Kian Fan Chung

List of Publications by Citations

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	International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma. *European Respiratory Journal*, **2014**, 43, 343-73	13.6	2057
635	Effects of an interleukin-5 blocking monoclonal antibody on eosinophils, airway hyper-responsiveness, and the late asthmatic response. *Lancet, The*, **2000**, 356, 2144-8	40	1473
634	Identification of asthma phenotypes using cluster analysis in the Severe Asthma Research Program. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 315-23	10.2	1427
633	Characterization of the severe asthma phenotype by the National Heart, Lung, and Blood Institute's Severe Asthma Research Program. *Journal of Allergy and Clinical Immunology*, **2007**, 119, 405-13	11.5	709
632	Respiratory effects of exposure to diesel traffic in persons with asthma. *New England Journal of Medicine*, **2007**, 357, 2348-58	59.2	665
631	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. *Nature Genetics*, **2011**, 43, 887-92	36.3	605
630	Effects of treatment with anti-immunoglobulin E antibody omalizumab on airway inflammation in allergic asthma. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 170, 583-93	10.2	517
629	ERS guidelines on the assessment of cough. *European Respiratory Journal*, **2007**, 29, 1256-76	13.6	461
628	Impact of air pollution on the burden of chronic respiratory diseases in China: time for urgent action. *Lancet, The*, **2016**, 388, 1939-1951	40	449
627	Efficacy and safety of a recombinant anti-immunoglobulin E antibody (omalizumab) in severe allergic asthma. *Clinical and Experimental Allergy*, **2004**, 34, 632-8	4.1	411
626	A molecular mechanism of action of theophylline: Induction of histone deacetylase activity to decrease inflammatory gene expression. *Proceedings of the National Academy of Sciences of the United States of America*, **2002**, 99, 8921-6	11.5	400
625	Multifaceted mechanisms in COPD: inflammation, immunity, and tissue repair and destruction. *European Respiratory Journal*, **2008**, 31, 1334-56	13.6	399
624	Prevalence, pathogenesis, and causes of chronic cough. *Lancet, The*, **2008**, 371, 1364-74	40	389
623	The diagnosis and management of chronic cough. *European Respiratory Journal*, **2004**, 24, 481-92	13.6	382
622	p38 Mitogen-activated protein kinase-induced glucocorticoid receptor phosphorylation reduces its activity: role in steroid-insensitive asthma. *Journal of Allergy and Clinical Immunology*, **2002**, 109, 649-57	11.5	340
621	Increased expression of nuclear factor-kappaB in bronchial biopsies from smokers and patients with COPD. *European Respiratory Journal*, **2002**, 20, 556-63	13.6	337
620	Safety and efficacy of bronchial thermoplasty in symptomatic, severe asthma. *American Journal of Respiratory and Critical Care Medicine*, **2007**, 176, 1185-91	10.2	314

619	Increased expression of transient receptor potential vanilloid-1 in airway nerves of chronic cough. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 170, 1276-80	10.2	306
618	Update on glucocorticoid action and resistance. *Journal of Allergy and Clinical Immunology*, **2006**, 117, 522-43	11.5	305
617	A comparison of low-dose inhaled budesonide plus theophylline and high-dose inhaled budesonide for moderate asthma. *New England Journal of Medicine*, **1997**, 337, 1412-8	59.2	298
616	Blocking IL-25 prevents airway hyperresponsiveness in allergic asthma. *Journal of Allergy and Clinical Immunology*, **2007**, 120, 1324-31	11.5	298
615	Clinical and inflammatory characteristics of the European U-BIOPRED adult severe asthma cohort. *European Respiratory Journal*, **2015**, 46, 1308-21	13.6	292
614	Difficult/therapy-resistant asthma: the need for an integrated approach to define clinical phenotypes, evaluate risk factors, understand pathophysiology and find novel therapies. ERS Task Force on Difficult/Therapy-Resistant Asthma. European Respiratory Society. *European Respiratory Journal*, **1999**, 13, 1198-208	13.6	265
613	Expression and activity of histone deacetylases in human asthmatic airways. *American Journal of Respiratory and Critical Care Medicine*, **2002**, 166, 392-6	10.2	257
612	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. *Nature Genetics*, **2018**, 50, 42-53	36.3	246
611	Oxidative stress-induced mitochondrial dysfunction drives inflammation and airway smooth muscle remodeling in patients with chronic obstructive pulmonary disease. *Journal of Allergy and Clinical Immunology*, **2015**, 136, 769-80	11.5	241
610	T helper type 17-related cytokine expression is increased in the bronchial mucosa of stable chronic obstructive pulmonary disease patients. *Clinical and Experimental Immunology*, **2009**, 157, 316-24	6.2	239
609	Diagnosis and definition of severe refractory asthma: an international consensus statement from the Innovative Medicine Initiative (IMI). *Thorax*, **2011**, 66, 910-7	7.3	237
608	Bradykinin-evoked sensitization of airway sensory nerves: a mechanism for ACE-inhibitor cough. *Nature Medicine*, **1996**, 2, 814-7	50.5	234
607	Protease-activated receptors in human airways: upregulation of PAR-2 in respiratory epithelium from patients with asthma. *Journal of Allergy and Clinical Immunology*, **2001**, 108, 797-803	11.5	226
606	Relative corticosteroid insensitivity of peripheral blood mononuclear cells in severe asthma. *American Journal of Respiratory and Critical Care Medicine*, **2006**, 174, 134-41	10.2	224
605	Efficacy of a new once-daily long-acting inhaled beta2-agonist indacaterol versus twice-daily formoterol in COPD. *Thorax*, **2010**, 65, 473-9	7.3	223
604	Lung function in adults with stable but severe asthma: air trapping and incomplete reversal of obstruction with bronchodilation. *Journal of Applied Physiology*, **2008**, 104, 394-403	3.7	218
603	Predicting and evaluating response to omalizumab in patients with severe allergic asthma. *Respiratory Medicine*, **2007**, 101, 1483-92	4.6	216
602	Systematic assessment of difficult-to-treat asthma. *European Respiratory Journal*, **2003**, 22, 478-83	13.6	216

601	Use of exhaled nitric oxide measurement to identify a reactive, at-risk phenotype among patients with asthma. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 181, 1033-41	10.2	215
600	Coughing frequency in patients with persistent cough: assessment using a 24 hour ambulatory recorder. *European Respiratory Journal*, **1994**, 7, 1246-53	13.6	207
599	Effect of a ginkgolide mixture (BN 52063) in antagonising skin and platelet responses to platelet activating factor in man. *Lancet, The*, **1987**, 1, 248-51	40	204
598	Severe asthma: lessons learned from the National Heart, Lung, and Blood Institute Severe Asthma Research Program. *American Journal of Respiratory and Critical Care Medicine*, **2012**, 185, 356-62	10.2	198
597	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. *Lancet, The*, **2018**, 391, 339-349	40	198
596	Relative corticosteroid insensitivity of alveolar macrophages in severe asthma compared with non-severe asthma. *Thorax*, **2008**, 63, 784-90	7.3	195
595	Platelet-activating factor as a mediator of allergic disease. *Journal of Allergy and Clinical Immunology*, **1988**, 81, 919-34	11.5	195
594	Unsupervised phenotyping of Severe Asthma Research Program participants using expanded lung data. *Journal of Allergy and Clinical Immunology*, **2014**, 133, 1280-8	11.5	193
593	Role of inflammation in the hyperreactivity of the airways in asthma. *Thorax*, **1986**, 41, 657-62	7.3	191
592	Expert opinion on the cough hypersensitivity syndrome in respiratory medicine. *European Respiratory Journal*, **2014**, 44, 1132-48	13.6	189
591	New targets for drug development in asthma. *Lancet, The*, **2008**, 372, 1073-87	40	189
590	Phosphodiesterase inhibitors in airways disease. *European Journal of Pharmacology*, **2006**, 533, 110-7	5.3	188
589	T-helper cell type 2 (Th2) and non-Th2 molecular phenotypes of asthma using sputum transcriptomics in U-BIOPRED. *European Respiratory Journal*, **2017**, 49,	13.6	187
588	Airway lipoxin A4 generation and lipoxin A4 receptor expression are decreased in severe asthma. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 178, 574-82	10.2	187
587	Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. *European Respiratory Journal*, **2020**, 55,	13.6	185
586	Targeting the interleukin pathway in the treatment of asthma. *Lancet, The*, **2015**, 386, 1086-96	40	183
585	Epithelial cell proliferation contributes to airway remodeling in severe asthma. *American Journal of Respiratory and Critical Care Medicine*, **2007**, 176, 138-45	10.2	183
584	Prevalence, risk factors, and management of asthma in China: a national cross-sectional study. *Lancet, The*, **2019**, 394, 407-418	40	180

583	Changes in the dose of inhaled steroid affect exhaled nitric oxide levels in asthmatic patients. *European Respiratory Journal*, **1996**, 9, 196-201	13.6	175
582	Application of Omics technologies to biomarker discovery in inflammatory lung diseases. *European Respiratory Journal*, **2013**, 42, 802-25	13.6	174
581	Fundamentals of pulmonary drug delivery. *Respiratory Medicine*, **2003**, 97, 382-7	4.6	173
580	Parameters associated with persistent airflow obstruction in chronic severe asthma. *European Respiratory Journal*, **2004**, 24, 122-8	13.6	170
579	Murine models of asthma. *European Respiratory Journal*, **2003**, 22, 374-82	13.6	169
578	p38 mitogen-activated protein kinase pathways in asthma and COPD. *Chest*, **2011**, 139, 1470-1479	5.3	166
577	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1797-1807	11.5	163
576	MicroRNA expression profiling in mild asthmatic human airways and effect of corticosteroid therapy. *PLoS ONE*, **2009**, 4, e5889	3.7	153
575	Matrix metalloproteinase-9 expression in asthma: effect of asthma severity, allergen challenge, and inhaled corticosteroids. *Chest*, **2002**, 122, 1543-52	5.3	147
574	Nuclear localisation of p65 in sputum macrophages but not in sputum neutrophils during COPD exacerbations. *Thorax*, **2003**, 58, 348-51	7.3	146
573	Randomised, double-blind, placebo-controlled trial of methotrexate in steroid-dependent asthma. *Lancet, The*, **1990**, 336, 137-40	40	144
572	Transcriptome analysis shows activation of circulating CD8+ T cells in patients with severe asthma. *Journal of Allergy and Clinical Immunology*, **2012**, 129, 95-103	11.5	143
571	Expression of MUC5AC and MUC5B mucins in normal and cystic fibrosis lung. *Respiratory Medicine*, **2002**, 96, 81-6	4.6	142
570	Genome-wide association study to identify genetic determinants of severe asthma. *Thorax*, **2012**, 67, 762-8	7.3	139
569	Increased circulating fibrocytes in asthma with chronic airflow obstruction. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 178, 583-91	10.2	139
568	TGF- regulates Nox4, MnSOD and catalase expression, and IL-6 release in airway smooth muscle cells. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2011**, 300, L295-304	5.8	138
567	Chronic exposure to air pollution particles increases the risk of obesity and metabolic syndrome: findings from a natural experiment in Beijing. *FASEB Journal*, **2016**, 30, 2115-22	0.9	137
566	Systems medicine and integrated care to combat chronic noncommunicable diseases. *Genome Medicine*, **2011**, 3, 43	14.4	137

565	Doubling the dose of budesonide versus maintenance treatment in asthma exacerbations. *Thorax*, **2004**, 59, 550-6	7.3	137
564	Correlation of systemic superoxide dismutase deficiency to airflow obstruction in asthma. *American Journal of Respiratory and Critical Care Medicine*, **2005**, 172, 306-13	10.2	134
563	Functional effects of the microbiota in chronic respiratory disease. *Lancet Respiratory Medicine,the*, **2019**, 7, 907-920	35.1	133
562	Oxidative stress-induced antibodies to carbonyl-modified protein correlate with severity of chronic obstructive pulmonary disease. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 796-802	10.2	133
561	Efficacy of a cell phone-based exercise programme for COPD. *European Respiratory Journal*, **2008**, 32, 651-9	13.6	130
560	Chronic cough as a neuropathic disorder. *Lancet Respiratory Medicine,the*, **2013**, 1, 414-22	35.1	128
559	Expression of respiratory mucins in fatal status asthmaticus and mild asthma. *Histopathology*, **2002**, 40, 367-73	7.3	128
558	Modules, networks and systems medicine for understanding disease and aiding diagnosis. *Genome Medicine*, **2014**, 6, 82	14.4	126
557	A worldwide survey of chronic cough: a manifestation of enhanced somatosensory response. *European Respiratory Journal*, **2014**, 44, 1149-55	13.6	125
556	The burden of severe asthma in childhood and adolescence: results from the paediatric U-BIOPRED cohorts. *European Respiratory Journal*, **2015**, 46, 1322-33	13.6	123
555	Mucin expression in peripheral airways of patients with chronic obstructive pulmonary disease. *Histopathology*, **2004**, 45, 477-84	7.3	123
554	Airway smooth muscle hyperproliferation is regulated by microRNA-221 in severe asthma. *American Journal of Respiratory Cell and Molecular Biology*, **2014**, 50, 7-17	5.7	121
553	Toll-like receptor 2, 3, and 4 expression and function in human airway smooth muscle. *Journal of Allergy and Clinical Immunology*, **2006**, 118, 641-8	11.5	121
552	Increased exhaled nitric oxide in active pulmonary tuberculosis due to inducible NO synthase upregulation in alveolar macrophages. *European Respiratory Journal*, **1998**, 11, 809-15	13.6	121
551	Diminished sarco/endoplasmic reticulum Ca2+ ATPase (SERCA) expression contributes to airway remodelling in bronchial asthma. *Proceedings of the National Academy of Sciences of the United States of America*, **2009**, 106, 10775-80	11.5	120
550	Unbalanced oxidant-induced DNA damage and repair in COPD: a link towards lung cancer. *Thorax*, **2011**, 66, 521-7	7.3	120
549	An integrative systems biology approach to understanding pulmonary diseases. *Chest*, **2010**, 137, 1410-6	5.3	119
548	A Transcriptome-driven Analysis of Epithelial Brushings and Bronchial Biopsies to Define Asthma Phenotypes in U-BIOPRED. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 443-455	10.2	118

547	Chronic cough hypersensitivity syndrome: a more precise label for chronic cough. *Pulmonary Pharmacology and Therapeutics*, **2011**, 24, 267-71	3.5	117
546	Inflammatory mediators in chronic obstructive pulmonary disease. *Inflammation and Allergy: Drug Targets*, **2005**, 4, 619-25		117
545	Nature of airway inflammation and remodeling in chronic cough. *Journal of Allergy and Clinical Immunology*, **2005**, 116, 565-70	11.5	113
544	Integrated care pathways for airway diseases (AIRWAYS-ICPs). *European Respiratory Journal*, **2014**, 44, 304-23	13.6	112
543	Airway smooth muscle cells: contributing to and regulating airway mucosal inflammation?. *European Respiratory Journal*, **2000**, 15, 961-8	13.6	112
542	An association between L-arginine/asymmetric dimethyl arginine balance, obesity, and the age of asthma onset phenotype. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 187, 153-9	10.2	111
541	IL4R alpha mutations are associated with asthma exacerbations and mast cell/IgE expression. *American Journal of Respiratory and Critical Care Medicine*, **2007**, 175, 570-6	10.2	111
540	Management of chronic cough. *Lancet, The*, **2008**, 371, 1375-84	40	110
539	Nitrosative stress in the bronchial mucosa of severe chronic obstructive pulmonary disease. *Journal of Allergy and Clinical Immunology*, **2005**, 116, 1028-35	11.5	109
538	Moderate-to-severe asthma in individuals of European ancestry: a genome-wide association study. *Lancet Respiratory Medicine,the*, **2019**, 7, 20-34	35.1	109
537	Kinase inhibitors and airway inflammation. *European Journal of Pharmacology*, **2006**, 533, 118-32	5.3	108
536	Increased p21(CIP1/WAF1) and B cell lymphoma leukemia-x(L) expression and reduced apoptosis in alveolar macrophages from smokers. *American Journal of Respiratory and Critical Care Medicine*, **2002**, 166, 724-31	10.2	107
535	Cytokines as targets in chronic obstructive pulmonary disease. *Current Drug Targets*, **2006**, 7, 675-81	3	104
534	Airway Microbiota in Severe Asthma and Relationship to Asthma Severity and Phenotypes. *PLoS ONE*, **2016**, 11, e0152724	3.7	104
533	Importance of hedgehog interacting protein and other lung function genes in asthma. *Journal of Allergy and Clinical Immunology*, **2011**, 127, 1457-65	11.5	103
532	Inhaled corticosteroids as combination therapy with beta-adrenergic agonists in airways disease: present and future. *European Journal of Clinical Pharmacology*, **2009**, 65, 853-71	2.8	103
531	STAT4 activation in smokers and patients with chronic obstructive pulmonary disease. *European Respiratory Journal*, **2004**, 24, 78-85	13.6	103
530	Asthma phenotyping: a necessity for improved therapeutic precision and new targeted therapies. *Journal of Internal Medicine*, **2016**, 279, 192-204	10.8	103

529	A Severe Asthma Disease Signature from Gene Expression Profiling of Peripheral Blood from U-BIOPRED Cohorts. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 195, 1311-1320	10.2	102
528	Sputum transcriptomics reveal upregulation of IL-1 receptor family members in patients with severe asthma. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 560-570	11.5	102
527	Alterations of the arginine metabolome in asthma. *American Journal of Respiratory and Critical Care Medicine*, **2008**, 178, 673-81	10.2	101
526	Relationship between exhaled nitric oxide and mucosal eosinophilic inflammation in mild to moderately severe asthma. *Thorax*, **2000**, 55, 184-8	7.3	99
525	Effect of p38 MAPK inhibition on corticosteroid suppression of cytokine release in severe asthma. *European Respiratory Journal*, **2010**, 35, 750-6	13.6	92
524	Alteration of adenosine receptors in patients with chronic obstructive pulmonary disease. *American Journal of Respiratory and Critical Care Medicine*, **2006**, 173, 398-406	10.2	92
523	Epithelial IL-6 trans-signaling defines a new asthma phenotype with increased airway inflammation. *Journal of Allergy and Clinical Immunology*, **2019**, 143, 577-590	11.5	90
522	Obesity-associated severe asthma represents a distinct clinical phenotype: analysis of the British Thoracic Society Difficult Asthma Registry Patient cohort according to BMI. *Chest*, **2013**, 143, 406-414	5.3	88
521	Role of TLR2, TLR4, and MyD88 in murine ozone-induced airway hyperresponsiveness and neutrophilia. *Journal of Applied Physiology*, **2007**, 103, 1189-95	3.7	88
520	Models of chronic obstructive pulmonary disease. *Respiratory Research*, **2004**, 5, 18	7.3	88
519	Regulation of TGF-beta 1-induced connective tissue growth factor expression in airway smooth muscle cells. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2005**, 288, L68-76	5.8	88
518	Ozone-induced bronchial hyperresponsiveness in the rat is not accompanied by neutrophil influx or increased vascular permeability in the trachea. *The American Review of Respiratory Disease*, **1988**, 138, 140-4		88
517	Targeted anti-inflammatory therapeutics in asthma and chronic obstructive lung disease. *Translational Research*, **2016**, 167, 192-203	11	87
516	The stability of silver nanoparticles in a model of pulmonary surfactant. *Environmental Science & Technology*, **2013**, 47, 11232-40	10.3	87
515	Mechanisms of induction of airway smooth muscle hyperplasia by transforming growth factor-beta. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2007**, 293, L245-53	5.8	87
514	Pro-oxidant iron is present in human pulmonary epithelial lining fluid: implications for oxidative stress in the lung. *Biochemical and Biophysical Research Communications*, **1996**, 220, 1024-7	3.4	87
513	A role for phosphoinositol 3-kinase delta in the impairment of glucocorticoid responsiveness in patients with chronic obstructive pulmonary disease. *Journal of Allergy and Clinical Immunology*, **2010**, 125, 1146-53	11.5	85
512	Reduced pH and chloride levels in exhaled breath condensate of patients with chronic cough. *Thorax*, **2004**, 59, 608-12	7.3	85

511	Detrimental effects of environmental tobacco smoke in relation to asthma severity. *PLoS ONE*, **2011**, 6, e18574	3.7	84
510	Restoration of corticosteroid sensitivity by p38 mitogen activated protein kinase inhibition in peripheral blood mononuclear cells from severe asthma. *PLoS ONE*, **2012**, 7, e41582	3.7	83
509	Role of c-jun N-terminal kinase in the induced release of GM-CSF, RANTES and IL-8 from human airway smooth muscle cells. *British Journal of Pharmacology*, **2003**, 139, 1228-34	8.6	81
508	Innate immunity but not NLRP3 inflammasome activation correlates with severity of stable COPD. *Thorax*, **2014**, 69, 516-24	7.3	79
507	Fractalkine/CX3CL1 production by human airway smooth muscle cells: induction by IFN-gamma and TNF-alpha and regulation by TGF-beta and corticosteroids. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2004**, 287, L1230-40	5.8	79
506	Pulmonary toxicity of instilled silver nanoparticles: influence of size, coating and rat strain. *PLoS ONE*, **2015**, 10, e0119726	3.7	79
505	Airway microbial dysbiosis in asthmatic patients: A´target for prevention and treatment?. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 1071-1081	11.5	78
504	Corticosteroid inhibition of growth-related oncogene protein-alpha via mitogen-activated kinase phosphatase-1 in airway smooth muscle cells. *Journal of Immunology*, **2007**, 178, 7366-75	5.3	78
503	Mechanistic impact of outdoor air pollution on asthma and allergic diseases. *Journal of Thoracic Disease*, **2015**, 7, 23-33	2.6	78
502	Validated and longitudinally stable asthma phenotypes based on cluster analysis of the ADEPT study. *Respiratory Research*, **2016**, 17, 165	7.3	77
501	Molecular mechanisms of oxidative stress in airways and lungs with reference to asthma and chronic obstructive pulmonary disease. *Annals of the New York Academy of Sciences*, **2010**, 1203, 85-91	6.5	76
500	Steroid resistance in asthma: mechanisms and treatment options. *Current Allergy and Asthma Reports*, **2008**, 8, 171-8	5.6	76
499	The role of airway smooth muscle in the pathogenesis of airway wall remodeling in chronic obstructive pulmonary disease. *Proceedings of the American Thoracic Society*, **2005**, 2, 347-54; discussion 371-2		76
498	Silver nanoparticles reduce brain inflammation and related neurotoxicity through induction of HS-synthesizing enzymes. *Scientific Reports*, **2017**, 7, 42871	4.9	75
497	Repeated allergen exposure of sensitized Brown-Norway rats induces airway cell DNA synthesis and remodelling. *European Respiratory Journal*, **1999**, 14, 633-41	13.6	75
496	Ozone induction of cytokine-induced neutrophil chemoattractant (CINC) and nuclear factor-kappa b in rat lung: inhibition by corticosteroids. *FEBS Letters*, **1996**, 379, 265-8	3.8	75
495	Induction of eotaxin expression and release from human airway smooth muscle cells by IL-1beta and TNFalpha: effects of IL-10 and corticosteroids. *British Journal of Pharmacology*, **1999**, 127, 1145-50	8.6	74
494	Hydrogen sulfide inhibits proliferation and release of IL-8 from human airway smooth muscle cells. *American Journal of Respiratory Cell and Molecular Biology*, **2011**, 45, 746-52	5.7	73

493	Induction and regulation of matrix metalloproteinase-12 in human airway smooth muscle cells. *Respiratory Research*, **2005**, 6, 148	7.3	73
492	Cigarette smoke induces IL-8, but inhibits eotaxin and RANTES release from airway smooth muscle. *Respiratory Research*, **2005**, 6, 74	7.3	73
491	Pathway discovery using transcriptomic profiles in adult-onset severe asthma. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1280-1290	11.5	73
490	Safety of bronchial thermoplasty in patients with severe refractory asthma. *Annals of Allergy, Asthma and Immunology*, **2013**, 111, 402-7	3.2	72
489	Neutrophil-derived elastase induces TGF-beta1 secretion in human airway smooth muscle via NF-kappaB pathway. *American Journal of Respiratory Cell and Molecular Biology*, **2006**, 35, 407-14	5.7	72
488	Cytokine inhibition in the treatment of COPD. *International Journal of COPD*, **2014**, 9, 397-412	3	71
487	Physiotherapy, and speech and language therapy intervention for patients with refractory chronic cough: a multicentre randomised control trial. *Thorax*, **2017**, 72, 129-136	7.3	70
486	Mesenchymal stem cells alleviate oxidative stress-induced mitochondrial dysfunction in the airways. *Journal of Allergy and Clinical Immunology*, **2018**, 141, 1634-1645.e5	11.5	70
485	MUC5AC expression is increased in bronchial submucosal glands of stable COPD patients. *Histopathology*, **2009**, 55, 321-31	7.3	69
484	Effectiveness of omalizumab in patients with inadequately controlled severe persistent allergic asthma: an open-label study. *Respiratory Medicine*, **2008**, 102, 1371-8	4.6	68
483	RAGE: a new frontier in chronic airways disease. *British Journal of Pharmacology*, **2012**, 167, 1161-76	8.6	67
482	Validation of the anti-inflammatory properties of small-molecule IkappaB Kinase (IKK)-2 inhibitors by comparison with adenoviral-mediated delivery of dominant-negative IKK1 and IKK2 in human airways smooth muscle. *Molecular Pharmacology*, **2006**, 70, 697-705	4.3	67
481	Transcriptional profiling identifies the long noncoding RNA plasmacytoma variant translocation (PVT1) as a novel regulator of the asthmatic phenotype in human airway smooth muscle. *Journal of Allergy and Clinical Immunology*, **2017**, 139, 780-789	11.5	66
480	Transforming growth factor-□and nuclear factor E2□elated factor 2 regulate antioxidant responses in airway smooth muscle cells: role in asthma. *American Journal of Respiratory and Critical Care Medicine*, **2011**, 184, 894-903	10.2	66
479	Expression and activation of TGF-beta isoforms in acute allergen-induced remodelling in asthma. *Thorax*, **2007**, 62, 307-13	7.3	66
478	Blood neutrophil activation markers in severe asthma: lack of inhibition by prednisolone therapy. *Respiratory Research*, **2006**, 7, 59	7.3	66
477	Impaired macrophage phagocytosis of bacteria in severe asthma. *Respiratory Research*, **2014**, 15, 72	7.3	65
476	Sleep quality and asthma control and quality of life in non-severe and severe asthma. *Sleep and Breathing*, **2012**, 16, 1129-37	3.1	65

475	Distribution of respiratory mucin proteins in human nasal mucosa. *Laryngoscope*, **2003**, 113, 520-4	3.6	65
474	Research in progress: Medical Research Council United Kingdom Refractory Asthma Stratification Programme (RASP-UK). *Thorax*, **2016**, 71, 187-9	7.3	64
473	New treatments for severe treatment-resistant asthma: targeting the right patient. *Lancet Respiratory Medicine,the*, **2013**, 1, 639-652	35.1	64
472	Molecular mechanisms of pulmonary peptidomimetic drug and peptide transport. *American Journal of Respiratory Cell and Molecular Biology*, **2004**, 30, 251-60	5.7	64
471	Distribution and function of the peptide transporter PEPT2 in normal and cystic fibrosis human lung. *Thorax*, **2002**, 57, 55-60	7.3	64
470	IL-22 suppresses IFN-□mediated lung inflammation in asthmatic patients. *Journal of Allergy and Clinical Immunology*, **2013**, 131, 562-70	11.5	63
469	Corticosteroid insensitivity of chemokine expression in airway smooth muscle of patients with severe asthma. *Journal of Allergy and Clinical Immunology*, **2012**, 130, 877-85.e5	11.5	63
468	Pharmacological studies of the mechanism and function of interleukin-1beta-induced miRNA-146a expression in primary human airway smooth muscle. *Respiratory Research*, **2010**, 11, 68	7.3	63
467	Increase in airway neutrophils after oral but not inhaled corticosteroid therapy in mild asthma. *Respiratory Medicine*, **2005**, 99, 200-7	4.6	62
466	Involvement of cysteinyl leukotrienes in airway smooth muscle cell DNA synthesis after repeated allergen exposure in sensitized Brown Norway rats. *British Journal of Pharmacology*, **1999**, 127, 1151-8	8.6	62
465	Leukotriene receptor antagonists and biosynthesis inhibitors: potential breakthrough in asthma therapy. *European Respiratory Journal*, **1995**, 8, 1203-13	13.6	62
464	"T2-high" in severe asthma related to blood eosinophil, exhaled nitric oxide and˙serum periostin. *European Respiratory Journal*, **2019**, 53,	13.6	62
463	Cardio- and cerebrovascular safety of indacaterol vs formoterol, salmeterol, tiotropium and placebo in COPD. *Respiratory Medicine*, **2011**, 105, 571-9	4.6	60
462	Inflammatory biomarkers in airways of patients with severe asthma compared with non-severe asthma. *Clinical and Experimental Allergy*, **2009**, 39, 1668-76	4.1	60
461	Modulation of cholinergic neurotransmission in canine airways by thromboxane mimetic U46619. *European Journal of Pharmacology*, **1985**, 117, 373-5	5.3	60
460	Bacteria in sputum of stable severe asthma and increased airway wall thickness. *Respiratory Research*, **2012**, 13, 35	7.3	59
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