Kian Fan Chung

List of Publications by Year
in descending order

707 papers	53,080 citations	1296 112 h-index	2584 201 g-index
726 all docs	726 docs citations	726 times ranked	38991 citing authors

#	Article	IF	Citations
1	International ERS/ATS guidelines on definition, evaluation and treatment of severe asthma. European Respiratory Journal, 2014, 43, 343-373.	3.1	2,898
2	Identification of Asthma Phenotypes Using Cluster Analysis in the Severe Asthma Research Program. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 315-323.	2.5	1,820
3	Effects of an interleukin-5 blocking monoclonal antibody on eosinophils, airway hyper-responsÃ¬veness, and the late asthmatic response. Lancet, The, 2000, 356, 2144-2148.	6.3	1,700
4	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, 405-413.	1.5	838
5	Respiratory Effects of Exposure to Diesel Traffic in Persons with Asthma. New England Journal of Medicine, 2007, 357, 2348-2358.	13.9	756
6	Meta-analysis of genome-wide association studies of asthma in ethnically diverse North American populations. Nature Genetics, 2011, 43, 887-892.	9.4	736
7	Impact of air pollution on the burden of chronic respiratory diseases in China: time for urgent action. Lancet, The, 2016, 388, 1939-1951.	6.3	649
8	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, 583-593.	2.5	588
9	ERS guidelines on the assessment of cough. European Respiratory Journal, 2007, 29, 1256-1276.	3.1	567
10	Prevalence, pathogenesis, and causes of chronic cough. Lancet, The, 2008, 371, 1364-1374.	6.3	524
11	Efficacy and safety of a recombinant anti-immunoglobulin E antibody (omalizumab) in severe allergic asthma. Clinical and Experimental Allergy, 2004, 34, 632-638.	1.4	490
12	Multifaceted mechanisms in COPD: inflammation, immunity, and tissue repair and destruction. European Respiratory Journal, 2008, 31, 1334-1356.	3.1	475
13	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, 8921-8926.	3.3	461
14	The diagnosis and management of chronic cough. European Respiratory Journal, 2004, 24, 481-492.	3.1	454
15	Clinical and inflammatory characteristics of the European U-BIOPRED adult severe asthma cohort. European Respiratory Journal, 2015, 46, 1308-1321.	3.1	434
16	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	9.4	426
17	Safety and Efficacy of Bronchial Thermoplasty in Symptomatic, Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 1185-1191.	2.5	387
18	Increased expression of nuclear factor-ÂB in bronchial biopsies from smokers and patients with COPD. European Respiratory Journal, 2002, 20, 556-563.	3.1	383

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19	Management of severe asthma: a European Respiratory Society/American Thoracic Society guideline. European Respiratory Journal, 2020, 55, 1900588.	3.1	380
20	p38 Mitogen-activated protein kinaseâ€"induced glucocorticoid receptor phosphorylation reduces its activity: Role in steroid-insensitive asthma. Journal of Allergy and Clinical Immunology, 2002, 109, 649-657.	1.5	378
21	Prevalence, risk factors, and management of asthma in China: a national cross-sectional study. Lancet, The, 2019, 394, 407-418.	6.3	377
22	Increased Expression of Transient Receptor Potential Vanilloid-1 in Airway Nerves of Chronic Cough. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 1276-1280.	2.5	365
23	A Comparison of Low-Dose Inhaled Budesonide plus Theophylline and High-Dose Inhaled Budesonide for Moderate Asthma. New England Journal of Medicine, 1997, 337, 1412-1419.	13.9	355
24	Update on glucocorticoid action and resistance. Journal of Allergy and Clinical Immunology, 2006, 117, 522-543.	1.5	343
25	Blocking IL-25 prevents airway hyperresponsiveness in allergic asthma. Journal of Allergy and Clinical Immunology, 2007, 120, 1324-1331.	1.5	342
26	Oxidative stressâ€"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, 769-780.	1.5	332
27	Difficult/therapyâ€resistant asthmaThe need for an integrated approach to define clinical phenotypes, evaluate risk factors, understand pathophysiology and find novel therapies. European Respiratory Journal, 1999, 13, 1198.	3.1	313
28	Expression and Activity of Histone Deacetylases in Human Asthmatic Airways. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 392-396.	2.5	296
29	Diagnosis and definition of severe refractory asthma: an international consensus statement from the Innovative Medicine Initiative (IMI). Thorax, 2011, 66, 910-917.	2.7	294
30	Expert opinion on the cough hypersensitivity syndrome in respiratory medicine. European Respiratory Journal, 2014, 44, 1132-1148.	3.1	294
31	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.	6.3	294
32	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, 316-324.	1.1	283
33	T-helper cell type 2 (Th2) and non-Th2 molecular phenotypes of asthma using sputum transcriptomics in U-BIOPRED. European Respiratory Journal, 2017, 49, 1602135.	3.1	283
34	Coughing frequency in patients with persistent cough: assessment using a 24 hour ambulatory recorder. European Respiratory Journal, 1994, 7, 1246-1253.	3.1	274
35	Systematic assessment of difficult-to-treat asthma. European Respiratory Journal, 2003, 22, 478-483.	3.1	271
36	Bradykininâ€"evoked sensitization of airway sensory nerves: A mechanism for ACEâ€"inhibitor cough. Nature Medicine, 1996, 2, 814-817.	15.2	270

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37	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.	1.2	270
38	Functional effects of the microbiota in chronic respiratory disease. Lancet Respiratory Medicine,the, 2019, 7, 907-920.	5.2	269
39	Predicting and evaluating response to omalizumab in patients with severe allergic asthma. Respiratory Medicine, 2007, 101, 1483-1492.	1.3	262
40	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, 1033-1041.	2.5	252
41	Efficacy of a new once-daily long-acting inhaled Â2-agonist indacaterol versus twice-daily formoterol in COPD. Thorax, 2010, 65, 473-479.	2.7	252
42	EFFECT OF A GINKGOLIDE MIXTURE (BN 52063) IN ANTAGONISING SKIN AND PLATELET RESPONSES TO PLATELET ACTIVATING FACTOR IN MAN. Lancet, The, 1987, 329, 248-251.	6.3	251
43	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.	1.5	251
44	Relative Corticosteroid Insensitivity of Peripheral Blood Mononuclear Cells in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 134-141.	2.5	247
45	Unsupervised phenotyping of Severe Asthma Research Program participants using expanded lung data. Journal of Allergy and Clinical Immunology, 2014, 133, 1280-1288.	1.5	247
46	Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 356-362.	2.5	242
47	U-BIOPRED clinical adult asthma clusters linked to a subset of sputum omics. Journal of Allergy and Clinical Immunology, 2017, 139, 1797-1807.	1.5	236
48	Role of inflammation in the hyperreactivity of the airways in asthma.. Thorax, 1986, 41, 657-662.	2.7	235
49	Application of â€™omics technologies to biomarker discovery in inflammatory lung diseases. European Respiratory Journal, 2013, 42, 802-825.	3.1	234
50	Targeting the interleukin pathway in the treatment of asthma. Lancet, The, 2015, 386, 1086-1096.	6.3	230
51	Platelet-activating factor as a mediator of allergic disease. Journal of Allergy and Clinical Immunology, 1988, 81, 919-934.	1.5	227
52	New targets for drug development in asthma. Lancet, The, 2008, 372, 1073-1087.	6.3	223
53	Relative corticosteroid insensitivity of alveolar macrophages in severe asthma compared with non-severe asthma. Thorax, 2008, 63, 784-790.	2.7	217
54	Phosphodiesterase inhibitors in airways disease. European Journal of Pharmacology, 2006, 533, 110-117.	1.7	216

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55	Airway Lipoxin A₄Generation and Lipoxin A₄Receptor Expression Are Decreased in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 574-582.	2.5	215
56	Changes in the dose of inhaled steroid affect exhaled nitric oxide levels in asthmatic patients. European Respiratory Journal, 1996, 9, 196-201.	3.1	214
57	Fundamentals of pulmonary drug delivery. Respiratory Medicine, 2003, 97, 382-387.	1.3	214
58	Parameters associated with persistent airflow obstruction in chronic severe asthma. European Respiratory Journal, 2004, 24, 122-128.	3.1	208
59	Epithelial Cell Proliferation Contributes to Airway Remodeling in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 138-145.	2.5	208
60	A worldwide survey of chronic cough: a manifestation of enhanced somatosensory response. European Respiratory Journal, 2014, 44, 1149-1155.	3.1	202
61	p38 Mitogen-Activated Protein Kinase Pathways in Asthma and COPD. Chest, 2011, 139, 1470-1479.	0.4	200
62	Confronting COVID-19-associated cough and the post-COVID syndrome: role of viral neurotropism, neuroinflammation, and neuroimmune responses. Lancet Respiratory Medicine,the, 2021, 9, 533-544.	5.2	190
63	Murine models of asthma. European Respiratory Journal, 2003, 22, 374-382.	3.1	189
64	Chronic cough as a neuropathic disorder. Lancet Respiratory Medicine,the, 2013, 1, 414-422.	5.2	189
65	Moderate-to-severe asthma in individuals of European ancestry: a genome-wide association study. Lancet Respiratory Medicine,the, 2019, 7, 20-34.	5.2	183
66	Systems medicine and integrated care to combat chronic noncommunicable diseases. Genome Medicine, 2011, 3, 43.	3.6	181
67	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, 2115-2122.	0.2	181
68	Nuclear localisation of p65 in sputum macrophages but not in sputum neutrophils during COPD exacerbations. Thorax, 2003, 58, 348-351.	2.7	179
69	The burden of severe asthma in childhood and adolescence: results from the paediatric U-BIOPRED cohorts. European Respiratory Journal, 2015, 46, 1322-1333.	3.1	179
70	Transcriptome analysis shows activation of circulating CD8+ T cells in patients with severe asthma. Journal of Allergy and Clinical Immunology, 2012, 129, 95-103.	1.5	173
71	Doubling the dose of budesonide versus maintenance treatment in asthma exacerbations. Thorax, 2004, 59, 550-556.	2.7	170
72	MicroRNA Expression Profiling in Mild Asthmatic Human Airways and Effect of Corticosteroid Therapy. PLoS ONE, 2009, 4, e5889.	1.1	170

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73	Genome-wide association study to identify genetic determinants of severe asthma. Thorax, 2012, 67, 762-768.	2.7	169
74	Modules, networks and systems medicine for understanding disease and aiding diagnosis. Genome Medicine, 2014, 6, 82.	3.6	169
75	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.	1.5	166
76	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.	2.5	165
77	Randomised, double-blind, placebo-controlled trial of methotrexate in steroid-dependent asthma. Lancet, The, 1990, 336, 137-140.	6.3	164
78	Increased Circulating Fibrocytes in Asthma with Chronic Airflow Obstruction. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 583-591.	2.5	164
79	TGF-Î² 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-L304.	1.3	163
80	Matrix Metalloproteinase-9 Expression in Asthma. Chest, 2002, 122, 1543-1552.	0.4	162
81	Expression of MUC5AC and MUC5B mucins in normal and cystic fibrosis lung. Respiratory Medicine, 2002, 96, 81-86.	1.3	160
82	Oxidative Stressâ€"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.	2.5	159
83	Airway Microbiota in Severe Asthma and Relationship to Asthma Severity and Phenotypes. PLoS ONE, 2016, 11, e0152724.	1.1	159
84	Integrated care pathways for airway diseases (AIRWAYS-ICPs). European Respiratory Journal, 2014, 44, 304-323.	3.1	154
85	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.	2.5	152
86	Efficacy of a cell phone-based exercise programme for COPD. European Respiratory Journal, 2008, 32, 651-659.	3.1	150
87	Expression of respiratory mucins in fatal status asthmaticus and mild asthma. Histopathology, 2002, 40, 367-373.	1.6	149
88	Chronic â€˜cough hypersensitivity syndromeâ€™: A more precise label for chronic cough. Pulmonary Pharmacology and Therapeutics, 2011, 24, 267-271.	1.1	149
89	Increased exhaled nitric oxide in active pulmonary tuberculosis due to inducible NO synthase upregulation in alveolar macrophages. European Respiratory Journal, 1998, 11, 809-815.	3.1	148
90	Correlation of Systemic Superoxide Dismutase Deficiency to Airflow Obstruction in Asthma. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 306-313.	2.5	148

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91	Unbalanced oxidant-induced DNA damage and repair in COPD: a link towards lung cancer. Thorax, 2011, 66, 521-527.	2.7	148
92	Management of chronic cough. Lancet, The, 2008, 371, 1375-1384.	6.3	144
93	Mucin expression in peripheral airways of patients with chronic obstructive pulmonary disease. Histopathology, 2004, 45, 477-484.	1.6	141
94	An Association between <scp>l</scp>-Arginine/Asymmetric Dimethyl Arginine Balance, Obesity, and the Age of Asthma Onset Phenotype. American Journal of Respiratory and Critical Care Medicine, 2013, 187, 153-159.	2.5	141
95	Epithelial IL-6 trans-signaling defines a new asthma phenotype with increased airway inflammation. Journal of Allergy and Clinical Immunology, 2019, 143, 577-590.	1.5	140
96	Inflammatory Mediators in Chronic Obstructive Pulmonary Disease. Inflammation and Allergy: Drug Targets, 2005, 4, 619-625.	3.1	138
97	Nature of airway inflammation and remodeling in chronic cough. Journal of Allergy and Clinical Immunology, 2005, 116, 565-570.	1.5	137
98	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, 10775-10780.	3.3	136
99	Airway Smooth Muscle Hyperproliferation is Regulated by microRNA-221 in Severe Asthma. American Journal of Respiratory Cell and Molecular Biology, 2013, 50, 130814131000002.	1.4	136
100	An Integrative Systems Biology Approach to Understanding Pulmonary Diseases. Chest, 2010, 137, 1410-1416.	0.4	135
101	Toll-like receptor 2, 3, and 4 expression and function in human airway smooth muscle. Journal of Allergy and Clinical Immunology, 2006, 118, 641-648.	1.5	134
102	IL4RÎ±Mutations Are Associated with Asthma Exacerbations and Mast Cell/IgE Expression. American Journal of Respiratory and Critical Care Medicine, 2007, 175, 570-576.	2.5	133
103	Asthma phenotyping: a necessity for improved therapeutic precision and new targeted therapies. Journal of Internal Medicine, 2016, 279, 192-204.	2.7	130
104	Physiotherapy, and speech and language therapy intervention for patients with refractory chronic cough: a multicentre randomised control trial. Thorax, 2017, 72, 129-136.	2.7	130
105	Nitrosative stress in the bronchial mucosa of severe chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2005, 116, 1028-1035.	1.5	127
106	Airway smooth muscle cells: contributing to and regulating airway mucosal inflammation?. European Respiratory Journal, 2000, 15, 961-968.	3.1	124
107	Airway microbial dysbiosis in asthmatic patients: AÂtarget for prevention and treatment?. Journal of Allergy and Clinical Immunology, 2017, 139, 1071-1081.	1.5	124
108	Increased p21CIP1/WAF1and B Cell Lymphoma Leukemia-xLExpression and Reduced Apoptosis in Alveolar Macrophages from Smokers. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 724-731.	2.5	121

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109	STAT4 activation in smokers and patients with chronic obstructive pulmonary disease. European Respiratory Journal, 2004, 24, 78-85.	3.1	120
110	Alterations of the Arginine Metabolome in Asthma. American Journal of Respiratory and Critical Care Medicine, 2008, 178, 673-681.	2.5	116
111	Inhaled corticosteroids as combination therapy with Î²-adrenergic agonists in airways disease: present and future. European Journal of Clinical Pharmacology, 2009, 65, 853-871.	0.8	115
112	Importance of hedgehog interacting protein and other lung function genes in asthma. Journal of Allergy and Clinical Immunology, 2011, 127, 1457-1465.	1.5	115
113	Relationship between exhaled nitric oxide and mucosal eosinophilic inflammation in mild to moderately severe asthma. Thorax, 2000, 55, 184-188.	2.7	114
114	Cytokines as Targets in Chronic Obstructive Pulmonary Disease. Current Drug Targets, 2006, 7, 675-681.	1.0	114
115	Silver nanoparticles reduce brain inflammation and related neurotoxicity through induction of H2S-synthesizing enzymes. Scientific Reports, 2017, 7, 42871.	1.6	110
116	Obesity-Associated Severe Asthma Represents a Distinct Clinical Phenotype. Chest, 2013, 143, 406-414.	0.4	109
117	Oxidative Stress in Ozone-Induced Chronic Lung Inflammation and Emphysema: A Facet of Chronic Obstructive Pulmonary Disease. Frontiers in Immunology, 2020, 11, 1957.	2.2	108
118	Models of chronic obstructive pulmonary disease. Respiratory Research, 2004, 5, 18.	1.4	107
119	Validated and longitudinally stable asthma phenotypes based on cluster analysis of the ADEPT study. Respiratory Research, 2016, 17, 165.	1.4	107
120	Pathway discovery using transcriptomic profiles in adult-onset severe asthma. Journal of Allergy and Clinical Immunology, 2018, 141, 1280-1290.	1.5	105
121	Reduced pH and chloride levels in exhaled breath condensate of patients with chronic cough. Thorax, 2004, 59, 608-612.	2.7	104
122	â€œT2-highâ€•in severe asthma related to blood eosinophil, exhaled nitric oxide andÂserum periostin. European Respiratory Journal, 2019, 53, 1800938.	3.1	104
123	Mechanistic impact of outdoor air pollution on asthma and allergic diseases. Journal of Thoracic Disease, 2015, 7, 23-33.	0.6	104
124	Mesenchymal stem cells alleviate oxidative stressâ€“induced mitochondrial dysfunction in the airways. Journal of Allergy and Clinical Immunology, 2018, 141, 1634-1645.e5.	1.5	103
125	Roles of TRPA1 and TRPV1 in cigarette smoke -induced airway epithelial cell injury model. Free Radical Biology and Medicine, 2019, 134, 229-238.	1.3	103
126	Effect of p38 MAPK inhibition on corticosteroid suppression of cytokine release in severe asthma. European Respiratory Journal, 2010, 35, 750-756.	3.1	102

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127	Alteration of Adenosine Receptors in Patients with Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2006, 173, 398-406.	2.5	101
128	Mechanisms of induction of airway smooth muscle hyperplasia by transforming growth factor-Î². American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 293, L245-L253.	1.3	101
129	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, 1024-1027.	1.0	100
130	Role of TLR2, TLR4, and MyD88 in murine ozone-induced airway hyperresponsiveness and neutrophilia. Journal of Applied Physiology, 2007, 103, 1189-1195.	1.2	100
131	Restoration of Corticosteroid Sensitivity by p38 Mitogen Activated Protein Kinase Inhibition in Peripheral Blood Mononuclear Cells from Severe Asthma. PLoS ONE, 2012, 7, e41582.	1.1	100
132	Targeted anti-inflammatory therapeutics in asthma and chronic obstructive lung disease. Translational Research, 2016, 167, 192-203.	2.2	100
133	A role for phosphoinositol 3â€“kinase Î´ in the impairment of glucocorticoid responsiveness in patients with chronic obstructive pulmonary disease. Journal of Allergy and Clinical Immunology, 2010, 125, 1146-1153.	1.5	99
134	The Stability of Silver Nanoparticles in a Model of Pulmonary Surfactant. Environmental Science & Technology, 2013, 47, 11232-11240.	4.6	99
135	Innate immunity but not NLRP3 inflammasome activation correlates with severity of stable COPD. Thorax, 2014, 69, 516-524.	2.7	99
136	Regulation of TGF-Î²1-induced connective tissue growth factor expression in airway smooth muscle cells. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2005, 288, L68-L76.	1.3	96
137	Detrimental Effects of Environmental Tobacco Smoke in Relation to Asthma Severity. PLoS ONE, 2011, 6, e18574.	1.1	96
138	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, 347-354.	3.5	95
139	Transcriptional profiling identifies the long noncoding RNA plasmacytoma variant translocation () Tj ETQq1 1 0.784314 rgBT /Overloc Allergy and Clinical Immunology, 2017, 139, 780-789.	1.5	95
140	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, 140-144.	2.9	94
141	Ozone induction of cytokine-induced neutrophil chemoattractant (CINC) and nuclear factor-Îºb in rat lung: inhibition by corticosteroids. FEBS Letters, 1996, 379, 265-268.	1.3	94
142	Pulmonary Toxicity of Instilled Silver Nanoparticles: Influence of Size, Coating and Rat Strain. PLoS ONE, 2015, 10, e0119726.	1.1	94
143	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, 1228-1234.	2.7	92
144	Safety of bronchial thermoplasty in patients with severe refractory asthma. Annals of Allergy, Asthma and Immunology, 2013, 111, 402-407.	0.5	91

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145	Steroid resistance in asthma: Mechanisms and treatment options. Current Allergy and Asthma Reports, 2008, 8, 171-178.	2.4	90
146	Molecular mechanisms of oxidative stress in asthma. Molecular Aspects of Medicine, 2022, 85, 101026.	2.7	90
147	Induction of eotaxin expression and release from human airway smooth muscle cells by IL-1Î² and TNFÎ±: effects of IL-10 and corticosteroids. British Journal of Pharmacology, 1999, 127, 1145-1150.	2.7	89
148	Sleep quality and asthma control and quality of life in non-severe and severe asthma. Sleep and Breathing, 2012, 16, 1129-1137.	0.9	89
149	Fractalkine/CX3CL1 production by human airway smooth muscle cells: induction by IFN-Î³ and TNF-Î± and regulation by TGF-Î² and corticosteroids. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2004, 287, L1230-L1240.	1.3	88
150	Cytokine inhibition in the treatment of COPD. International Journal of COPD, 2014, 9, 397.	0.9	88
151	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.	1.8	87
152	Induction and regulation of matrix metalloproteinase-12in human airway smooth muscle cells. Respiratory Research, 2005, 6, 148.	1.4	86
153	Bacteria in sputum of stable severe asthma and increased airway wall thickness. Respiratory Research, 2012, 13, 35.	1.4	86
154	Impaired macrophage phagocytosis of bacteria in severe asthma. Respiratory Research, 2014, 15, 72.	1.4	85
155	Expression and activation of TGF-Â isoforms in acute allergen-induced remodelling in asthma. Thorax, 2007, 62, 307-313.	2.7	84
156	Personal strategies to minimise effects of air pollution on respiratory health: advice for providers, patients and the public. European Respiratory Journal, 2020, 55, 1902056.	3.1	84
157	Increase in airway neutrophils after oral but not inhaled corticosteroid therapy in mild asthma. Respiratory Medicine, 2005, 99, 200-207.	1.3	83
158	MUC5AC expression is increased in bronchial submucosal glands of stable COPD patients. Histopathology, 2009, 55, 321-331.	1.6	83
159	Sputum microbiota in severe asthma patients: Relationship to eosinophilic inflammation. Respiratory Medicine, 2017, 131, 192-198.	1.3	83
160	Repeated allergen exposure of sensitized Brown-Norway rats induces airway cell DNA synthesis and remodelling. European Respiratory Journal, 1999, 14, 633.	3.1	82
161	Cigarette smoke induces IL-8, but inhibits eotaxin and RANTES release from airway smooth muscle. Respiratory Research, 2005, 6, 74.	1.4	82
162	Corticosteroid Inhibition of Growth-Related Oncogene Protein-Î± via Mitogen-Activated Kinase Phosphatase-1 in Airway Smooth Muscle Cells. Journal of Immunology, 2007, 178, 7366-7375.	0.4	82

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163	Neutrophil-Derived Elastase Induces TGF-Î²1 Secretion in Human Airway Smooth Muscle via NF-ÎºB Pathway. American Journal of Respiratory Cell and Molecular Biology, 2006, 35, 407-414.	1.4	81
164	New treatments for severe treatment-resistant asthma: targeting the right patient. Lancet Respiratory Medicine,the, 2013, 1, 639-652.	5.2	81
165	IL-17â€“high asthma with features of a psoriasis immunophenotype. Journal of Allergy and Clinical Immunology, 2019, 144, 1198-1213.	1.5	80
166	Cough hypersensitivity and chronic cough. Nature Reviews Disease Primers, 2022, 8, .	18.1	80
167	Leukotriene receptor antagonists and biosynthesis inhibitors: potential breakthrough in asthma therapy. European Respiratory Journal, 1995, 8, 1203-1213.	3.1	79
168	Blood neutrophil activation markers in severe asthma: lack of inhibition by prednisolone therapy. Respiratory Research, 2006, 7, 59.	1.4	79
169	Effectiveness of omalizumab in patients with inadequately controlled severe persistent allergic asthma: An open-label study. Respiratory Medicine, 2008, 102, 1371-1378.	1.3	79
170	Association of increased CCL5 and CXCL7 chemokine expression with neutrophil activation in severe stable COPD. Thorax, 2009, 64, 968-975.	2.7	79
171	IL-22 suppresses IFN-Î³â€“mediated lung inflammation in asthmatic patients. Journal of Allergy and Clinical Immunology, 2013, 131, 562-570.	1.5	79
172	Characteristics of Perimenstrual Asthma and Its Relation to Asthma Severity and Control. Chest, 2013, 143, 984-992.	0.4	78
173	Research in progress: Medical Research Council United Kingdom Refractory Asthma Stratification Programme (RASP-UK). Thorax, 2016, 71, 187-189.	2.7	78
174	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, 746-752.	1.4	77
175	Roles of mitochondrial ROS and NLRP3 inflammasome in multiple ozone-induced lung inflammation and emphysema. Respiratory Research, 2018, 19, 230.	1.4	77
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