

Salman Siddiqui Frcp

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

4,779
citations

136950

32
h-index

98798

67
g-index

93
all docs

93
docs citations

93
times ranked

5437
citing authors

#	ARTICLE	IF	CITATIONS
1	T _H 2 and T _H 17 inflammatory pathways are reciprocally regulated in asthma. <i>Science Translational Medicine</i> , 2015, 7, 301ra129.	12.4	380
2	Blood Eosinophils: A Biomarker of Response to Extrafine Beclomethasone/Formoterol in Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 192, 523-525.	5.6	338
3	Expression of the T Helper 17-Associated Cytokines IL-17A and IL-17F in Asthma and COPD. <i>Chest</i> , 2010, 138, 1140-1147.	0.8	331
4	Increased sputum and bronchial biopsy IL-13 expression in severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 121, 685-691.	2.9	243
5	Exploring the relevance and extent of small airways dysfunction in asthma (ATLANTIS): baseline data from a prospective cohort study. <i>Lancet Respiratory Medicine</i> , 2019, 7, 402-416.	10.7	225
6	Fevipirant, a prostaglandin D ₂ receptor 2 antagonist, in patients with persistent eosinophilic asthma: a single-centre, randomised, double-blind, parallel-group, placebo-controlled trial. <i>Lancet Respiratory Medicine</i> , 2016, 4, 699-707.	10.7	220
7	Elevated Sputum Interleukin-5 and Submucosal Eosinophilia in Obese Individuals with Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 657-663.	5.6	198
8	Qualitative Analysis of High-Resolution CT Scans in Severe Asthma. <i>Chest</i> , 2009, 136, 1521-1528.	0.8	190
9	Airway Smooth Muscle and Mast Cell-derived CC Chemokine Ligand 19 Mediate Airway Smooth Muscle Migration in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2006, 174, 1179-1188.	5.6	134
10	Fibrocyte localization to the airway smooth muscle is a feature of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 123, 376-384.	2.9	120
11	Mast Cells Promote Airway Smooth Muscle Cell Differentiation via Autocrine Up-Regulation of TGF- β 1. <i>Journal of Immunology</i> , 2008, 181, 5001-5007.	0.8	113
12	Airway hyperresponsiveness is dissociated from airway wall structural remodeling. <i>Journal of Allergy and Clinical Immunology</i> , 2008, 122, 335-341.e3.	2.9	110
13	Quantitative computed tomography-derived clusters: Redefining airway remodeling in asthmatic patients. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 729-738.e18.	2.9	108
14	Effect of tralokinumab, an interleukin-13 neutralising monoclonal antibody, on eosinophilic airway inflammation in uncontrolled moderate-to-severe asthma (MESOS): a multicentre, double-blind, randomised, placebo-controlled phase 2 trial. <i>Lancet Respiratory Medicine</i> , 2018, 6, 499-510.	10.7	104
15	The case for impulse oscillometry in the management of asthma in children and adults. <i>Annals of Allergy, Asthma and Immunology</i> , 2017, 118, 664-671.	1.0	99
16	The Role of CT Scanning in Multidimensional Phenotyping of COPD. <i>Chest</i> , 2011, 140, 634-642.	0.8	96
17	Quantitative analysis of high-resolution computed tomography scans in severe asthma subphenotypes. <i>Thorax</i> , 2010, 65, 775-781.	5.6	93
18	Lung Computational Models and the Role of the Small Airways in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 982-991.	5.6	91

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19	Vascular remodeling is a feature of asthma and nonasthmatic eosinophilic bronchitis. <i>Journal of Allergy and Clinical Immunology</i> , 2007, 120, 813-819.	2.9	87
20	Relationship between lung function and quantitative computed tomographic parameters of airway remodeling, air trapping, and emphysema in patients with asthma and chronic obstructive pulmonary disease: A single-center study. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 1413-1422.e12.	2.9	78
21	ACE2, TMPRSS2, and furin gene expression in the airways of people with asthma—implications for COVID-19. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 208-211.	2.9	77
22	Eosinophil protein in airway macrophages: A novel biomarker of eosinophilic inflammation in patients with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 61-69.e3.	2.9	76
23	Safety and effectiveness of bronchial thermoplasty after 10 years in patients with persistent asthma (BT10+): a follow-up of three randomised controlled trials. <i>Lancet Respiratory Medicine</i> , 2021, 9, 457-466.	10.7	63
24	Lung function decline and variable airway inflammatory pattern: Longitudinal analysis of severe asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 287-294.e5.	2.9	58
25	DP2 antagonism reduces airway smooth muscle mass in asthma by decreasing eosinophilia and myofibroblast recruitment. <i>Science Translational Medicine</i> , 2019, 11, .	12.4	57
26	Airway Wall Expression of OX40/OX40L and Interleukin-4 in Asthma. <i>Chest</i> , 2010, 137, 797-804.	0.8	47
27	Breath analysis by two-dimensional gas chromatography with dual flame ionisation and mass spectrometric detection—Method optimisation and integration within a large-scale clinical study. <i>Journal of Chromatography A</i> , 2019, 1594, 160-172.	3.7	46
28	Development and Analysis of Patient-Based Complete Conducting Airways Models. <i>PLoS ONE</i> , 2015, 10, e0144105.	2.5	45
29	Putting lung function and physiology into perspective: cystic fibrosis in adults. <i>Respirology</i> , 2015, 20, 33-45.	2.3	43
30	In vitro, in silico and in vivo study challenges the impact of bronchial thermoplasty on acute airway smooth muscle mass loss. <i>European Respiratory Journal</i> , 2018, 51, 1701680.	6.7	42
31	The role of small airway dysfunction in asthma control and exacerbations: a longitudinal, observational analysis using data from the ATLANTIS study. <i>Lancet Respiratory Medicine</i> , 2022, 10, 661-668.	10.7	41
32	Lung clearance index in adults with non-cystic fibrosis bronchiectasis. <i>Respiratory Research</i> , 2014, 15, 59.	3.6	39
33	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.	5.7	37
34	Functional CT imaging for identification of the spatial determinants of small-airways disease in adults with asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 83-93.	2.9	34
35	Associations in asthma between quantitative computed tomography and bronchial biopsy-derived airway remodelling. <i>European Respiratory Journal</i> , 2017, 49, 1601507.	6.7	32
36	Airway impedance entropy and exacerbations in severe asthma. <i>European Respiratory Journal</i> , 2012, 40, 1156-1163.	6.7	31

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37	A CEACAM6-High Airway Neutrophil Phenotype and CEACAM6-High Epithelial Cells Are Features of Severe Asthma. <i>Journal of Immunology</i> , 2017, 198, 3307-3317.	0.8	31
38	Unmet Needs in Severe Asthma Subtyping and Precision Medicine Trials. Bridging Clinical and Patient Perspectives. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 823-829.	5.6	31
39	Blood eosinophils as a biomarker of future COPD exacerbation risk: pooled data from 11 clinical trials. <i>Respiratory Research</i> , 2020, 21, 240.	3.6	29
40	Characterization of acinar airspace involvement in asthmatic patients by using inert gas washout and hyperpolarized 3helium magnetic resonance. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 417-425.	2.9	28
41	Airway pathological heterogeneity in asthma: Visualization of disease microclusters using topological data analysis. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1457-1468.	2.9	27
42	Regional Ventilation Changes in the Lung: Treatment Response Mapping by Using Hyperpolarized Gas MR Imaging as a Quantitative Biomarker. <i>Radiology</i> , 2017, 284, 854-861.	7.3	26
43	Blood eosinophils: a biomarker of COPD exacerbation reduction with inhaled corticosteroids. <i>International Journal of COPD</i> , 2018, Volume 13, 3669-3676.	2.3	26
44	Comparison of Forced and Impulse Oscillometry Measurements: A Clinical Population and Printed Airway Model Study. <i>Scientific Reports</i> , 2019, 9, 2130.	3.3	25
45	Assessment of breath volatile organic compounds in acute cardiorespiratory breathlessness: a protocol describing a prospective real-world observational study. <i>BMJ Open</i> , 2019, 9, e025486.	1.9	24
46	Mast Cell Fibroblastoid Differentiation Mediated by Airway Smooth Muscle in Asthma. <i>Journal of Immunology</i> , 2010, 185, 6105-6114.	0.8	23
47	Unmet needs for the assessment of small airways dysfunction in asthma: introduction to the ATLANTIS study. <i>European Respiratory Journal</i> , 2015, 45, 1534-1538.	6.7	23
48	Between-visit variability of small airway obstruction markers in patients with asthma. <i>European Respiratory Journal</i> , 2014, 44, 242-244.	6.7	20
49	Clinical Outcomes in People with Difficult-to-Control Asthma Using Electronic Monitoring to Support Medication Adherence. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 1529-1538.e2.	3.8	20
50	Evidence for phenotype-driven treatment in asthmatic patients. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2011, 11, 381-385.	2.3	19
51	IL-13 expression by blood T cells and not eosinophils is increased in asthma compared to non-asthmatic eosinophilic bronchitis. <i>BMC Pulmonary Medicine</i> , 2009, 9, 34.	2.0	18
52	Sputum mediator profiling and relationship to airway wall geometry imaging in severe asthma. <i>Respiratory Research</i> , 2013, 14, 17.	3.6	18
53	Particles in exhaled air (PExA): non-invasive phenotyping of small airways disease in adult asthma. <i>Journal of Breath Research</i> , 2018, 12, 046012.	3.0	18
54	Validation of a Photoacoustic Gas Analyser for the Measurement of Functional Residual Capacity Using Multiple-Breath Inert Gas Washout. <i>Respiration</i> , 2014, 87, 462-468.	2.6	17

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55	The relationship between the Leicester cough questionnaire, eosinophilic airway inflammation and asthma patient related outcomes in severe adult asthma. <i>Respiratory Research</i> , 2017, 18, 44.	3.6	16
56	Small airway imaging phenotypes in biomass- and tobacco smoke-exposed patients with COPD. <i>ERJ Open Research</i> , 2017, 3, 00124-2016.	2.6	16
57	Applications of oscillometry in clinical research and practice. <i>Canadian Journal of Respiratory, Critical Care, and Sleep Medicine</i> , 2021, 5, 54-68.	0.5	15
58	Advances in the Management of Severe Asthma. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2012, 33, 666-684.	2.1	14
59	Ethnic Differences in Severe Asthma Clinical Care and Outcomes: An Analysis of United Kingdom Primary and Specialist Care. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2022, 10, 495-505.e2.	3.8	14
60	Modelling the effect of gravity on inert-gas washout outputs. <i>Physiological Reports</i> , 2018, 6, e13709.	1.7	13
61	Use of the ReCIVA device in breath sampling of patients with acute breathlessness: a feasibility study. <i>ERJ Open Research</i> , 2020, 6, 00119-2020.	2.6	12
62	Considering biomarkers in asthma disease severity. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 480-487.	2.9	12
63	The variability of volatile organic compounds in the indoor air of clinical environments. <i>Journal of Breath Research</i> , 2021, 16, .	3.0	11
64	Increased ventilation heterogeneity in asthma can be attributed to proximal bronchioles. <i>European Respiratory Journal</i> , 2020, 55, 1901345.	6.7	10
65	Temporal Assessment of Airway Remodeling in Severe Asthma Using Quantitative Computed Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015, 191, 107-110.	5.6	9
66	Small airways, big challenge: measuring the unseen?. <i>Nature Medicine</i> , 2012, 18, 1619-1621.	30.7	8
67	Fibrocyte localisation to the ASM bundle in asthma: bidirectional effects on cell phenotype and behaviour. <i>Clinical and Translational Immunology</i> , 2020, 9, e1205.	3.8	7
68	Domiciliary exhaled nitric oxide and eosinophilic airway inflammation in adults with asthma. <i>European Respiratory Journal</i> , 2016, 48, 242-244.	6.7	6
69	Proning reduces ventilation heterogeneity in patients with elevated BMI: implications for COVID-19 pneumonia management?. <i>ERJ Open Research</i> , 2020, 6, 00292-2020.	2.6	6
70	Pathological disease in the lung periphery after acute COVID-19. <i>Lancet Respiratory Medicine</i> , 2021, 9, 1089-1090.	10.7	6
71	Association of gut-related metabolites with respiratory symptoms in COVID-19: A proof-of-concept study. <i>Nutrition</i> , 2022, 96, 111585.	2.4	6
72	Imaging advances in asthma. <i>Expert Opinion on Medical Diagnostics</i> , 2011, 5, 453-465.	1.6	5

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73	Can inhaled corticosteroids prevent asthma exacerbations?. Current Opinion in Pulmonary Medicine, 2011, 17, 16-22.	2.6	5
74	Peripheral and proximal lung ventilation in asthma: Short-term variation and response to bronchodilator inhalation. Journal of Allergy and Clinical Immunology, 2021, 147, 2154-2161.e6.	2.9	5
75	A systematic review of the diagnostic accuracy of volatile organic compounds in airway diseases and their relation to markers of type-2 inflammation. ERJ Open Research, 2021, 7, 00030-2021.	2.6	5
76	The causes of a peripheral blood eosinophilia in a secondary care setting. Clinical and Experimental Allergy, 2021, 51, 902-914.	2.9	5
77	Biologics in severe asthma: Which one, When and Where?. Clinical and Experimental Allergy, 2021, 51, 1225-1228.	2.9	5
78	The validity of shortened multiple-breath washout testing using sulfur hexafluoride in the assessment of patients with COPD. ERJ Open Research, 2021, 7, 00379-2020.	2.6	3
79	Validation of impulse oscillometry R5-R20 as a small airways dysfunction detection tool in adult asthma. , 2016, , .		3
80	Artificial intelligence for pulmonary function test interpretation. European Respiratory Journal, 2019, 53, 1900638.	6.7	2
81	Assessing small airways dysfunction in asthma, asthma remission and healthy controls using particles in exhaled air. ERJ Open Research, 2019, 5, 00202-2019.	2.6	2
82	Characterising the role of small airways in severe asthma using low frequency forced oscillations: A combined computational and clinical approach. Respiratory Medicine, 2020, 170, 106022.	2.9	2
83	Unexplained peripheral blood eosinophilia with gastrointestinal symptoms. Clinical and Experimental Allergy, 2021, 51, 623-626.	2.9	2
84	Imaging of eosinophilic lung disease. , 2022, , 51-72.		2
85	Visual vs Automated Assessment of Emphysema: Response. Chest, 2011, 140, 1385.	0.8	1
86	Image-based simulation and modeling: unlocking small airway function tests?. Journal of Applied Physiology, 2020, 129, 580-582.	2.5	1
87	Parametric response map registered CT feature and small airway physiology analysis in asthma. , 2017, , .		1
88	Reply to Lipworth and Kuo: Resistance Heterogeneity and Small Airway Asthma Phenotype. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 1442-1442.	5.6	0
89	Moving closer to clinical application of the forced oscillation technique in asthma monitoring?. Respirology, 2021, 26, 522-523.	2.3	0
90	Imaging severe asthma. , 2019, , 113-131.		0

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91	Airway Hyperresponsiveness: Inflammatory Mechanisms and Clinical Aspects. , 2009, , 203-226.		0