , 2021 , 68, 102030	3.5	4
38	Comment on "Unraveling a Clinical Paradox: Why Does Bronchial Thermoplasty Work in Asthma?". <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 61, 660-661	5.7	4

37	Tensin1 expression and function in chronic obstructive pulmonary disease. <i>Scientific Reports</i> , 2019 , 9, 18942	4.9	4
36	Clinical trial research in focus: do trials prepare us to deliver precision medicine in those with severe asthma?. <i>Lancet Respiratory Medicine</i> , 2017 , 5, 92-95	35.1	3
35	Comparison of CT ventilation imaging and hyperpolarised gas MRI: effects of breathing manoeuvre. <i>Physics in Medicine and Biology</i> , 2019 , 64, 055013	3.8	3
34	Cohort Profile: Extended Cohort for E-health, Environment and DNA (EXCEED). <i>International Journal of Epidemiology</i> , 2019 , 48, 678-679j	7.8	3
33	Imaging advances in asthma. <i>Expert Opinion on Medical Diagnostics</i> , 2011 , 5, 453-65		3
32	Use of the ReCIVA device in breath sampling of patients with acute breathlessness: a feasibility study. <i>ERJ Open Research</i> , 2020 , 6,	3.5	3
31	Temporarily quadrupling the dose of inhaled steroid to prevent asthma exacerbations: FAST. <i>Health Technology Assessment</i> , 2018 , 22, 1-82	4.4	3
30	Proning reduces ventilation heterogeneity in patients with elevated BMI: implications for COVID-19 pneumonia management?. <i>ERJ Open Research</i> , 2020 , 6,	3.5	3
29	Circulating fibrocytes: Will the real fibrocyte please stand up?. <i>Journal of Allergy and Clinical Immunology</i> , 2016 , 137, 1625-6	11.5	3
28	Factors Associated with Frequent Exacerbations in the UK Severe Asthma Registry. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021 , 9, 2691-2701.e1	5.4	3
27	Pharmacological treatment of bacterial infections of the respiratory tract. <i>Anaesthesia and Intensive Care Medicine</i> , 2018 , 19, 72-75	0.3	2
26	Pharmacological treatment of bacterial infections of the respiratory tract. <i>Anaesthesia and Intensive Care Medicine</i> , 2011 , 12, 522-525	0.3	2
25	Eosinophils in asthma and airway hyperresponsiveness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2004 , 169, 131-2; author reply 132-3	10.2	2
24	Fibrocyte localisation to the ASM bundle in asthma: bidirectional effects on cell phenotype and behaviour. <i>Clinical and Translational Immunology</i> , 2020 , 9, e1205	6.8	2
23	Volatile organic compounds in a headspace sampling system and asthmatics sputum samples. <i>Journal of Breath Research</i> , 2020 ,	3.1	2
22	Sputum strains exhibit diversity within and between COPD subjects. <i>International Journal of COPD</i> , 2018 , 13, 3663-3667	3	2
21	Pharmacological treatment of bacterial infections of the respiratory tract. <i>Anaesthesia and Intensive Care Medicine</i> , 2015 , 16, 79-82	0.3	1
20	Destination Airway: Tracking Granulocytes in Asthma. <i>EBioMedicine</i> , 2014 , 1, 105-6	8.8	1

19	Visual vs Automated Assessment of Emphysema: Response. <i>Chest</i> , 2011 , 140, 1385	5.3	1
18	Clinical Applications of Induced Sputum. <i>Chest</i> , 2006 , 130, 1626-1627	5.3	1
17	Association of gut-related metabolites with respiratory symptoms in COVID-19: A proof-of-concept study.. <i>Nutrition</i> , 2022 , 96, 111585	4.8	1
16	COPD in the time of COVID-19: An analysis of acute exacerbations and reported behavioural changes in patients with COPD		1
15	Global Initiative for Asthma Strategy 2021. Executive Summary and Rationale for Key Changes.. <i>Archivos De Bronconeumologia</i> , 2022 , 58, 35-51	0.7	1
14	Peripheral and proximal lung ventilation in asthma: Short-term variation and response to bronchodilator inhalation. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 2154-2161.e6	11.5	1
13	Interleukin-18, IL-18 binding protein and IL-18 receptor expression in asthma: a hypothesis showing IL-18 promotes epithelial cell differentiation. <i>Clinical and Translational Immunology</i> , 2021 , 10, e1301	6.8	1
12	Pathological disease in the lung periphery after acute COVID-19. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1089-1090	35.1	1
11	Letter from the UK. <i>Respirology</i> , 2020 , 25, 1323-1324	3.6	0
10	The different phenotypes of COPD. <i>British Medical Bulletin</i> , 2021 , 137, 82-97	5.4	0
9	Emerging Therapies in Severe Eosinophilic Asthma. <i>Archivos De Bronconeumologia</i> , 2017 , 53, 233-234	0.7	
8	Detection of Cell-Dissociated Non-Typeable in the Airways of Patients with Chronic Obstructive Pulmonary Disease. <i>International Journal of COPD</i> , 2020 , 15, 1357-1365	3	
7	Reply: To PMID 24238646. <i>Journal of Allergy and Clinical Immunology</i> , 2014 , 133, 1777-8	11.5	
6	Procalcitonin vs Clinical and Chest Film Findings to Diagnose Community-Acquired Pneumonia in Patients With Acute Asthma or Acute Exacerbations of Chronic Bronchitis: Response. <i>Chest</i> , 2011 , 140, 1668	5.3	
5	Imaging severe asthma 2019 , 113-131		
4	Cytokine-Specific Therapy in Asthma 2014 , 1491-1502		
3	Lung Imaging 2014 , 1056-1065		
2	High degree of polyclonality hinders somatic mutation calling in lung brush samples of COPD cases and controls. <i>Scientific Reports</i> , 2019 , 9, 20158	4.9	

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