Stephen T Holgate

List of Publications by Year
in descending order

78 papers	7,075 citations	81900 39 h-index	74163 75 g-index
81 all docs	81 docs citations	81 times ranked	10619 citing authors

#	Article	IF	Citations
1	Treatable traits: toward precision medicine of chronic airway diseases. European Respiratory Journal, 2016, 47, 410-419.	6.7	746
2	Trials of anti-tumour necrosis factor therapy for COVID-19 are urgently needed. Lancet, The, 2020, 395, 1407-1409.	13.7	472
3	Epithelium dysfunction in asthma. Journal of Allergy and Clinical Immunology, 2007, 120, 1233-1244.	2.9	423
4	Safety and efficacy of inhaled nebulised interferon beta-1a (SNG001) for treatment of SARS-CoV-2 infection: a randomised, double-blind, placebo-controlled, phase 2 trial. Lancet Respiratory Medicine,the, 2021, 9, 196-206.	10.7	370
5	The sentinel role of the airway epithelium in asthma pathogenesis. Immunological Reviews, 2011, 242, 205-219.	6.0	338
6	Meteorological conditions, climate change, new emerging factors, and asthma and related allergic disorders. A statement of the World Allergy Organization. World Allergy Organization Journal, 2015, 8, 25.	3.5	328
7	The Airway Epithelium is Central to the Pathogenesis of Asthma. Allergology International, 2008, 57, 1-10.	3.3	274
8	The Contribution of Interleukin (IL)-4 and IL-13 to the Epithelialâ€“Mesenchymal Trophic Unit in Asthma. American Journal of Respiratory Cell and Molecular Biology, 2001, 25, 385-391.	2.9	260
9	Epithelial-Mesenchymal Communication in the Pathogenesis of Chronic Asthma. Proceedings of the American Thoracic Society, 2004, 1, 93-98.	3.5	195
10	Omalizumab in Asthma: An Update on Recent Developments. Journal of Allergy and Clinical Immunology: in Practice, 2014, 2, 525-536.e1.	3.8	179
11	A new look at the pathogenesis of asthma. Clinical Science, 2010, 118, 439-450.	4.3	177
12	The ARRIVE guidelines 2.0: updated guidelines for reporting animal research. Journal of Physiology, 2020, 598, 3793-3801.	2.9	177
13	The epithelium takes centre stage in asthma and atopic dermatitis. Trends in Immunology, 2007, 28, 248-251.	6.8	175
14	The Role of the Airway Epithelium and its Interaction with Environmental Factors in Asthma Pathogenesis. Proceedings of the American Thoracic Society, 2009, 6, 655-659.	3.5	169
15	Immunohistochemical identification of mast cells in formaldehyde-fixed tissue using monoclonal antibodies specific for tryptase. Journal of Pathology, 1990, 162, 119-126.	4.5	164
16	Release of Mast-Cell-derived Mediators after Endobronchial Adenosine Challenge in Asthma. American Journal of Respiratory and Critical Care Medicine, 1995, 151, 624-629.	5.6	153
17	Understanding the pathophysiology of severe asthma to generate new therapeutic opportunities. Journal of Allergy and Clinical Immunology, 2006, 117, 496-506.	2.9	133
18	The Mouse Trap. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 1173-1176.	5.6	132

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19	The use of omalizumab in the treatment of severe allergic asthma: A clinical experience update. Respiratory Medicine, 2009, 103, 1098-1113.	2.9	109
20	Asthma in the elderly: what we know and what we have yet to know. World Allergy Organization Journal, 2014, 7, 8.	3.5	105
21	Human mast cells express stem cell factor. , 1998, 186, 59-66.		104
22	Exposure, Uptake, Distribution and Toxicity of Nanomaterials in Humans. Journal of Biomedical Nanotechnology, 2010, 6, 1-19.	1.1	97
23	Physiotherapy breathing retraining for asthma: a randomised controlled trial. Lancet Respiratory Medicine,the, 2018, 6, 19-28.	10.7	97
24	The Quintiles Prize Lecture 2004: The identification of the adenosine A2B receptor as a novel therapeutic target in asthma. British Journal of Pharmacology, 2005, 145, 1009-1015.	5.4	91
25	Asthma genetics and personalised medicine. Lancet Respiratory Medicine,the, 2014, 2, 405-415.	10.7	91
26	Chronic fatigue syndrome: understanding a complex illness. Nature Reviews Neuroscience, 2011, 12, 539-544.	10.2	86
27	â€˜Every breath we take: the lifelong impact of air pollutionâ€™ â€“ a call for action. Clinical Medicine, 2017, 17, 8-12.	1.9	81
28	Staphylococcus aureusand its IgE-inducing enterotoxins in asthma: current knowledge. European Respiratory Journal, 2020, 55, 1901592.	6.7	71
29	Rethinking the Pathogenesis of Asthma. Immunity, 2009, 31, 362-367.	14.3	65
30	Asthma: a simple concept but in reality a complex disease. European Journal of Clinical Investigation, 2011, 41, 1339-1352.	3.4	61
31	New targets for allergic rhinitis â€” a disease of civilization. Nature Reviews Drug Discovery, 2003, 2, 903-915.	46.4	59
32	Cytokine and anti-cytokine therapy for the treatment of asthma and allergic disease. Cytokine, 2004, 28, 152-157.	3.2	58
33	A Brief History of Asthma and Its Mechanisms to Modern Concepts of Disease Pathogenesis. Allergy, Asthma and Immunology Research, 2010, 2, 165.	2.9	53
34	An inflammation-independent contraction mechanophenotype of airway smooth muscle in asthma. Journal of Allergy and Clinical Immunology, 2016, 138, 294-297.e4.	2.9	52
35	Academia Europaea Position Paper on Translational Medicine: The Cycle Model for Translating Scientific Results into Community Benefits. Journal of Clinical Medicine, 2020, 9, 1532.	2.4	50
36	The health effects of fine particulate air pollution. BMJ, The, 2019, 367, l6609.	6.0	49

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37	New strategies with anti-IgE in allergic diseases. World Allergy Organization Journal, 2014, 7, 17.	3.5	48
38	Pattern of usage and somatic hypermutation in the VH5 gene segments of a patient with asthma: Implications for IgE. European Journal of Immunology, 1997, 27, 162-170.	2.9	44
39	Novel targets of therapy in asthma. Current Opinion in Pulmonary Medicine, 2009, 15, 63-71.	2.6	44
40	The Mast Cell as a Source of Cytokines in Asthma. Annals of the New York Academy of Sciences, 1996, 796, 272-281.	3.8	41
41	Stratified approaches to the treatment of asthma. British Journal of Clinical Pharmacology, 2013, 76, 277-291.	2.4	41
42	A look at the pathogenesis of asthma: the need for a change in direction. Discovery Medicine, 2010, 9, 439-47.	0.5	41
43	ADAM33: a newly identified protease involved in airway remodelling. Pulmonary Pharmacology and Therapeutics, 2006, 19, 3-11.	2.6	39
44	The epidemic of asthma and allergy. Journal of the Royal Society of Medicine, 2004, 97, 103-110.	2.0	37
45	Local action on outdoor air pollution to improve public health. International Journal of Public Health, 2018, 63, 557-565.	2.3	36
46	Immunohistochemical analysis of the activation of NFâ€ºB and expression of associated cytokines and adhesion molecules in human models of allergic inflammation. Journal of Pathology, 1999, 189, 265-272.	4.5	35
47	Health effects of acute exposure to air pollution. Part I: Healthy and asthmatic subjects exposed to diesel exhaust. Research Report (health Effects Institute), 2003, , 1-30; discussion 51-67.	1.6	33
48	Inflammatory processes and bronchial hyperresponsiveness. Clinical and Experimental Allergy, 1991, 21, 30-36.	2.9	32
49	Soluble ADAM33 initiates airway remodeling to promote susceptibility for allergic asthma in early life. JCI Insight, 2016, 1, .	5.0	31
50	Clonally related IgE and IgG4 transcripts in blood lymphocytes of patients with asthma reveal differing patterns of somatic mutation. European Journal of Immunology, 1998, 28, 3354-3361.	2.9	29
51	Asthma: A Dynamic Disease of Inflammation and Repair. Novartis Foundation Symposium, 1997, 206, 5-34.	1.1	28
52	ADAM 33 and Its Association With Airway Remodeling and Hyperresponsiveness in Asthma. Clinical Reviews in Allergy and Immunology, 2004, 27, 023-034.	6.5	24
53	The expanding role of immunopharmacology: <scp>IUPHAR</scp> Review 16. British Journal of Pharmacology, 2015, 172, 4217-4227.	5.4	23
54	The clear and persistent impact of air pollution on chronic respiratory diseases: a call for interventions. European Respiratory Journal, 2021, 57, 2002981.	6.7	21

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55	Drug development for airway diseases: looking forward. Nature Reviews Drug Discovery, 2015, 14, 367-368.	46.4	18
56	The future of asthma research and development: a roadmap from the European Asthma Research and Innovation Partnership (EARIP). European Respiratory Journal, 2017, 49, 1602295.	6.7	18
57	Human tissue models for a human disease: what are the barriers?. Thorax, 2015, 70, 695-697.	5.6	15
58	Clinical Pharmacology of Asthma. Drugs, 1993, 46, 847-862.	10.9	14
59	Overcoming fragmentation of health research in Europe: lessons from COVID-19. Lancet, The, 2020, 395, 1970-1971.	13.7	14
60	A randomised controlled study of the effectiveness of breathing retraining exercises taught by a physiotherapist either by instructional DVD or in face-to-face sessions in the management of asthma in adults. Health Technology Assessment, 2017, 21, 1-162.	2.8	13
61	ADAM33: A Newly Identified Gene in the Pathogenesis of Asthma. Immunology and Allergy Clinics of North America, 2005, 25, 655-668.	1.9	12
62	A treatment for allergic rhinitis:a view on the role of levocetirizine. Current Medical Research and Opinion, 2005, 21, 1099-1106.	1.9	12
63	Evaluating the long-term consequences of air pollution in early life: geographical correlations between coal consumption in 1951/1952 and current mortality in England and Wales. BMJ Open, 2018, 8, e018231.	1.9	12
64	Health effects of acute exposure to air pollution. Part II: Healthy subjects exposed to concentrated ambient particles. Research Report (health Effects Institute), 2003, , 31-50; discussion 51-67.	1.6	12
65	The era of research collaborations: new models for working together. European Respiratory Journal, 2017, 49, 1601848.	6.7	11
66	The Future of Asthma Care. Clinics in Chest Medicine, 2019, 40, 227-241.	2.1	11
67	Immunogenetics of human IgE. Human Antibodies, 1996, 7, 157-166.	1.5	10
68	A method for the generation of large numbers of dendritic cells from CD34+ hematopoietic stem cells from cord blood. Journal of Immunological Methods, 2020, 477, 112703.	1.4	8
69	Reducing the hidden burden of severe asthma: recognition and referrals from primary practice. Journal of Asthma, 2021, 58, 849-854.	1.7	8
70	Perspective: A human touch. Nature, 2011, 479, S22-S22.	27.8	4
71	The European Respiratory Society evaluates its 2013â€“2018 strategic plan implementation. European Respiratory Journal, 2016, 47, 693-698.	6.7	3
72	Air pollution: The time has arrived for the medical profession to take ownership of the problem and act. Respirology, 2019, 24, 1138-1139.	2.3	3

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73	A comment on â€œScientometrics in a changing research landscapeâ€• EMBO Reports, 2015, 16, 261-261.	4.5	2
74	Accelerating the transition of clinical science to translational medicine. Clinical Science, 2021, 135, 2423-2428.	4.3	2
75	Discovery of new treatments in the context of delivering personalized medicine. Personalized Medicine, 2012, 9, 101-104.	1.5	1
76	The ever-expanding ERS fellowship programmes: achievements over the past 3 years. European Respiratory Journal, 2016, 48, 595-599.	6.7	1
77	Letter from the UK (if we still exist after recent events!). Respirology, 2019, 24, 286-287.	2.3	0
78	Anthony Barrington Kay 1939â€2020.. Clinical and Experimental Allergy, 2021, 51, 206-208.	2.9	0