Salman Siddiqui Frcp

List of Publications by Year
in descending order

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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	Ethnic Differences in Severe Asthma Clinical Care and Outcomes: An Analysis of United Kingdom Primary and Specialist Care. Journal of Allergy and Clinical Immunology: in Practice, 2022, 10, 495-505.e2.	3.8	14
2	Imaging of eosinophilic lung disease. , 2022, , 51-72.		2
3	Considering biomarkers in asthma disease severity. Journal of Allergy and Clinical Immunology, 2022, 149, 480-487.	2.9	12
4	Association of gut-related metabolites with respiratory symptoms in COVID-19: A proof-of-concept study. Nutrition, 2022, 96, 111585.	2.4	6
5	The role of small airway dysfunction in asthma control and exacerbations: a longitudinal, observational analysis using data from the ATLANTIS study. Lancet Respiratory Medicine,the, 2022, 10, 661-668.	10.7	41
6	Clinical Outcomes in People with Difficult-to-Control Asthma Using Electronic Monitoring to Support Medication Adherence. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 1529-1538.e2.	3.8	20
7	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
8	Applications of oscillometry in clinical research and practice. Canadian Journal of Respiratory, Critical Care, and Sleep Medicine, 2021, 5, 54-68.	0.5	15
9	Unexplained peripheral blood eosinophilia with gastrointestinal symptoms. Clinical and Experimental Allergy, 2021, 51, 623-626.	2.9	2
10	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
11	Safety and effectiveness of bronchial thermoplasty after 10 years in patients with persistent asthma (BT10+): a follow-up of three randomised controlled trials. Lancet Respiratory Medicine,the, 2021, 9, 457-466.	10.7	63
12	Moving closer to clinical application of the forced oscillation technique in asthma monitoring?. Respirology, 2021, 26, 522-523.	2.3	0
13	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
14	The causes of a peripheral blood eosinophilia in a secondary care setting. Clinical and Experimental Allergy, 2021, 51, 902-914.	2.9	5
15	Biologics in severe asthma: Which one, When and Where?. Clinical and Experimental Allergy, 2021, 51, 1225-1228.	2.9	5
16	Pathological disease in the lung periphery after acute COVID-19. Lancet Respiratory Medicine,the, 2021, 9, 1089-1090.	10.7	6
17	The variability of volatile organic compounds in the indoor air of clinical environments. Journal of Breath Research, 2021, 16, .	3.0	11
18	Blood eosinophil count and airway epithelial transcriptome relationships in COPD versus asthma. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 370-380.	5.7	37

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19	Fibrocyte localisation to the ASM bundle in asthma: bidirectional effects on cell phenotype and behaviour. Clinical and Translational Immunology, 2020, 9, e1205.	3.8	7
20	Image-based simulation and modeling: unlocking small airway function tests?. Journal of Applied Physiology, 2020, 129, 580-582.	2.5	1
21	Proning reduces ventilation heterogeneity in patients with elevated BMI: implications for COVID-19 pneumonia management?. ERJ Open Research, 2020, 6, 00292-2020.	2.6	6
22	Blood eosinophils as a biomarker of future COPD exacerbation risk: pooled data from 11 clinical trials. Respiratory Research, 2020, 21, 240.	3.6	29
23	Increased ventilation heterogeneity in asthma can be attributed to proximal bronchioles. European Respiratory Journal, 2020, 55, 1901345.	6.7	10
24	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
25	ACE2, TMPRSS2, and furin gene expression in the airways of people with asthmaâ€"implications for COVID-19. Journal of Allergy and Clinical Immunology, 2020, 146, 208-211.	2.9	77
26	Use of the ReCIVA device in breath sampling of patients with acute breathlessness: a feasibility study. ERJ Open Research, 2020, 6, 00119-2020.	2.6	12
27	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
28	Artificial intelligence for pulmonary function test interpretation. European Respiratory Journal, 2019, 53, 1900638.	6.7	2
29	Lung Computational Models and the Role of the Small Airways in Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 982-991.	5.6	91
30	Functional CT imaging for identification of the spatial determinants of small-airways disease in adults with asthma. Journal of Allergy and Clinical Immunology, 2019, 144, 83-93.	2.9	34
31	Assessment of breath volatile organic compounds in acute cardiorespiratory breathlessness: a protocol describing a prospective real-world observational study. BMJ Open, 2019, 9, e025486.	1.9	24
32	Exploring the relevance and extent of small airways dysfunction in asthma (ATLANTIS): baseline data from a prospective cohort study. Lancet Respiratory Medicine,the, 2019, 7, 402-416.	10.7	225
33	Breath analysis by two-dimensional gas chromatography with dual flame ionisation and mass spectrometric detection â€“ Method optimisation and integration within a large-scale clinical study. Journal of Chromatography A, 2019, 1594, 160-172.	3.7	46
34	Unmet Needs in Severe Asthma Subtyping and Precision Medicine Trials. Bridging Clinical and Patient Perspectives. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 823-829.	5.6	31
35	Comparison of Forced and Impulse Oscillometry Measurements: A Clinical Population and Printed Airway Model Study. Scientific Reports, 2019, 9, 2130.	3.3	25
36	DP ₂ antagonism reduces airway smooth muscle mass in asthma by decreasing eosinophilia and myofibroblast recruitment. Science Translational Medicine, 2019, 11, .	12.4	57

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37	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
38	Imaging severe asthma. , 2019, , 113-131.		0
39	In vitro, in silico and in vivo study challenges the impact of bronchial thermoplasty on acute airway smooth muscle mass loss. European Respiratory Journal, 2018, 51, 1701680.	6.7	42
40	Airway pathological heterogeneity in asthma: Visualization of disease microclusters using topological data analysis. Journal of Allergy and Clinical Immunology, 2018, 142, 1457-1468.	2.9	27
41	Blood eosinophils: a biomarker of COPD exacerbation reduction with inhaled corticosteroids. International Journal of COPD, 2018, Volume 13, 3669-3676.	2.3	26
42	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. Lancet Respiratory Medicine,the, 2018, 6, 499-510.	10.7	104
43	Particles in exhaled air (PExA): non-invasive phenotyping of small airways disease in adult asthma. Journal of Breath Research, 2018, 12, 046012.	3.0	18
44	Modelling the effect of gravity on inert-gas washout outputs. Physiological Reports, 2018, 6, e13709.	1.7	13
45	The relationship between the Leicester cough questionnaire, eosinophilic airway inflammation and asthma patient related outcomes in severe adult asthma. Respiratory Research, 2017, 18, 44.	3.6	16
46	Small airway imaging phenotypes in biomass- and tobacco smoke-exposed patients with COPD. ERJ Open Research, 2017, 3, 00124-2016.	2.6	16
47	Regional Ventilation Changes in the Lung: Treatment Response Mapping by Using Hyperpolarized Gas MR Imaging as a Quantitative Biomarker. Radiology, 2017, 284, 854-861.	7.3	26
48	Associations in asthma between quantitative computed tomography andÂbronchial biopsy-derived airway remodelling. European Respiratory Journal, 2017, 49, 1601507.	6.7	32
49	The case for impulse oscillometry in the management of asthma in children and adults. Annals of Allergy, Asthma and Immunology, 2017, 118, 664-671.	1.0	99
50	A CEACAM6-High Airway Neutrophil Phenotype and CEACAM6-High Epithelial Cells Are Features of Severe Asthma. Journal of Immunology, 2017, 198, 3307-3317.	0.8	31
51	Parametric response map registered CT feature and small airway physiology analysis in asthma. , 2017, , .		1
52	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: AAsingle-center study. Journal of Allergy and Clinical Immunology, 2016, 137, 1413-1422.e12.	2.9	78
53	Fevipiprant, a prostaglandin D 2 receptor 2 antagonist, in patients with persistent eosinophilic asthma: a single-centre, randomised, double-blind, parallel-group, placebo-controlled trial. Lancet Respiratory Medicine,the, 2016, 4, 699-707.	10.7	220
54	Domiciliary exhaled nitric oxide and eosinophilic airway inflammation in adults with asthma. European Respiratory Journal, 2016, 48, 242-244.	6.7	6

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55	Characterization of acinar airspace involvement in asthmatic patients by using inert gas washout and hyperpolarized 3helium magnetic resonance. Journal of Allergy and Clinical Immunology, 2016, 137, 417-425.	2.9	28
56	Validation of impulse oscillometry R5-R20 as a small airways dysfunction detection tool in adult asthma. , 2016, , .		3
57	Blood Eosinophils: A Biomarker of Response to Extrafine Beclomethasone/Formoterol in Chronic Obstructive Pulmonary Disease. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 523-525.	5.6	338
58	Temporal Assessment of Airway Remodeling in Severe Asthma Using Quantitative Computed Tomography. American Journal of Respiratory and Critical Care Medicine, 2015, 191, 107-110.	5.6	9
59	Putting lung function and physiology into perspective: cystic fibrosis in adults. Respirology, 2015, 20, 33-45.	2.3	43
60	T _H 2 and T _H 17 inflammatory pathways are reciprocally regulated in asthma. Science Translational Medicine, 2015, 7, 301ra129.	12.4	380
61	Unmet needs for the assessment of small airways dysfunction in asthma: introduction to the ATLANTIS study. European Respiratory Journal, 2015, 45, 1534-1538.	6.7	23
62	Development and Analysis of Patient-Based Complete Conducting Airways Models. PLoS ONE, 2015, 10, e0144105.	2.5	45
63	Between-visit variability of small airway obstruction markers in patients with asthma. European Respiratory Journal, 2014, 44, 242-244.	6.7	20
64	Validation of a Photoacoustic Gas Analyser for the Measurement of Functional Residual Capacity Using Multiple-Breath Inert Gas Washout. Respiration, 2014, 87, 462-468.	2.6	17
65	Quantitative computed tomographyâ€“derived clusters: Redefining airway remodeling in asthmatic patients. Journal of Allergy and Clinical Immunology, 2014, 133, 729-738.e18.	2.9	108
66	Lung function decline and variable airway inflammatory pattern: Longitudinal analysis of severe asthma. Journal of Allergy and Clinical Immunology, 2014, 134, 287-294.e5.	2.9	58
67	Lung clearance index in adults with non-cystic fibrosis bronchiectasis. Respiratory Research, 2014, 15, 59.	3.6	39
68	Sputum mediator profiling and relationship to airway wall geometry imaging in severe asthma. Respiratory Research, 2013, 14, 17.	3.6	18
69	Elevated Sputum Interleukin-5 and Submucosal Eosinophilia in Obese Individuals with Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 657-663.	5.6	198
70	Airway impedance entropy and exacerbations in severe asthma. European Respiratory Journal, 2012, 40, 1156-1163.	6.7	31
71	Advances in the Management of Severe Asthma. Seminars in Respiratory and Critical Care Medicine, 2012, 33, 666-684.	2.1	14
72	Small airways, big challenge: measuring the unseen?. Nature Medicine, 2012, 18, 1619-1621.	30.7	8

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73	Imaging advances in asthma. Expert Opinion on Medical Diagnostics, 2011, 5, 453-465.	1.6	5
74	Can inhaled corticosteroids prevent asthma exacerbations?. Current Opinion in Pulmonary Medicine, 2011, 17, 16-22.	2.6	5
75	Evidence for phenotype-driven treatment in asthmatic patients. Current Opinion in Allergy and Clinical Immunology, 2011, 11, 381-385.	2.3	19
76	The Role of CT Scanning in Multidimensional Phenotyping of COPD. Chest, 2011, 140, 634-642.	0.8	96
77	Visual vs Automated Assessment of Emphysema: Response. Chest, 2011, 140, 1385.	0.8	1
78	Expression of the T Helper 17-Associated Cytokines IL-17A and IL-17F in Asthma and COPD. Chest, 2010, 138, 1140-1147.	0.8	331
79	Airway Wall Expression of OX40/OX40L and Interleukin-4 in Asthma. Chest, 2010, 137, 797-804.	0.8	47
80	Mast Cell Fibroblastoid Differentiation Mediated by Airway Smooth Muscle in Asthma. Journal of Immunology, 2010, 185, 6105-6114.	0.8	23
81	Quantitative analysis of high-resolution computed tomography scans in severe asthma subphenotypes. Thorax, 2010, 65, 775-781.	5.6	93
82	Eosinophil protein in airway macrophages: AÂnovel biomarker of eosinophilic inflammation in patients with asthma. Journal of Allergy and Clinical Immunology, 2010, 126, 61-69.e3.	2.9	76
83	Qualitative Analysis of High-Resolution CT Scans in Severe Asthma. Chest, 2009, 136, 1521-1528.	0.8	190
84	IL-13 expression by blood T cells and not eosinophils is increased in asthma compared to non-asthmatic eosinophilic bronchitis. BMC Pulmonary Medicine, 2009, 9, 34.	2.0	18
85	Fibrocyte localization to the airway smooth muscle is a feature of asthma. Journal of Allergy and Clinical Immunology, 2009, 123, 376-384.	2.9	120
86	Airway Hyperresponsiveness: Inflammatory Mechanisms and Clinical Aspects. , 2009, , 203-226.		0
87	Increased sputum and bronchial biopsy IL-13 expression in severe asthma. Journal of Allergy and Clinical Immunology, 2008, 121, 685-691.	2.9	243
88	Airway hyperresponsiveness is dissociated from airway wall structural remodeling. Journal of Allergy and Clinical Immunology, 2008, 122, 335-341.e3.	2.9	110
89	Mast Cells Promote Airway Smooth Muscle Cell Differentiation via Autocrine Up-Regulation of TGF-Î²1. Journal of Immunology, 2008, 181, 5001-5007.	0.8	113
90	Vascular remodeling is a feature of asthma and nonasthmatic eosinophilic bronchitis. Journal of Allergy and Clinical Immunology, 2007, 120, 813-819.	2.9	87

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91	Airway Smooth Muscle and Mast Cellâ€“derived CC Chemokine Ligand 19 Mediate Airway Smooth Muscle Migration in Asthma. American Journal of Respiratory and Critical Care Medicine, 2006, 174, 1179-1188.	5.6	134