Alan L James

List of Publications by Year
in descending order

108 papers	13,458 citations	61977 43 h-index	26610 107 g-index
110 all docs	110 docs citations	110 times ranked	22887 citing authors

#	Article	IF	Citations
1	Impact of lifetime body mass index trajectories on the incidence and persistence of adult asthma. European Respiratory Journal, 2022, 60, 2102286.	6.7	6
2	Growth of the airway smooth muscle layer from late gestation to childhood is mediated initially by hypertrophy and subsequently hyperplasia. Respirology, 2022, 27, 493-500.	2.3	6
3	Requirements and limitations of imaging airway smooth muscle throughout the lung in vivo. Respiratory Physiology and Neurobiology, 2022, 301, 103884.	1.6	5
4	Does â€œSkippyâ€•Wheeze? Evidence of Airway Remodeling in the Australian Kangaroo. American Journal of Respiratory Cell and Molecular Biology, 2022, 67, 125-127.	2.9	0
5	Eosinophils and the burden of airway disease. Respirology, 2021, 26, 6-7.	2.3	1
6	The cost-effectiveness of azithromycin in reducing exacerbations in uncontrolled asthma. European Respiratory Journal, 2021, 57, 2002436.	6.7	4
7	Structure and function of small airways in asthma patients revisited. European Respiratory Review, 2021, 30, 200186.	7.1	25
8	Add-on azithromycin reduces sputum cytokines in non-eosinophilic asthma: an AMAZES substudy. Thorax, 2021, 76, 733-736.	5.6	16
9	Undiagnosed and Misdiagnosed Chronic Obstructive Pulmonary Disease: Data from the BOLD Australia Study. International Journal of COPD, 2021, Volume 16, 467-475.	2.3	13
10	Sputum TNF markers are increased in neutrophilic and severe asthma and are reduced by azithromycin treatment. Allergy: European Journal of Allergy and Clinical Immunology, 2021, 76, 2090-2101.	5.7	27
11	Childhood asthma and cardiovascular morbidity and mortality in adulthood: The Busselton Health Study. Pediatric Pulmonology, 2021, 56, 1915-1923.	2.0	2
12	Platelets Independently Recruit into Asthmatic Lungs and Models of Allergic Inflammation via CCR3. American Journal of Respiratory Cell and Molecular Biology, 2021, 64, 557-568.	2.9	18
13	Prevalence of chronic obstructive pulmonary disease with breathlessness in Australia: weighted using the 2016 Australian census. Internal Medicine Journal, 2021, 51, 784-787.	0.8	3
14	Angiogenic regulatory influence of extracellular matrix deposited by resting state asthmatic and nonâ€asthmatic airway smooth muscle cells is similar. Journal of Cellular and Molecular Medicine, 2021, 25, 6438-6447.	3.6	3
15	Lung function trajectory and biomarkers in the Tasmanian Longitudinal Health Study. ERJ Open Research, 2021, 7, 00020-2021.	2.6	11
16	Fetal Growth Restriction and Asthma: Is the Damage Done?. Physiology, 2021, 36, 256-266.	3.1	9
17	Prevalence and patterns of multimorbidity in Australian baby boomers: the Busselton healthy ageing study. BMC Public Health, 2021, 21, 1539.	2.9	14
18	Airway microbial communities, smoking and asthma in a general population sample. EBioMedicine, 2021, 71, 103538.	6.1	26

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19	Chromosome 17q21 SNP rs8076131 risk allele associates with airway smooth muscle hypertrophy in fatal asthma. Clinical and Experimental Allergy, 2020, 50, 1270-1273.	2.9	2
20	Childhood asthma increases respiratory morbidity, but not all-cause mortality in adulthood: The Busselton Health Study. Respiratory Medicine, 2020, 171, 106095.	2.9	5
21	Asthma: Pharmacological degradation of the airway smooth muscle layer. International Journal of Biochemistry and Cell Biology, 2020, 126, 105818.	2.8	12
22	Cognitive profiles in obstructive sleep apnea: a cluster analysis in sleep clinic and community samples. Journal of Clinical Sleep Medicine, 2020, 16, 1493-1505.	2.6	11
23	Optic Disc Measures in Obstructive Sleep Apnea: A Community-based Study of Middle-aged and Older Adults. Journal of Glaucoma, 2020, 29, 337-343.	1.6	10
24	Airway remodelling with spatial correlations: Implications for asthma pathogenesis. Respiratory Physiology and Neurobiology, 2020, 279, 103469.	1.6	10
25	Childhood BMI and the occurrence of respiratory diseaseâ€“related hospital admissions or death in adulthood: the Busselton Health Study. Annals of Epidemiology, 2020, 42, 19-24.e2.	1.9	0
26	Airway narrowing and response to simulated deep inspiration in bronchial segments from subjects with fixed airflow obstruction. Journal of Applied Physiology, 2020, 128, 757-767.	2.5	4
27	No association between sleep apnoea and macular telangiectasia type 2 and its markers of severity and progression: a caseâ€“control study and retrospective cohort study. Clinical and Experimental Ophthalmology, 2019, 47, 63-68.	2.6	2
28	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. Scientific Reports, 2019, 9, 9439.	3.3	5
29	Fatty airways: implications for obstructive disease. European Respiratory Journal, 2019, 54, 1900857.	6.7	63
30	Healthcare-seeking behaviour and utilization of treatment in a community-based screening study for obstructive sleep apnoea in Busselton, Western Australia. Sleep Health, 2019, 5, 91-100.	2.5	2
31	Long-Term Azithromycin Reduces Haemophilus influenzae and Increases Antibiotic Resistance in Severe Asthma. American Journal of Respiratory and Critical Care Medicine, 2019, 200, 309-317.	5.6	121
32	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. Nature Genetics, 2019, 51, 481-493.	21.4	350
33	A sputum 6-gene signature predicts future exacerbations of poorly controlled asthma. Journal of Allergy and Clinical Immunology, 2019, 144, 51-60.e11.	2.9	50
34	Patient-specific targeted bronchial thermoplasty: predictions of improved outcomes with structure-guided treatment. Journal of Applied Physiology, 2019, 126, 599-606.	2.5	22
35	Efficacy of azithromycin in severe asthma from the AMAZES randomised trial. ERJ Open Research, 2019, 5, 00056-2019.	2.6	27
36	Childhood predictors of lung function trajectories and future COPD risk: a prospective cohort study from the first to the sixth decade of life. Lancet Respiratory Medicine,the, 2018, 6, 535-544.	10.7	381

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37	Vitamin D and respiratory health in the Busselton Healthy Ageing Study. Respirology, 2018, 23, 576-582.	2.3	15
38	A Canadian genome-wide association study and meta-analysis confirm HLA as a risk factor for peanut allergy independent of asthma. Journal of Allergy and Clinical Immunology, 2018, 141, 1513-1516.	2.9	21
39	Independent and combined effects of airway remodelling and allergy on airway responsiveness. Clinical Science, 2018, 132, 327-338.	4.3	20
40	Foetal growth restriction in mice modifies postnatal airway responsiveness in an age and sex-dependent manner. Clinical Science, 2018, 132, 273-284.	4.3	24
41	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	21.4	426
42	Unique mechanisms of connective tissue growth factor regulation in airway smooth muscle in asthma: Relationship with airway remodelling. Journal of Cellular and Molecular Medicine, 2018, 22, 2826-2837.	3.6	8
43	Inflammatory phenotypes in patients with severe asthma are associated with distinct airway microbiology. Journal of Allergy and Clinical Immunology, 2018, 141, 94-103.e15.	2.9	233
44	Genome-wide association study and meta-analysis in multiple populations identifies new loci for peanut allergy and establishes C11orf30/EMSY as a genetic risk factor for food allergy. Journal of Allergy and Clinical Immunology, 2018, 141, 991-1001.	2.9	57
45	Obstructive airway disease in 46â€“65â€yearâ€old people in Busselton, Western Australia, 1966â€“2015. Medical Journal of Australia, 2018, 208, 209-213.	1.7	1
46	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. American Journal of Human Genetics, 2018, 103, 691-706.	6.2	326
47	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. Nature Genetics, 2018, 50, 1412-1425.	21.4	924
48	Discerning depressive symptoms in patients with obstructive sleep apnea: the effect of continuous positive airway pressure therapy on Hamilton Depression Rating Scale symptoms. Sleep, 2018, 41, .	1.1	8
49	Inflammationâ€dependent and independent airway remodelling in asthma. Respirology, 2018, 23, 1138-1145.	2.3	49
50	Fast food and asthma and allergy: Be afried, be deeply afried?. Respirology, 2018, 23, 881-882.	2.3	2
51	Airway smooth muscle proliferation and inflammation in asthma. Journal of Applied Physiology, 2018, 125, 1090-1096.	2.5	30
52	Childhood Respiratory Risk Factor Profiles and Middle-Age Lung Function: A Prospective Cohort Study from the First to Sixth Decade. Annals of the American Thoracic Society, 2018, 15, 1057-1066.	3.2	45
53	Robust reconstruction of local optic axis orientation with fiber-based polarization-sensitive optical coherence tomography. Biomedical Optics Express, 2018, 9, 5437.	2.9	48
54	Cohort Profile: The Tasmanian Longitudinal Health STUDY (TAHS). International Journal of Epidemiology, 2017, 46, dyw028.	1.9	26

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55	Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. International Journal of Epidemiology, 2017, 46, dyw318.	1.9	36
56	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. Nature Genetics, 2017, 49, 416-425.	21.4	257
57	Shared genetic variants suggest common pathways in allergy and autoimmune diseases. Journal of Allergy and Clinical Immunology, 2017, 140, 771-781.	2.9	63
58	Genetic variants affecting cross-sectional lung function in adults show little or no effect on longitudinal lung function decline. Thorax, 2017, 72, 400-408.	5.6	25
59	Increased heterogeneity of airway calibre in adult rats after hypoxiaâ€induced intrauterine growth restriction. Respirology, 2017, 22, 1329-1335.	2.3	14
60	Optical coherence tomography-based contactÂindentationÂfor diaphragm mechanics in a mouse model of transforming growth factor alpha induced lung disease. Scientific Reports, 2017, 7, 1517.	3.3	5
61	Effect of azithromycin on asthma exacerbations and quality of life in adults with persistent uncontrolled asthma (AMAZES): a randomised, double-blind, placebo-controlled trial. Lancet, The, 2017, 390, 659-668.	13.7	489
62	Gene-based analysis of regulatory variants identifies 4 putative novel asthma risk genes related to nucleotide synthesis and signaling. Journal of Allergy and Clinical Immunology, 2017, 139, 1148-1157.	2.9	72
63	The actin regulator zyxin reinforces airway smooth muscle and accumulates in airways of fatal asthmatics. PLoS ONE, 2017, 12, e0171728.	2.5	25
64	Myofibroblasts are increased in the lung parenchyma in asthma. PLoS ONE, 2017, 12, e0182378.	2.5	30
65	Assessment of the Depression, Anxiety, and Stress Scale (DASS-21) in untreated obstructive sleep apnea (OSA).. Psychological Assessment, 2017, 29, 1201-1209.	1.5	20
66	Estimating eligibility for lung cancer screening in an Australian cohort, including the effect of spirometry. Medical Journal of Australia, 2016, 204, 406-406.	1.7	4
67	Airway remodelling in <scp>COPD</scp>: It's not asthma!. Respirology, 2016, 21, 1347-1356.	2.3	73
68	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. Nature Communications, 2016, 7, 13357.	12.8	74
69	Genome-wide association study of copy number variation with lung function identifies a novel signal of association near BANP for forced vital capacity. BMC Genetics, 2016, 17, 116.	2.7	0
70	Periostin levels and eosinophilic inflammation in poorly-controlled asthma. BMC Pulmonary Medicine, 2016, 16, 67.	2.0	55
71	Airflow obstruction is associated with increased smooth muscle extracellular matrix. European Respiratory Journal, 2016, 47, 1855-1857.	6.7	14
72	Identification of a new locus at 16q12 associated with time to asthma onset. Journal of Allergy and Clinical Immunology, 2016, 138, 1071-1080.	2.9	25

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73	Airway dysbiosis: Haemophilus influenzae and Tropheryma in poorly controlled asthma. European Respiratory Journal, 2016, 47, 792-800.	6.7	159
74	Reduced Antiviral Interferon Production in Poorly Controlled Asthma Is Associated With Neutrophilic Inflammation and High-Dose Inhaled Corticosteroids. Chest, 2016, 149, 704-713.	0.8	64
75	The effect of asthma on the perimeter of the airway basement membrane. Journal of Applied Physiology, 2015, 119, 1114-1117.	2.5	4
76	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. PLoS Genetics, 2015, 11, e1005378.	3.5	331
77	Higher serum testosterone and dihydrotestosterone, but not oestradiol, are independently associated with favourable indices of lung function in communityâ€dwelling men. Clinical Endocrinology, 2015, 83, 268-276.	2.4	50
78	Prevalence of airflow obstruction and reduced forced vital capacity in an <scp>A</scp>boriginal <scp>A</scp>ustralian population: The crossâ€sectional <scp>BOLD</scp> study. Respirology, 2015, 20, 766-774.	2.3	25
79	Meta-analysis identifies seven susceptibility loci involved in the atopic march. Nature Communications, 2015, 6, 8804.	12.8	148
80	Associations between body mass index, lean and fat body mass and bone mineral density in middle-aged Australians: The Busselton Healthy Ageing Study. Bone, 2015, 74, 146-152.	2.9	60
81	Anti-inflammatory deficiencies in neutrophilic asthma: reduced galectin-3 and IL-1RA/IL-1Î². Respiratory Research, 2015, 16, 5.	3.6	66
82	Estimating Airway Smooth Muscle Cell Volume and Number in Airway Sections. Sources of Variability. American Journal of Respiratory Cell and Molecular Biology, 2014, 50, 246-252.	2.9	18
83	Large-Scale Genome-Wide Association Studies and Meta-Analyses of Longitudinal Change in Adult Lung Function. PLoS ONE, 2014, 9, e100776.	2.5	52
84	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. PLoS Genetics, 2014, 10, e1004123.	3.5	150
85	Altered sputum granzyme <scp>B</scp> and granzyme <scp>B</scp>/proteinase inhibitorâ€9 in patients with nonâ€eosinophilic asthma. Respirology, 2014, 19, 280-287.	2.3	9
86	Genome-wide association analysis identifies 11 risk variants associated with the asthma with hay fever phenotype. Journal of Allergy and Clinical Immunology, 2014, 133, 1564-1571.	2.9	195
87	Genome-wide association analysis identifies six new loci associated with forced vital capacity. Nature Genetics, 2014, 46, 669-677.	21.4	131
88	Gene-Age Interactions in Blood Pressure Regulation: A Large-Scale Investigation with the CHARGE, Global BPgen, and ICBP Consortia. American Journal of Human Genetics, 2014, 95, 24-38.	6.2	109
89	Defining the role of common variation in the genomic and biological architecture of adult human height. Nature Genetics, 2014, 46, 1173-1186.	21.4	1,818
90	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. Nature Genetics, 2013, 45, 902-906.	21.4	221

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91	Rationale, design and methods for a community-based study of clustering and cumulative effects of chronic disease processes and their effects on ageing: the Busselton healthy ageing study. BMC Public Health, 2013, 13, 936.	2.9	45
92	Risk factors for respiratory symptoms in adults: The <scp>B</scp>usselton <scp>H</scp>ealth <scp>S</scp>tudy. Respirology, 2013, 18, 1256-1260.	2.3	13
93	Airway narrowing and bronchodilation to deep inspiration in bronchial segments from subjects with and without reported asthma. Journal of Applied Physiology, 2013, 114, 1460-1471.	2.5	56
94	Airway Smooth Muscle Hypertrophy and Hyperplasia in Asthma. American Journal of Respiratory and Critical Care Medicine, 2012, 185, 1058-1064.	5.6	260
95	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	21.4	2,634
96	Airway remodeling in asthma. Current Opinion in Pulmonary Medicine, 2005, 11, 1-6.	2.6	90
97	Comparison of sputum induction using inhaled methacholine or hypertonic saline. Respirology, 2005, 10, 57-62.	2.3	5
98	Decline in Lung Function in the Busselton Health Study. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 109-114.	5.6	357
99	The Relationship of Reticular Basement Membrane Thickness to Airway Wall Remodeling in Asthma. American Journal of Respiratory and Critical Care Medicine, 2002, 166, 1590-1595.	5.6	140
100	Peripheral airways in asthma. Current Allergy and Asthma Reports, 2002, 2, 166-174.	5.3	9
101	Gibbs samplingâ€“based segregation analysis of asthmaâ€associated quantitative traits in a populationâ€based sample of nuclear families. Genetic Epidemiology, 2001, 20, 356-372.	1.3	31
102	Association between quantitative traits underlying asthma and the HLA-DRB1 locus in a family-based population sample. European Journal of Human Genetics, 2001, 9, 341-346.	2.8	66
103	Familial aggregation and heritability of asthma-associated quantitative traits in a population-based sample of nuclear families. European Journal of Human Genetics, 2000, 8, 853-860.	2.8	64
104	Increased Airway Smooth Muscle in Sudden Infant Death Syndrome. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 313-316.	5.6	35
105	Î²₂-Adrenergic Receptor Haplotypes in Mild, Moderate and Fatal/Near Fatal Asthma. American Journal of Respiratory and Critical Care Medicine, 1998, 158, 787-791.	5.6	194
106	Testing airway responsiveness using inhaled methacholine or histamine. Respirology, 1997, 2, 97-105.	2.3	36
107	A genome-wide search for quantitative trait loci underlying asthma. Nature, 1996, 383, 247-250.	27.8	750
108	The Use of the Internal Perimeter to Compare Airway Size and to Calculate Smooth Muscle Shortening. The American Review of Respiratory Disease, 1988, 138, 136-139.	2.9	222