

Kian Fan Chung

List of Publications by Year in Descending Order

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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.

636
papers

41,234
citations

104
h-index

179
g-index

726
ext. papers

47,694
ext. citations

8.1
avg, IF

7.47
L-index

#	Paper	IF	Citations
636	Adult Severe Asthma 2022 , 383-399		
635	Interactions of chemical components in ambient PM with influenza viruses. <i>Journal of Hazardous Materials</i> , 2022 , 423, 127243	12.8	6
634	Severe eosinophilic asthma in Chinese C-BIOPRED asthma cohort.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e710	5.7	0
633	The impacts of ambient relative humidity and temperature on supine position-related obstructive sleep apnea in adults.. <i>Environmental Science and Pollution Research</i> , 2022 , 1	5.1	1
632	Lung toxicity of particulates and gaseous pollutants using ex-vivo airway epithelial cell culture systems.. <i>Environmental Pollution</i> , 2022 , 305, 119323	9.3	1
631	Long-COVID severe refractory cough: discussion of a case with 6-week longitudinal cough characterization.. <i>Asia Pacific Allergy</i> , 2022 , 12, e19	1.9	0
630	Clinical and transcriptomic features of persistent exacerbation-prone severe asthma in U-BIOPRED cohort.. <i>Clinical and Translational Medicine</i> , 2022 , 12, e816	5.7	2
629	Chronic cough in asthma is associated with increased airway inflammation, more comorbidities, and worse clinical outcomes.. <i>Allergy and Asthma Proceedings</i> , 2022 , 43, 209-219	2.6	2
628	Influence of Comorbidities and Airway Clearance on Mortality and Outcomes of Patients With Severe Bronchiectasis Exacerbations in Taiwan.. <i>Frontiers in Medicine</i> , 2021 , 8, 812775	4.9	2
627	Clinical and Inflammatory Characteristics of the Chinese APAC Cough Variant Asthma Cohort.. <i>Frontiers in Medicine</i> , 2021 , 8, 807385	4.9	1
626	Patients' Experiences of asthma exacerbation and management: a qualitative study of severe asthma. <i>ERJ Open Research</i> , 2021 , 7,	3.5	3
625	Plasma proteins elevated in severe asthma despite oral steroid use and unrelated to Type-2 inflammation. <i>European Respiratory Journal</i> , 2021 ,	13.6	1
624	A multi-omics approach to delineate sputum microbiome-associated asthma inflammatory phenotypes. <i>European Respiratory Journal</i> , 2021 ,	13.6	1
623	Interstitial lung abnormalities: What do we know and how do we manage?. <i>Expert Review of Respiratory Medicine</i> , 2021 , 15, 1551-1561	3.8	
622	Molecular mechanisms of oxidative stress in asthma. <i>Molecular Aspects of Medicine</i> , 2021 , 101026	16.7	8
621	ORMDL3 regulates cigarette smoke-induced endoplasmic reticulum stress in airway smooth muscle cells. <i>Journal of Allergy and Clinical Immunology</i> , 2021 ,	11.5	1
620	Chronic lung inflammation and pulmonary fibrosis after multiple intranasal instillation of PM in mice. <i>Environmental Toxicology</i> , 2021 , 36, 1434-1446	4.2	7

619	Mapping atopic dermatitis and anti-IL-22 response signatures to type 2-low severe neutrophilic asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2021 ,	11.5	2
618	Confronting COVID-19-associated cough and the post-COVID syndrome: role of viral neurotropism, neuroinflammation, and neuroimmune responses. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 533-544	35.1	53
617	Retrospective comparison of high-resolution computed tomography of eosinophilic granulomatosis with polyangiitis with severe asthma. <i>Annals of Translational Medicine</i> , 2021 , 9, 983	3.2	0
616	Altered gut microbiome compositions are associated with the severity of asthma. <i>Journal of Thoracic Disease</i> , 2021 , 13, 4322-4338	2.6	4
615	Sputum microbiome profiles identify severe asthma phenotypes of relative stability at 12 to 18 months. <i>Journal of Allergy and Clinical Immunology</i> , 2021 , 147, 123-134	11.5	21
614	Immune modulation via T regulatory cell enhancement: Disease-modifying therapies for autoimmunity and their potential for chronic allergic and inflammatory diseases-An EAACI position paper of the Task Force on Immunopharmacology (TIPCO). <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 380-383	9.3	8
613	Sputum macrophage diversity and activation in asthma: Role of severity and inflammatory phenotype. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 775-788	9.3	11
612	Urinary Leukotriene E and Prostaglandin D Metabolites Increase in Adult and Childhood Severe Asthma Characterized by Type 2 Inflammation. A Clinical Observational Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 37-53	10.2	22
611	Instability of sputum molecular phenotypes in U-BIOPRED severe asthma. <i>European Respiratory Journal</i> , 2021 , 57,	13.6	4
610	An overview of methods of fine and ultrafine particle collection for physicochemical characterisation and toxicity assessments. <i>Science of the Total Environment</i> , 2021 , 756, 143553	10.2	15
609	Type 2-low asthma phenotypes by integration of sputum transcriptomics and serum proteomics. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 380-383	9.3	4
608	Impact of Annual Exposure to Polycyclic Aromatic Hydrocarbons on Acute Exacerbation Frequency in Asthmatic Patients. <i>Journal of Asthma and Allergy</i> , 2021 , 14, 81-90	3.1	2
607	Association of endopeptidases, involved in SARS-CoV-2 infection, with microbial aggravation in sputum of severe asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 , 76, 1917-1921	9.3	1
606	Genome-Wide Association Study of Korean Asthmatics: A Comparison With UK Asthmatics. <i>Allergy, Asthma and Immunology Research</i> , 2021 , 13, 609-622	5.3	0
605	Urinary Amino-Polycyclic Aromatic Hydrocarbons in Urban Residents: Finding a Biomarker for Residential Exposure to Diesel Traffic. <i>Environmental Science & Technology</i> , 2021 , 55, 10569-10577	10.3	2
604	Medication Adherence in Patients With Severe Asthma Prescribed Oral Corticosteroids in the U-BIOPRED Cohort. <i>Chest</i> , 2021 , 160, 53-64	5.3	1
603	Benefits of Airway Androgen Receptor Expression in Human Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 204, 285-293	10.2	10
602	Abnormal ADAM17 expression causes airway fibrosis in chronic obstructive asthma. <i>Biomedicine and Pharmacotherapy</i> , 2021 , 140, 111701	7.5	4

601	Non-asthmatic eosinophilic bronchitis is characterized by proximal airway eosinophilic inflammation as compared with classic asthma and cough variant asthma. <i>Clinical and Experimental Allergy</i> , 2021 , 51, 1637-1640	4.1	1
600	Associations between lung-deposited dose of particulate matter and culture-positive pulmonary tuberculosis pleurisy. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	1
599	Association Between Air Pollution and Lung Lobar Emphysema in COPD. <i>Frontiers in Medicine</i> , 2021 , 8, 705792	4.9	1
598	An altered sputum macrophage transcriptome contributes to the neutrophilic asthma endotype. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021 ,	9.3	4
597	Increasing utility of FeNO as a biomarker of type-2 inflammation in severe asthma. <i>Lancet Respiratory Medicine</i> , 2021 , 9, 1083-1084	35.1	3
596	Upper Airways: Assessment and Treatment for Cough 2021 , 29-36		
595	Sputum ACE2, TMPRSS2 and FURIN gene expression in severe neutrophilic asthma. <i>Respiratory Research</i> , 2021 , 22, 10	7.3	19
594	genotype identifies glucocorticoid responsiveness in severe asthma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 2187-2193	11.5	15
593	Respiratory Viral Infections in Exacerbation of Chronic Airway Inflammatory Diseases: Novel Mechanisms and Insights From the Upper Airway Epithelium. <i>Frontiers in Cell and Developmental Biology</i> , 2020 , 8, 99	5.7	19
592	Effectiveness of myAirCoach: A mHealth Self-Management System in Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020 , 8, 1972-1979.e8	5.4	16
591	Vitamin D Metabolism Is Dysregulated in Asthma and Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 371-382	10.2	27
590	Toward personalization of asthma treatment according to trigger factors. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1529-1534	11.5	20
589	Characteristics and treatment regimens across ERS SHARP severe asthma registries. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	22
588	Early radiologic and bronchoscopic changes after bronchial thermoplasty in patients with severe asthma. <i>Experimental and Therapeutic Medicine</i> , 2020 , 20, 278	2.1	
587	Early radiologic and bronchoscopic changes after bronchial thermoplasty in patients with severe asthma. <i>Experimental and Therapeutic Medicine</i> , 2020 , 20, 1-1	2.1	
586	Effect of silver nanospheres and nanowires on human airway smooth muscle cells: role of sulfidation. <i>Nanoscale Advances</i> , 2020 , 2, 5635-5647	5.1	3
585	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
584	Exploring the clinical relevance of cough hypersensitivity syndrome. <i>Expert Review of Respiratory Medicine</i> , 2020 , 14, 275-284	3.8	10

583	Accounting for measurement error to assess the effect of air pollution on omic signals. <i>PLoS ONE</i> , 2020 , 15, e0226102	3.7	2
582	Role of Metabolic Reprogramming in Pulmonary Innate Immunity and Its Impact on Lung Diseases. <i>Journal of Innate Immunity</i> , 2020 , 12, 31-46	6.9	25
581	Asthma similarities across ProAR (Brazil) and U-BIOPRED (Europe) adult cohorts of contrasting locations, ethnicity and socioeconomic status. <i>Respiratory Medicine</i> , 2020 , 161, 105817	4.6	5
580	Mitochondrial dysfunction in airways and quadriceps muscle of patients with chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2020 , 21, 262	7.3	8
579	Oxidative Stress in Ozone-Induced Chronic Lung Inflammation and Emphysema: A Facet of Chronic Obstructive Pulmonary Disease. <i>Frontiers in Immunology</i> , 2020 , 11, 1957	8.4	42
578	eNose breath prints as a surrogate biomarker for classifying patients with asthma by atopy. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 146, 1045-1055	11.5	9
577	Pathophysiological regulation of lung function by the free fatty acid receptor FFA4. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	6
576	Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	185
575	Relationships between airborne pollutants, serum albumin adducts and short-term health outcomes in an experimental crossover study. <i>Chemosphere</i> , 2020 , 239, 124667	8.4	4
574	Pharmacotherapeutic Options for Chronic Refractory Cough. <i>Expert Opinion on Pharmacotherapy</i> , 2020 , 21, 1345-1358	4	6
573	Personal strategies to minimise effects of air pollution on respiratory health: advice for providers, patients and the public. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	30
572	ERS/EAACI statement on severe exacerbations in asthma in adults: facts, priorities and key research questions. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	22
571	Asthma phenotypes in a multi-ethnic Asian cohort. <i>Respiratory Medicine</i> , 2019 , 157, 42-48	4.6	6
570	Progress in cough hypersensitivity at the Tenth London International Cough Symposium 2018 (10th LICS 2018). <i>Pulmonary Pharmacology and Therapeutics</i> , 2019 , 59, 101850	3.5	0
569	Contribution of airway eosinophils in airway wall remodeling in asthma: Role of MMP-10 and MET. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1102-1112	9.3	20
568	Stratification of asthma phenotypes by airway proteomic signatures. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 70-82	11.5	28
567	Prevalence, risk factors, and management of asthma in China: a national cross-sectional study. <i>Lancet, The</i> , 2019 , 394, 407-418	40	180
566	Heterogeneity of cough hypersensitivity mediated by TRPV1 and TRPA1 in patients with chronic refractory cough. <i>Respiratory Research</i> , 2019 , 20, 112	7.3	25

565	Mitochondrial ROS and NLRP3 inflammasome in acute ozone-induced murine model of airway inflammation and bronchial hyperresponsiveness. <i>Free Radical Research</i> , 2019 , 53, 780-790	4	40
564	IL-17-high asthma with features of a psoriasis immunophenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 144, 1198-1213	11.5	43
563	Bromodomain and Extraterminal (BET) Protein Inhibition Restores Redox Balance and Inhibits Myofibroblast Activation. <i>BioMed Research International</i> , 2019 , 2019, 1484736	3	13
562	Functional effects of the microbiota in chronic respiratory disease. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 907-920	35.1	133
561	Epithelial dysregulation in obese severe asthmatics with gastro-oesophageal reflux. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	4
560	Precision medicine for the discovery of treatable mechanisms in severe asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 1649-1659	9.3	45
559	Predicting Response to Triamcinolone in Severe Asthma by Machine Learning. Solving the Enigma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 1299-1300	10.2	2
558	Epithelial IL-6 trans-signaling defines a new asthma phenotype with increased airway inflammation. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 577-590	11.5	90
557	Label-Free Time-of-Flight Secondary Ion Mass Spectrometry Imaging of Sulfur-Producing Enzymes inside Microglia Cells following Exposure to Silver Nanowires. <i>Analytical Chemistry</i> , 2019 , 91, 11098-11107	7.8	6
556	Blood eosinophil count correlates with severity of respiratory failure in life-threatening asthma and predicts risk of subsequent exacerbations. <i>Clinical and Experimental Allergy</i> , 2019 , 49, 1578-1586	4.1	7
555	TRPV1 and TRPA1 in Lung Inflammation and Airway Hyperresponsiveness Induced by Fine Particulate Matter (PM). <i>Oxidative Medicine and Cellular Longevity</i> , 2019 , 2019, 7450151	6.7	22
554	Transcriptional Effects of Ozone and Impact on Airway Inflammation. <i>Frontiers in Immunology</i> , 2019 , 10, 1610	8.4	25
553	Acute Respiratory Barrier Disruption by Ozone Exposure in Mice. <i>Frontiers in Immunology</i> , 2019 , 10, 2169	8.4	30
552	Characteristics and treatment regimens across ERS SHARP severe asthma registries 2019 ,		3
551	Future Risks in Patients With Severe Asthma. <i>Allergy, Asthma and Immunology Research</i> , 2019 , 11, 763-773	8.3	29
550	Age and Sex Distribution of Chinese Chronic Cough Patients and Their Relationship With Capsaicin Cough Sensitivity. <i>Allergy, Asthma and Immunology Research</i> , 2019 , 11, 871-884	5.3	17
549	The lung microbiome in obstructive airways disease: potential pathogenetic roles 2019 , 140-157		
548	Molecular phenotypes of severe asthma 2019 , 184-194		

547	Corticosteroid responsiveness and resistance in severe asthma 2019 , 211-230		1
546	Severe asthma: the next decade of continuing progress 2019 , 327-333		
545	Severe asthma management in adults 2019 , 315-326		
544	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
543	"T2-high" in severe asthma related to blood eosinophil, exhaled nitric oxide and serum periostin. <i>European Respiratory Journal</i> , 2019 , 53,	13.6	62
542	CSF3R/CD114 mediates infection-dependent transition to severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 785-788.e6	11.5	11
541	2-year safety and efficacy results for benralizumab. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 5-6	35.1	3
540	Protective effects of VGX-1027 in PM-induced airway inflammation and bronchial hyperresponsiveness. <i>European Journal of Pharmacology</i> , 2019 , 842, 373-383	5.3	15
539	Identification and prospective stability of electronic nose (eNose)-derived inflammatory phenotypes in patients with severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 1811-1820.e7	11.5	55
538	Roles of TRPA1 and TRPV1 in cigarette smoke -induced airway epithelial cell injury model. <i>Free Radical Biology and Medicine</i> , 2019 , 134, 229-238	7.8	46
537	Comparing biologicals and small molecule drug therapies for chronic respiratory diseases: An EAACI Taskforce on Immunopharmacology position paper. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 432-448	9.3	23
536	Impact of short-term traffic-related air pollution on the metabolome - Results from two metabolome-wide experimental studies. <i>Environment International</i> , 2019 , 123, 124-131	12.9	30
535	Treatable traits in the European U-BIOPRED adult asthma cohorts. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2019 , 74, 406-411	9.3	22
534	Green respiratory health care: Time for us all to act. <i>Respirology</i> , 2018 , 23, 452-454	3.6	1
533	Sputum proteomics and airway cell transcripts of current and ex-smokers with severe asthma in U-BIOPRED: an exploratory analysis. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	38
532	DNA methylation modules in airway smooth muscle are associated with asthma severity. <i>European Respiratory Journal</i> , 2018 , 51,	13.6	23
531	The human circulating miRNome reflects multiple organ disease risks in association with short-term exposure to traffic-related air pollution. <i>Environment International</i> , 2018 , 113, 26-34	12.9	48
530	Diagnosis and Management of Severe Asthma. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2018 , 39, 91-99	3.9	13

529	Cys34 Adductomes Differ between Patients with Chronic Lung or Heart Disease and Healthy Controls in Central London. <i>Environmental Science & Technology</i> , 2018 , 52, 2307-2313	10.3	19
528	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
527	TGF- β Signaling Pathways in Different Compartments of the Lower Airways of Patients With Stable COPD. <i>Chest</i> , 2018 , 153, 851-862	5.3	30
526	Exacerbations in Adults with Asthma: A Systematic Review and External Validation of Prediction Models. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 1942-1952.e15	5.4	26
525	Asthma Phenotypes Defined From Parameters Obtained During Recovery From a Hospital-Treated Exacerbation. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2018 , 6, 1960-1967	5.4	17
524	Sputum transcriptomics reveal upregulation of IL-1 receptor family members in patients with severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 560-570	11.5	102
523	Precision medicine in asthma: linking phenotypes to targeted treatments. <i>Current Opinion in Pulmonary Medicine</i> , 2018 , 24, 4-10	3	43
522	Mesenchymal stem cells alleviate oxidative stress-induced mitochondrial dysfunction in the airways. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1634-1645.e5	11.5	70
521	Exposure to Silver Nanospheres Leads to Altered Respiratory Mechanics and Delayed Immune Response in an Murine Model. <i>Frontiers in Pharmacology</i> , 2018 , 9, 213	5.6	8
520	Discovery and Validation of New Biomarkers for Personalizing Asthma Therapy 2018 , 87-95		0
519	A computational framework for complex disease stratification from multiple large-scale datasets. <i>BMC Systems Biology</i> , 2018 , 12, 60	3.5	17
518	Interleukin-1 β Mediates Ozone-Induced Myeloid Differentiation Factor-88-Dependent Epithelial Tissue Injury and Inflammation. <i>Frontiers in Immunology</i> , 2018 , 9, 916	8.4	22
517	The small airway epithelium as a target for the adverse pulmonary effects of silver nanoparticle inhalation. <i>Nanotoxicology</i> , 2018 , 12, 539-553	5.3	17
516	The anti-proliferative and anti-inflammatory response of COPD airway smooth muscle cells to hydrogen sulfide. <i>Respiratory Research</i> , 2018 , 19, 85	7.3	19
515	Large-Scale Label-Free Quantitative Mapping of the Sputum Proteome. <i>Journal of Proteome Research</i> , 2018 , 17, 2072-2091	5.6	12
514	Stem cell therapies for chronic obstructive pulmonary disease: current status of pre-clinical studies and clinical trials. <i>Journal of Thoracic Disease</i> , 2018 , 10, 1084-1098	2.6	36
513	Increased matrix metalloproteinase-9 to tissue inhibitor of metalloproteinase-1 ratio in smokers with airway hyperresponsiveness and accelerated lung function decline. <i>International Journal of COPD</i> , 2018 , 13, 1135-1144	3	9
512	The heterogeneity of chronic cough: a case for endotypes of cough hypersensitivity. <i>Lancet Respiratory Medicine</i> , 2018 , 6, 636-646	35.1	39

511	U-BIOPRED accessible handprint: combining omics platforms to identify stable asthma subphenotypes 2018 ,		2
510	Advancing the Understanding of Environmental Transformations, Bioavailability and Effects of Nanomaterials, an International US Environmental Protection Agency-UK Environmental Nanoscience Initiative Joint Program. <i>Journal of Environmental Protection</i> , 2018 , 9, 385-404	0.6	3
509	Cough Hypersensitivity Syndrome – A Major Advance in the Understanding of Chronic Cough. <i>European Respiratory & Pulmonary Diseases</i> , 2018 , 4, 19	0.4	
508	Gastro-Oesophageal Reflux Disease (GORD) and Chronic Cough 2018 , 205-212		
507	Respiratory and cardiovascular responses to walking down a traffic-polluted road compared with walking in a traffic-free area in participants aged 60 years and older with chronic lung or heart disease and age-matched healthy controls: a randomised, crossover study. <i>Lancet, The</i> , 2018 , 391, 339-349	4.0	198
506	Pathway discovery using transcriptomic profiles in adult-onset severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018 , 141, 1280-1290	11.5	73
505	Roles of mitochondrial ROS and NLRP3 inflammasome in multiple ozone-induced lung inflammation and emphysema. <i>Respiratory Research</i> , 2018 , 19, 230	7.3	53
504	Respiratory disease mortality in the United Kingdom compared with EU15+ countries in 1985-2015: observational study. <i>BMJ, The</i> , 2018 , 363, k4680	5.9	15
503	Lipid phenotyping of lung epithelial lining fluid in healthy human volunteers. <i>Metabolomics</i> , 2018 , 14, 123	4.7	8
502	Enhanced oxidative stress in smoking and ex-smoking severe asthma in the U-BIOPRED cohort. <i>PLoS ONE</i> , 2018 , 13, e0203874	3.7	9
501	Relationship between free and total malondialdehyde, a well-established marker of oxidative stress, in various types of human biospecimens. <i>Journal of Thoracic Disease</i> , 2018 , 10, 3088-3097	2.6	40
500	International research collaboration: The way forward. <i>Respirology</i> , 2018 , 23, 654-655	3.6	2
499	Tralokinumab unsuccessful for management of severe, uncontrolled asthma. <i>Lancet Respiratory Medicine, the</i> , 2018 , 6, 480-481	35.1	9
498	Transcriptional profiling identifies the long noncoding RNA plasmacytoma variant translocation (PVT1) as a novel regulator of the asthmatic phenotype in human airway smooth muscle. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 780-789	11.5	66
497	Physiotherapy, and speech and language therapy intervention for patients with refractory chronic cough: a multicentre randomised control trial. <i>Thorax</i> , 2017 , 72, 129-136	7.3	70
496	Advances in mechanisms and management of chronic cough: The Ninth London International Cough Symposium 2016. <i>Pulmonary Pharmacology and Therapeutics</i> , 2017 , 47, 2-8	3.5	13
495	Inactivation, Clearance, and Functional Effects of Lung-Instilled Short and Long Silver Nanowires in Rats. <i>ACS Nano</i> , 2017 , 11, 2652-2664	16.7	24
494	Release of airborne particles and Ag and Zn compounds from nanotechnology-enabled consumer sprays: Implications for inhalation exposure. <i>Atmospheric Environment</i> , 2017 , 155, 85-96	5.3	15

493	MyAirCoach: the use of home-monitoring and mHealth systems to predict deterioration in asthma control and the occurrence of asthma exacerbations; study protocol of an observational study. <i>BMJ Open</i> , 2017 , 7, e013935	3	34
492	T-helper cell type 2 (Th2) and non-Th2 molecular phenotypes of asthma using sputum transcriptomics in U-BIOPRED. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	187
491	Silver nanoparticles reduce brain inflammation and related neurotoxicity through induction of HS-synthesizing enzymes. <i>Scientific Reports</i> , 2017 , 7, 42871	4.9	75
490	Analysis of bronchial biopsies in chronic cough. <i>Respiratory Medicine</i> , 2017 , 127, 40-44	4.6	8
489	The "Iron"-y of Iron Overload and Iron Deficiency in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1103-1112	10.2	51
488	Perspectives of patients and healthcare professionals on mHealth for asthma self-management. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	34
487	Addressing unmet needs in understanding asthma mechanisms: From the European Asthma Research and Innovation Partnership (EARIP) Work Package (WP)2 collaborators. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	31
486	Bronchial inflammation and bacterial load in stable COPD is associated with TLR4 overexpression. <i>European Respiratory Journal</i> , 2017 , 49,	13.6	48
485	Airway microbial dysbiosis in asthmatic patients: A target for prevention and treatment?. <i>Journal of Allergy and Clinical Immunology</i> , 2017 , 139, 1071-1081	11.5	78
484	Clinical management of severe therapy-resistant asthma. <i>Expert Review of Respiratory Medicine</i> , 2017 , 11, 395-402	3.8	8
483	Allergic airway inflammation induces migration of mast cell populations into the mouse airway. <i>Cell and Tissue Research</i> , 2017 , 369, 331-340	4.2	8
482	A Severe Asthma Disease Signature from Gene Expression Profiling of Peripheral Blood from U-BIOPRED Cohorts. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 1311-1320	10.2	102
481	Fluticasone furoate and vilanterol for the treatment of chronic obstructive pulmonary disease. <i>Expert Review of Respiratory Medicine</i> , 2017 , 11, 955-967	3.8	
480	Transcriptomic gene signatures associated with persistent airflow limitation in patients with severe asthma. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	31
479	Personalised medicine in asthma: time for action: Number 1 in the Series "Personalised medicine in respiratory diseases" Edited by Renaud Louis and Nicolas Roche. <i>European Respiratory Review</i> , 2017 , 26,	9.8	20
478	Reduced suppressive effect of β ₂ -adrenoceptor agonist on fibrocyte function in severe asthma. <i>Respiratory Research</i> , 2017 , 18, 194	7.3	3
477	Proteomic analysis of sputum reveals novel biomarkers for various presentations of asthma. <i>Journal of Translational Medicine</i> , 2017 , 15, 171	8.5	11
476	Intracellular interactions of umeclidinium and vilanterol in human airway smooth muscle. <i>International Journal of COPD</i> , 2017 , 12, 1903-1913	3	2

475	Theobromine for the treatment of persistent cough: a randomised, multicentre, double-blind, placebo-controlled clinical trial. <i>Journal of Thoracic Disease</i> , 2017 , 9, 1864-1872	2.6	5
474	Sputum microbiota in severe asthma patients: Relationship to eosinophilic inflammation. <i>Respiratory Medicine</i> , 2017 , 131, 192-198	4.6	52
473	Impaired innate immune gene profiling in airway smooth muscle cells from chronic cough patients. <i>Bioscience Reports</i> , 2017 , 37,	4.1	8
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