

Alan L James

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

13,458
citations

61984

43
h-index

26613

107
g-index

110
all docs

110
docs citations

110
times ranked

22887
citing authors

#	ARTICLE	IF	CITATIONS
1	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	21.4	2,634
2	Defining the role of common variation in the genomic and biological architecture of adult human height. <i>Nature Genetics</i> , 2014, 46, 1173-1186.	21.4	1,818
3	Genetic analysis of over 1 million people identifies 535 new loci associated with blood pressure traits. <i>Nature Genetics</i> , 2018, 50, 1412-1425.	21.4	924
4	A genome-wide search for quantitative trait loci underlying asthma. <i>Nature</i> , 1996, 383, 247-250.	27.8	750
5	Effect of azithromycin on asthma exacerbations and quality of life in adults with persistent uncontrolled asthma (AMAZES): a randomised, double-blind, placebo-controlled trial. <i>Lancet</i> , The, 2017, 390, 659-668.	13.7	489
6	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. <i>Nature Genetics</i> , 2018, 50, 42-53.	21.4	426
7	Childhood predictors of lung function trajectories and future COPD risk: a prospective cohort study from the first to the sixth decade of life. <i>Lancet Respiratory Medicine</i> , the, 2018, 6, 535-544.	10.7	381
8	Decline in Lung Function in the Busselton Health Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 109-114.	5.6	357
9	New genetic signals for lung function highlight pathways and chronic obstructive pulmonary disease associations across multiple ancestries. <i>Nature Genetics</i> , 2019, 51, 481-493.	21.4	350
10	The Influence of Age and Sex on Genetic Associations with Adult Body Size and Shape: A Large-Scale Genome-Wide Interaction Study. <i>PLoS Genetics</i> , 2015, 11, e1005378.	3.5	331
11	Genome Analyses of >200,000 Individuals Identify 58 Loci for Chronic Inflammation and Highlight Pathways that Link Inflammation and Complex Disorders. <i>American Journal of Human Genetics</i> , 2018, 103, 691-706.	6.2	326
12	Airway Smooth Muscle Hypertrophy and Hyperplasia in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012, 185, 1058-1064.	5.6	260
13	Genome-wide association analyses for lung function and chronic obstructive pulmonary disease identify new loci and potential druggable targets. <i>Nature Genetics</i> , 2017, 49, 416-425.	21.4	257
14	Inflammatory phenotypes in patients with severe asthma are associated with distinct airway microbiology. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 94-103.e15.	2.9	233
15	The Use of the Internal Perimeter to Compare Airway Size and to Calculate Smooth Muscle Shortening. <i>The American Review of Respiratory Disease</i> , 1988, 138, 136-139.	2.9	222
16	Meta-analysis of genome-wide association studies identifies ten loci influencing allergic sensitization. <i>Nature Genetics</i> , 2013, 45, 902-906.	21.4	221
17	Genome-wide association analysis identifies 11 risk variants associated with the asthma with hay fever phenotype. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1564-1571.	2.9	195
18	β_2 -Adrenergic Receptor Haplotypes in Mild, Moderate and Fatal/Near Fatal Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998, 158, 787-791.	5.6	194

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19	Airway dysbiosis: <i>Haemophilus influenzae</i> and <i>Tropheryma</i> in poorly controlled asthma. <i>European Respiratory Journal</i> , 2016, 47, 792-800.	6.7	159
20	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. <i>PLoS Genetics</i> , 2014, 10, e1004123.	3.5	150
21	Meta-analysis identifies seven susceptibility loci involved in the atopic march. <i>Nature Communications</i> , 2015, 6, 8804.	12.8	148
22	The Relationship of Reticular Basement Membrane Thickness to Airway Wall Remodeling in Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002, 166, 1590-1595.	5.6	140
23	Genome-wide association analysis identifies six new loci associated with forced vital capacity. <i>Nature Genetics</i> , 2014, 46, 669-677.	21.4	131
24	Long-Term Azithromycin Reduces <i>Haemophilus influenzae</i> and Increases Antibiotic Resistance in Severe Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 309-317.	5.6	121
25	Gene-Age Interactions in Blood Pressure Regulation: A Large-Scale Investigation with the CHARGE, Global BPgen, and ICBP Consortia. <i>American Journal of Human Genetics</i> , 2014, 95, 24-38.	6.2	109
26	Airway remodeling in asthma. <i>Current Opinion in Pulmonary Medicine</i> , 2005, 11, 1-6.	2.6	90
27	A principal component meta-analysis on multiple anthropometric traits identifies novel loci for body shape. <i>Nature Communications</i> , 2016, 7, 13357.	12.8	74
28	Airway remodelling in COPD: It's not asthma!. <i>Respirology</i> , 2016, 21, 1347-1356.	2.3	73
29	Gene-based analysis of regulatory variants identifies 4 putative novel asthma risk genes related to nucleotide synthesis and signaling. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1148-1157.	2.9	72
30	Association between quantitative traits underlying asthma and the HLA-DRB1 locus in a family-based population sample. <i>European Journal of Human Genetics</i> , 2001, 9, 341-346.	2.8	66
31	Anti-inflammatory deficiencies in neutrophilic asthma: reduced galectin-3 and IL-1RA/IL-1 β . <i>Respiratory Research</i> , 2015, 16, 5.	3.6	66
32	Familial aggregation and heritability of asthma-associated quantitative traits in a population-based sample of nuclear families. <i>European Journal of Human Genetics</i> , 2000, 8, 853-860.	2.8	64
33	Reduced Antiviral Interferon Production in Poorly Controlled Asthma Is Associated With Neutrophilic Inflammation and High-Dose Inhaled Corticosteroids. <i>Chest</i> , 2016, 149, 704-713.	0.8	64
34	Shared genetic variants suggest common pathways in allergy and autoimmune diseases. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 771-781.	2.9	63
35	Fatty airways: implications for obstructive disease. <i>European Respiratory Journal</i> , 2019, 54, 1900857.	6.7	63
36	Associations between body mass index, lean and fat body mass and bone mineral density in middle-aged Australians: The Busselton Healthy Ageing Study. <i>Bone</i> , 2015, 74, 146-152.	2.9	60

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37	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. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 991-1001.	2.9	57
38	Airway narrowing and bronchodilation to deep inspiration in bronchial segments from subjects with and without reported asthma. <i>Journal of Applied Physiology</i> , 2013, 114, 1460-1471.	2.5	56
39	Periostin levels and eosinophilic inflammation in poorly-controlled asthma. <i>BMC Pulmonary Medicine</i> , 2016, 16, 67.	2.0	55
40	Large-Scale Genome-Wide Association Studies and Meta-Analyses of Longitudinal Change in Adult Lung Function. <i>PLoS ONE</i> , 2014, 9, e100776.	2.5	52
41	Higher serum testosterone and dihydrotestosterone, but not oestradiol, are independently associated with favourable indices of lung function in community-dwelling men. <i>Clinical Endocrinology</i> , 2015, 83, 268-276.	2.4	50
42	A sputum 6-gene signature predicts future exacerbations of poorly controlled asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 51-60.e11.	2.9	50
43	Inflammation-dependent and independent airway remodelling in asthma. <i>Respirology</i> , 2018, 23, 1138-1145.	2.3	49
44	Robust reconstruction of local optic axis orientation with fiber-based polarization-sensitive optical coherence tomography. <i>Biomedical Optics Express</i> , 2018, 9, 5437.	2.9	48
45	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. <i>BMC Public Health</i> , 2013, 13, 936.	2.9	45
46	Childhood Respiratory Risk Factor Profiles and Middle-Age Lung Function: A Prospective Cohort Study from the First to Sixth Decade. <i>Annals of the American Thoracic Society</i> , 2018, 15, 1057-1066.	3.2	45
47	Testing airway responsiveness using inhaled methacholine or histamine. <i>Respirology</i> , 1997, 2, 97-105.	2.3	36
48	Evidence for large-scale gene-by-smoking interaction effects on pulmonary function. <i>International Journal of Epidemiology</i> , 2017, 46, dyw318.	1.9	36
49	Increased Airway Smooth Muscle in Sudden Infant Death Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999, 160, 313-316.	5.6	35
50	Gibbs sampling-based segregation analysis of asthma-associated quantitative traits in a population-based sample of nuclear families. <i>Genetic Epidemiology</i> , 2001, 20, 356-372.	1.3	31
51	Myofibroblasts are increased in the lung parenchyma in asthma. <i>PLoS ONE</i> , 2017, 12, e0182378.	2.5	30
52	Airway smooth muscle proliferation and inflammation in asthma. <i>Journal of Applied Physiology</i> , 2018, 125, 1090-1096.	2.5	30
53	Efficacy of azithromycin in severe asthma from the AMAZES randomised trial. <i>ERJ Open Research</i> , 2019, 5, 00056-2019.	2.6	27
54	Sputum TNF markers are increased in neutrophilic and severe asthma and are reduced by azithromycin treatment. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2021, 76, 2090-2101.	5.7	27

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55	Cohort Profile: The Tasmanian Longitudinal Health STUDY (TAHS). <i>International Journal of Epidemiology</i> , 2017, 46, dyw028.	1.9	26
56	Airway microbial communities, smoking and asthma in a general population sample. <i>EBioMedicine</i> , 2021, 71, 103538.	6.1	26
57	Prevalence of airflow obstruction and reduced forced vital capacity in an Aboriginal Australian population: The cross-sectional BOLD study. <i>Respirology</i> , 2015, 20, 766-774.	2.3	25
58	Identification of a new locus at 16q12 associated with time to asthma onset. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1071-1080.	2.9	25
59	Genetic variants affecting cross-sectional lung function in adults show little or no effect on longitudinal lung function decline. <i>Thorax</i> , 2017, 72, 400-408.	5.6	25
60	The actin regulator zyxin reinforces airway smooth muscle and accumulates in airways of fatal asthmatics. <i>PLoS ONE</i> , 2017, 12, e0171728.	2.5	25
61	Structure and function of small airways in asthma patients revisited. <i>European Respiratory Review</i> , 2021, 30, 200186.	7.1	25
62	Foetal growth restriction in mice modifies postnatal airway responsiveness in an age and sex-dependent manner. <i>Clinical Science</i> , 2018, 132, 273-284.	4.3	24
63	Patient-specific targeted bronchial thermoplasty: predictions of improved outcomes with structure-guided treatment. <i>Journal of Applied Physiology</i> , 2019, 126, 599-606.	2.5	22
64	A Canadian genome-wide association study and meta-analysis confirm HLA as a risk factor for peanut allergy independent of asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1513-1516.	2.9	21
65	Independent and combined effects of airway remodelling and allergy on airway responsiveness. <i>Clinical Science</i> , 2018, 132, 327-338.	4.3	20
66	Assessment of the Depression, Anxiety, and Stress Scale (DASS-21) in untreated obstructive sleep apnea (OSA). <i>Psychological Assessment</i> , 2017, 29, 1201-1209.	1.5	20
67	Estimating Airway Smooth Muscle Cell Volume and Number in Airway Sections. Sources of Variability. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 50, 246-252.	2.9	18
68	Platelets Independently Recruit into Asthmatic Lungs and Models of Allergic Inflammation via CCR3. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021, 64, 557-568.	2.9	18
69	Add-on azithromycin reduces sputum cytokines in non-eosinophilic asthma: an AMAZES substudy. <i>Thorax</i> , 2021, 76, 733-736.	5.6	16
70	Vitamin D and respiratory health in the Busselton Healthy Ageing Study. <i>Respirology</i> , 2018, 23, 576-582.	2.3	15
71	Airflow obstruction is associated with increased smooth muscle extracellular matrix. <i>European Respiratory Journal</i> , 2016, 47, 1855-1857.	6.7	14
72	Increased heterogeneity of airway calibre in adult rats after hypoxia-induced intrauterine growth restriction. <i>Respirology</i> , 2017, 22, 1329-1335.	2.3	14

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73	Prevalence and patterns of multimorbidity in Australian baby boomers: the Busselton healthy ageing study. <i>BMC Public Health</i> , 2021, 21, 1539.	2.9	14
74	Risk factors for respiratory symptoms in adults: The Busselton Health Study. <i>Respirology</i> , 2013, 18, 1256-1260.	2.3	13
75	Undiagnosed and Misdiagnosed Chronic Obstructive Pulmonary Disease: Data from the BOLD Australia Study. <i>International Journal of COPD</i> , 2021, Volume 16, 467-475.	2.3	13
76	Asthma: Pharmacological degradation of the airway smooth muscle layer. <i>International Journal of Biochemistry and Cell Biology</i> , 2020, 126, 105818.	2.8	12
77	Cognitive profiles in obstructive sleep apnea: a cluster analysis in sleep clinic and community samples. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 1493-1505.	2.6	11
78	Lung function trajectory and biomarkers in the Tasmanian Longitudinal Health Study. <i>ERJ Open Research</i> , 2021, 7, 00020-2021.	2.6	11
79	Optic Disc Measures in Obstructive Sleep Apnea: A Community-based Study of Middle-aged and Older Adults. <i>Journal of Glaucoma</i> , 2020, 29, 337-343.	1.6	10
80	Airway remodelling with spatial correlations: Implications for asthma pathogenesis. <i>Respiratory Physiology and Neurobiology</i> , 2020, 279, 103469.	1.6	10
81	Peripheral airways in asthma. <i>Current Allergy and Asthma Reports</i> , 2002, 2, 166-174.	5.3	9
82	Altered sputum granzyme B and granzyme B/proteinase inhibitor-9 in patients with non-eosinophilic asthma. <i>Respirology</i> , 2014, 19, 280-287.	2.3	9
83	Fetal Growth Restriction and Asthma: Is the Damage Done?. <i>Physiology</i> , 2021, 36, 256-266.	3.1	9
84	Unique mechanisms of connective tissue growth factor regulation in airway smooth muscle in asthma: Relationship with airway remodelling. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2826-2837.	3.6	8
85	Discerning depressive symptoms in patients with obstructive sleep apnea: the effect of continuous positive airway pressure therapy on Hamilton Depression Rating Scale symptoms. <i>Sleep</i> , 2018, 41, .	1.1	8
86	Impact of lifetime body mass index trajectories on the incidence and persistence of adult asthma. <i>European Respiratory Journal</i> , 2022, 60, 2102286.	6.7	6
87	Growth of the airway smooth muscle layer from late gestation to childhood is mediated initially by hypertrophy and subsequently hyperplasia. <i>Respirology</i> , 2022, 27, 493-500.	2.3	6
88	Comparison of sputum induction using inhaled methacholine or hypertonic saline. <i>Respirology</i> , 2005, 10, 57-62.	2.3	5
89	Optical coherence tomography-based contact indentation for diaphragm mechanics in a mouse model of transforming growth factor alpha induced lung disease. <i>Scientific Reports</i> , 2017, 7, 1517.	3.3	5
90	Genome-wide Association Study of Change in Fasting Glucose over time in 13,807 non-diabetic European Ancestry Individuals. <i>Scientific Reports</i> , 2019, 9, 9439.	3.3	5

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91	Childhood asthma increases respiratory morbidity, but not all-cause mortality in adulthood: The Busselton Health Study. <i>Respiratory Medicine</i> , 2020, 171, 106095.	2.9	5
92	Requirements and limitations of imaging airway smooth muscle throughout the lung in vivo. <i>Respiratory Physiology and Neurobiology</i> , 2022, 301, 103884.	1.6	5
93	The effect of asthma on the perimeter of the airway basement membrane. <i>Journal of Applied Physiology</i> , 2015, 119, 1114-1117.	2.5	4
94	Estimating eligibility for lung cancer screening in an Australian cohort, including the effect of spirometry. <i>Medical Journal of Australia</i> , 2016, 204, 406-406.	1.7	4
95	Airway narrowing and response to simulated deep inspiration in bronchial segments from subjects with fixed airflow obstruction. <i>Journal of Applied Physiology</i> , 2020, 128, 757-767.	2.5	4
96	The cost-effectiveness of azithromycin in reducing exacerbations in uncontrolled asthma. <i>European Respiratory Journal</i> , 2021, 57, 2002436.	6.7	4
97	Prevalence of chronic obstructive pulmonary disease with breathlessness in Australia: weighted using the 2016 Australian census. <i>Internal Medicine Journal</i> , 2021, 51, 784-787.	0.8	3
98	Angiogenic regulatory influence of extracellular matrix deposited by resting state asthmatic and non-asthmatic airway smooth muscle cells is similar. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 6438-6447.	3.6	3
99	Fast food and asthma and allergy: Be afried, be deeply afried?. <i>Respirology</i> , 2018, 23, 881-882.	2.3	2
100	No association between sleep apnoea and macular telangiectasia type 2 and its markers of severity and progression: a case-control study and retrospective cohort study. <i>Clinical and Experimental Ophthalmology</i> , 2019, 47, 63-68.	2.6	2
101	Healthcare-seeking behaviour and utilization of treatment in a community-based screening study for obstructive sleep apnoea in Busselton, Western Australia. <i>Sleep Health</i> , 2019, 5, 91-100.	2.5	2
102	Chromosome 17q21 SNP rs8076131 risk allele associates with airway smooth muscle hypertrophy in fatal asthma. <i>Clinical and Experimental Allergy</i> , 2020, 50, 1270-1273.	2.9	2
103	Childhood asthma and cardiovascular morbidity and mortality in adulthood: The Busselton Health Study. <i>Pediatric Pulmonology</i> , 2021, 56, 1915-1923.	2.0	2
104	Obstructive airway disease in 46-65-year-old people in Busselton, Western Australia, 1966-2015. <i>Medical Journal of Australia</i> , 2018, 208, 209-213.	1.7	1
105	Eosinophils and the burden of airway disease. <i>Respirology</i> , 2021, 26, 6-7.	2.3	1
106	Genome-wide association study of copy number variation with lung function identifies a novel signal of association near BANP for forced vital capacity. <i>BMC Genetics</i> , 2016, 17, 116.	2.7	0
107	Childhood BMI and the occurrence of respiratory disease-related hospital admissions or death in adulthood: the Busselton Health Study. <i>Annals of Epidemiology</i> , 2020, 42, 19-24.e2.	1.9	0
108	Does 'Skippy' Wheeze? Evidence of Airway Remodeling in the Australian Kangaroo. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 125-127.	2.9	0