

William Cookson

List of Publications by Year in descending order

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Version: 2024-02-01

161
papers

27,810
citations

17440

63
h-index

7160

153
g-index

167
all docs

167
docs citations

167
times ranked

36301
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Merlinâ€™ rapid analysis of dense genetic maps using sparse gene flow trees. <i>Nature Genetics</i> , 2002, 30, 97-101. | 21.4 | 3,100 |
| 2 | Reagent and laboratory contamination can critically impact sequence-based microbiome analyses. <i>BMC Biology</i> , 2014, 12, 87. | 3.8 | 2,677 |
| 3 | A Large-Scale, Consortium-Based Genomewide Association Study of Asthma. <i>New England Journal of Medicine</i> , 2010, 363, 1211-1221. | 27.0 | 1,762 |
| 4 | Genetic variants regulating ORMDL3 expression contribute to the risk of childhood asthma. <i>Nature</i> , 2007, 448, 470-473. | 27.8 | 1,446 |
| 5 | Disordered Microbial Communities in Asthmatic Airways. <i>PLoS ONE</i> , 2010, 5, e8578. | 2.5 | 1,436 |
| 6 | Exposure to Environmental Microorganisms and Childhood Asthma. <i>New England Journal of Medicine</i> , 2011, 364, 701-709. | 27.0 | 1,339 |
| 7 | A genome-wide association study of global gene expression. <i>Nature Genetics</i> , 2007, 39, 1202-1207. | 21.4 | 882 |
| 8 | Mapping complex disease traits with global gene expression. <i>Nature Reviews Genetics</i> , 2009, 10, 184-194. | 16.3 | 790 |
| 9 | A genome-wide search for quantitative trait loci underlying asthma. <i>Nature</i> , 1996, 383, 247-250. | 27.8 | 750 |
| 10 | Genome-wide meta-analysis identifies 11 new loci for anthropometric traits and provides insights into genetic architecture. <i>Nature Genetics</i> , 2013, 45, 501-512. | 21.4 | 578 |
| 11 | Genome-wide genetic association of complex traits in heterogeneous stock mice. <i>Nature Genetics</i> , 2006, 38, 879-887. | 21.4 | 508 |
| 12 | Genome-wide association study identifies loci influencing concentrations of liver enzymes in plasma. <i>Nature Genetics</i> , 2011, 43, 1131-1138. | 21.4 | 501 |
| 13 | The Role of Bacteria in the Pathogenesis and Progression of Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 906-913. | 5.6 | 453 |
| 14 | 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 |
| 15 | The immunogenetics of asthma and eczema: a new focus on the epithelium. <i>Nature Reviews Immunology</i> , 2004, 4, 978-988. | 22.7 | 349 |
| 16 | Outgrowth of the Bacterial Airway Microbiome after Rhinovirus Exacerbation of Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1224-1231. | 5.6 | 329 |
| 17 | Positional cloning of a novel gene influencing asthma from Chromosome 2q14. <i>Nature Genetics</i> , 2003, 35, 258-263. | 21.4 | 326 |
| 18 | Seventy-five genetic loci influencing the human red blood cell. <i>Nature</i> , 2012, 492, 369-375. | 27.8 | 320 |

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|----|--|------|-----------|
| 19 | Variants of <i>DENND1B</i> Associated with Asthma in Children. <i>New England Journal of Medicine</i> , 2010, 362, 36-44. | 27.0 | 306 |
| 20 | Positional cloning of a quantitative trait locus on chromosome 13q14 that influences immunoglobulin E levels and asthma. <i>Nature Genetics</i> , 2003, 34, 181-186. | 21.4 | 300 |
| 21 | Association between a complex insertion/deletion polymorphism in NOD1 (CARD4) and susceptibility to inflammatory bowel disease. <i>Human Molecular Genetics</i> , 2005, 14, 1245-1250. | 2.9 | 299 |
| 22 | The alliance of genes and environment in asthma and allergy. <i>Nature</i> , 1999, 402, 5-11. | 27.8 | 296 |
| 23 | Genome-wide Association Analysis Identifies PDE4D as an Asthma-Susceptibility Gene. <i>American Journal of Human Genetics</i> , 2009, 84, 581-593. | 6.2 | 296 |
| 24 | Atopic Sensitization and the International Variation of Asthma Symptom Prevalence in Children. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007, 176, 565-574. | 5.6 | 290 |
| 25 | Genome-Wide Scan on Total Serum IgE Levels Identifies FCER1A as Novel Susceptibility Locus. <i>PLoS Genetics</i> , 2008, 4, e1000166. | 3.5 | 255 |
| 26 | NOD1 variation, immunoglobulin E and asthma. <i>Human Molecular Genetics</i> , 2005, 14, 935-941. | 2.9 | 245 |
| 27 | Shared genetic and experimental links between obesity-related traits and asthma subtypes in UK Biobank. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 537-549. | 2.9 | 240 |
| 28 | The genetics of atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2006, 118, 24-34. | 2.9 | 220 |
| 29 | A genome-wide association study on African-ancestry populations for asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 125, 336-346.e4. | 2.9 | 213 |
| 30 | A genome-wide association study of atopic dermatitis identifies loci with overlapping effects on asthma and psoriasis. <i>Human Molecular Genetics</i> , 2013, 22, 4841-4856. | 2.9 | 202 |
| 31 | An epigenome-wide association study of total serum immunoglobulin E concentration. <i>Nature</i> , 2015, 520, 670-674. | 27.8 | 193 |
| 32 | Significance of the microbiome in obstructive lung disease. <i>Thorax</i> , 2012, 67, 456-463. | 5.6 | 190 |
| 33 | Filaggrin Mutations in Children with Severe Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2007, 127, 1667-1672. | 0.7 | 186 |
| 34 | Copy number variation leads to considerable diversity for B but not A haplotypes of the human KIR genes encoding NK cell receptors. <i>Genome Research</i> , 2012, 22, 1845-1854. | 5.5 | 173 |
| 35 | Improved Detection of Bifidobacteria with Optimised 16S rRNA-Gene Based Pyrosequencing. <i>PLoS ONE</i> , 2012, 7, e32543. | 2.5 | 170 |
| 36 | DNA methylation in childhood asthma: an epigenome-wide meta-analysis. <i>Lancet Respiratory Medicine</i> , 2018, 6, 379-388. | 10.7 | 170 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 37 | Gene Expression in Skin and Lymphoblastoid Cells: Refined Statistical Method Reveals Extensive Overlap in cis-eQTL Signals. <i>American Journal of Human Genetics</i> , 2010, 87, 779-789. | 6.2 | 169 |
| 38 | Host-Microbial Interactions in Idiopathic Pulmonary Fibrosis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1640-1650. | 5.6 | 169 |
| 39 | Dysbiosis Anticipating Necrotizing Enterocolitis in Very Premature Infants. <i>Clinical Infectious Diseases</i> , 2015, 60, 389-397. | 5.8 | 168 |
| 40 | Bacterial microbiota of the upper respiratory tract and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 826-834.e13. | 2.9 | 165 |
| 41 | Genetic and Environmental Effects on Complex Traits in Mice. <i>Genetics</i> , 2006, 174, 959-984. | 2.9 | 161 |
| 42 | Airway Microbiota in Severe Asthma and Relationship to Asthma Severity and Phenotypes. <i>PLoS ONE</i> , 2016, 11, e0152724. | 2.5 | 159 |
| 43 | Changes in the respiratory microbiome during acute exacerbations of idiopathic pulmonary fibrosis. <i>Respiratory Research</i> , 2017, 18, 29. | 3.6 | 156 |
| 44 | Corticosteroid suppression of antiviral immunity increases bacterial loads and mucus production in COPD exacerbations. <i>Nature Communications</i> , 2018, 9, 2229. | 12.8 | 153 |
| 45 | Gene-environment interactions in chronic inflammatory disease. <i>Nature Immunology</i> , 2011, 12, 273-277. | 14.5 | 148 |
| 46 | A cross-platform analysis of 14,177 expression quantitative trait loci derived from lymphoblastoid cell lines. <i>Genome Research</i> , 2013, 23, 716-726. | 5.5 | 135 |
| 47 | Sequencing the human microbiome in health and disease. <i>Human Molecular Genetics</i> , 2013, 22, R88-R94. | 2.9 | 123 |
| 48 | Increases in airway responsiveness to histamine precede allergen-induced late asthmatic responses. <i>Journal of Allergy and Clinical Immunology</i> , 1988, 82, 764-770. | 2.9 | 121 |
| 49 | Validation of a 52-gene risk profile for outcome prediction in patients with idiopathic pulmonary fibrosis: an international, multicentre, cohort study. <i>Lancet Respiratory Medicine</i> , 2017, 5, 857-868. | 10.7 | 115 |
| 50 | Predicting DNA methylation level across human tissues. <i>Nucleic Acids Research</i> , 2014, 42, 3515-3528. | 14.5 | 113 |
| 51 | Genetics and genomics of asthma and allergic diseases. <i>Immunological Reviews</i> , 2002, 190, 195-206. | 6.0 | 107 |
| 52 | Batten disease (Spielmeyer-Vogt disease, juvenile onset neuronal ceroid-lipofuscinosis) gene (CLN3) maps to human chromosome 16. <i>Genomics</i> , 1990, 8, 387-390. | 2.9 | 100 |
| 53 | A protocol for high-throughput phenotyping, suitable for quantitative trait analysis in mice. <i>Mammalian Genome</i> , 2006, 17, 129-146. | 2.2 | 99 |
| 54 | Longitudinal assessment of sputum microbiome by sequencing of the 16S rRNA gene in non-cystic fibrosis bronchiectasis patients. <i>PLoS ONE</i> , 2017, 12, e0170622. | 2.5 | 99 |

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|----|---|------|-----------|
| 55 | Genetic and genomic approaches to asthma. <i>Current Opinion in Pulmonary Medicine</i> , 2012, 18, 6-13. | 2.6 | 92 |
| 56 | A functional IL-6 receptor (IL6R) variant is a risk factor for persistent atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 371-377. | 2.9 | 86 |
| 57 | New opportunities for managing acute and chronic lung infections. <i>Nature Reviews Microbiology</i> , 2018, 16, 111-120. | 28.6 | 80 |
| 58 | Vitamin D levels and susceptibility to asthma, elevated immunoglobulin E levels, and atopic dermatitis: A Mendelian randomization study. <i>PLoS Medicine</i> , 2017, 14, e1002294. | 8.4 | 78 |
| 59 | Late-Onset Bloodstream Infection and Perturbed Maturation of the Gastrointestinal Microbiota in Premature Infants. <i>PLoS ONE</i> , 2015, 10, e0132923. | 2.5 | 75 |
| 60 | Inhaled corticosteroid suppression of cathelicidin drives dysbiosis and bacterial infection in chronic obstructive pulmonary disease. <i>Science Translational Medicine</i> , 2019, 11, . | 12.4 | 75 |
| 61 | Imputation of KIR Types from SNP Variation Data. <i>American Journal of Human Genetics</i> , 2015, 97, 593-607. | 6.2 | 73 |
| 62 | Pulmonary ORMDL3 is critical for induction of <i>Alternaria</i> -induced allergic airways disease. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1496-1507.e3. | 2.9 | 71 |
| 63 | The origin, global distribution, and functional impact of the human 8p23 inversion polymorphism. <i>Genome Research</i> , 2012, 22, 1144-1153. | 5.5 | 70 |
| 64 | The <i>ORMDL3</i> Asthma Gene Regulates <i>ICAM1</i> and Has Multiple Effects on Cellular Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 478-488. | 5.6 | 67 |
| 65 | Genetic and Perinatal Risk Factors for Asthma Onset and Severity: A Review and Theoretical Analysis. <i>Epidemiologic Reviews</i> , 2002, 24, 176-189. | 3.5 | 66 |
| 66 | A Genome-Wide Screen for Asthma-Associated Quantitative Trait Loci in a Mouse Model of Allergic Asthma. <i>Human Molecular Genetics</i> , 1999, 8, 601-605. | 2.9 | 65 |
| 67 | Competing Functions Encoded in the Allergy-Associated <i>Fc̳RII²</i> Gene. <i>Immunity</i> , 2003, 18, 665-674. | 14.3 | 63 |
| 68 | Role of airway glucose in bacterial infections in patients with chronic obstructive pulmonary disease. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 815-823.e6. | 2.9 | 63 |
| 69 | Allergy-Associated Polymorphisms of the <i>Fc̳RII²</i> Subunit Do Not Impact Its Two Amplification Functions. <i>Journal of Immunology</i> , 2000, 165, 3917-3922. | 0.8 | 62 |
| 70 | Effects of different antibiotic classes on airway bacteria in stable COPD using culture and molecular techniques: a randomised controlled trial. <i>Thorax</i> , 2015, 70, 930-938. | 5.6 | 61 |
| 71 | Meta-analysis of Gene-Level Associations for Rare Variants Based on Single-Variant Statistics. <i>American Journal of Human Genetics</i> , 2013, 93, 236-248. | 6.2 | 60 |
| 72 | Benign asbestos pleural diseases. <i>Current Opinion in Pulmonary Medicine</i> , 2003, 9, 266-271. | 2.6 | 57 |

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|----|--|------|-----------|
| 73 | Meta-analysis of 20 genome-wide linkage studies evidenced new regions linked to asthma and atopy. <i>European Journal of Human Genetics</i> , 2010, 18, 700-706. | 2.8 | 54 |
| 74 | An epigenome-wide association study of total serum IgE in Hispanic children. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 571-577. | 2.9 | 53 |
| 75 | Detection of a recessive major gene for high IgE levels acting independently of specific response to allergens. <i>Genetic Epidemiology</i> , 1995, 12, 93-105. | 1.3 | 52 |
| 76 | Making Sense of Asthma Genes. <i>New England Journal of Medicine</i> , 2004, 351, 1794-1796. | 27.0 | 50 |
| 77 | Germline TCR-A restriction of immunoglobulin E responses to allergen. <i>Immunogenetics</i> , 1997, 46, 226-230. | 2.4 | 48 |
| 78 | Novel childhood asthma genes interact with in utero and early-life tobacco smoke exposure. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 885-888. | 2.9 | 47 |
| 79 | Addressing unmet needs in understanding asthma mechanisms. <i>European Respiratory Journal</i> , 2017, 49, 1602448. | 6.7 | 47 |
| 80 | The Genetics and Genomics of Asthma. <i>Annual Review of Genomics and Human Genetics</i> , 2018, 19, 223-246. | 6.2 | 47 |
| 81 | LD mapping of maternally and non-maternally derived alleles and atopy in Fc μ RI β . <i>Human Molecular Genetics</i> , 2003, 12, 2577-2585. | 2.9 | 46 |
| 82 | PDE11A associations with asthma: Results of a genome-wide association scan. <i>Journal of Allergy and Clinical Immunology</i> , 2010, 126, 871-873.e9. | 2.9 | 45 |
| 83 | iGWAS: Integrative Genome-Wide Association Studies of Genetic and Genomic Data for Disease Susceptibility Using Mediation Analysis. <i>Genetic Epidemiology</i> , 2015, 39, 347-356. | 1.3 | 45 |
| 84 | Chromosome 17q21 SNP and severe asthma. <i>Journal of Human Genetics</i> , 2011, 56, 97-98. | 2.3 | 43 |
| 85 | Opportunities and Challenges in the Genetics of COPD 2010: An International COPD Genetics Conference Report. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2011, 8, 121-135. | 1.6 | 43 |
| 86 | Grasping nettles: cellular heterogeneity and other confounders in epigenome-wide association studies. <i>Human Molecular Genetics</i> , 2014, 23, R83-R88. | 2.9 | 43 |
| 87 | The undiagnosed disease burden associated with alpha-1 antitrypsin deficiency genotypes. <i>European Respiratory Journal</i> , 2020, 56, 2001441. | 6.7 | 40 |
| 88 | A mechanistic target of rapamycin complex 1/2 (mTORC1)/V-Akt murine thymoma viral oncogene homolog 1 (AKT1)/cathepsin H axis controls filaggrin expression and processing in skin, a novel mechanism for skin barrier disruption in patients with atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 1228-1241. | 2.9 | 38 |
| 89 | The natural history of asbestosis in former crocidolite workers of Wittenoom Gorge. <i>The American Review of Respiratory Disease</i> , 1986, 133, 994-8. | 2.9 | 37 |
| 90 | Impact of Collection and Storage of Lung Tumor Tissue on Whole Genome Expression Profiling. <i>Journal of Molecular Diagnostics</i> , 2012, 14, 140-148. | 2.8 | 36 |

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|-----|--|-----|-----------|
| 91 | The fungal airway microbiome in cystic fibrosis and non-cystic fibrosis bronchiectasis. <i>Journal of Cystic Fibrosis</i> , 2021, 20, 295-302. | 0.7 | 36 |
| 92 | Analgesia and central side effects: two separate dimensions of morphine response. <i>British Journal of Clinical Pharmacology</i> , 2013, 75, 1340-1350. | 2.4 | 34 |
| 93 | Fraction of exhaled nitric oxide values in childhood are associated with 17q11.2-q12 and 17q12-q21 variants. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 46-55. | 2.9 | 33 |
| 94 | Whole-Blood Gene Expression in Pulmonary Nontuberculous Mycobacterial Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 510-518. | 2.9 | 31 |
| 95 | A new gene for asthma: would you ADAM and Eve it?. <i>Trends in Genetics</i> , 2003, 19, 169-172. | 6.7 | 30 |
| 96 | Gene-environment interaction in chronic disease: A European Science Foundation Forward Look. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, S27-S49. | 2.9 | 30 |
| 97 | A large-scale genome-wide association analysis of lung function in the Chinese population identifies novel loci and highlights shared genetic aetiology with obesity. <i>European Respiratory Journal</i> , 2021, 58, 2100199. | 6.7 | 30 |
| 98 | Integrating pathway analysis and genetics of gene expression for genome-wide association study of basal cell carcinoma. <i>Human Genetics</i> , 2012, 131, 615-623. | 3.8 | 29 |
| 99 | Global gene regulation during activation of immunoglobulin class switching in human B cells. <i>Scientific Reports</i> , 2016, 6, 37988. | 3.3 | 28 |
| 100 | Genetic risks and childhood-onset asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 266-270. | 2.9 | 27 |
| 101 | COPD is accompanied by co-ordinated transcriptional perturbation in the quadriceps affecting the mitochondria and extracellular matrix. <i>Scientific Reports</i> , 2018, 8, 12165. | 3.3 | 27 |
| 102 | Comparison of the upper and lower airway microbiota in children with chronic lung diseases. <i>PLoS ONE</i> , 2018, 13, e0201156. | 2.5 | 27 |
| 103 | Airway mucins promote immunopathology in virus-exacerbated chronic obstructive pulmonary disease. <i>Journal of Clinical Investigation</i> , 2022, 132, . | 8.2 | 27 |
| 104 | Positive association to IgE levels and a physical map of the 13q14 atopy locus. <i>European Journal of Human Genetics</i> , 2002, 10, 266-270. | 2.8 | 26 |
| 105 | Dynamic and Physical Clustering of Gene Expression during Epidermal Barrier Formation in Differentiating Keratinocytes. <i>PLoS ONE</i> , 2009, 4, e7651. | 2.5 | 26 |
| 106 | The impact of persistent bacterial bronchitis on the pulmonary microbiome of children. <i>PLoS ONE</i> , 2017, 12, e0190075. | 2.5 | 26 |
| 107 | Airway microbial communities, smoking and asthma in a general population sample. <i>EBioMedicine</i> , 2021, 71, 103538. | 6.1 | 26 |
| 108 | DNA methylation within melatonin receptor 1A (MTNR1A) mediates paternally transmitted genetic variant effect on asthma plus rhinitis. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 748-753. | 2.9 | 25 |

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|-----|--|------|-----------|
| 109 | 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 |
| 110 | Utility of Nuclear Grading System in Epithelioid Malignant Pleural Mesothelioma in Biopsy-heavy Setting. <i>American Journal of Surgical Pathology</i> , 2020, 44, 347-356. | 3.7 | 25 |
| 111 | Genome-wide association studies in the genetics of asthma. <i>Current Allergy and Asthma Reports</i> , 2009, 9, 3-9. | 5.3 | 24 |
| 112 | Polymorphisms of <i>PHF11</i> and <i>DPP10</i> Are Associated with Asthma and Related Traits in a Chinese Population. <i>Respiration</i> , 2010, 79, 17-24. | 2.6 | 24 |
| 113 | A Polymorphism Affecting MYB Binding within the Promoter of the <i>PDCD4</i> Gene is Associated with Severe Asthma in Children. <i>Human Mutation</i> , 2013, 34, 1131-1139. | 2.5 | 24 |
| 114 | Metabolomic, transcriptomic and genetic integrative analysis reveals important roles of adenosine diphosphate in haemostasis and platelet activation in non-small cell lung cancer. <i>Molecular Oncology</i> , 2019, 13, 2406-2421. | 4.6 | 24 |
| 115 | Genetics of Complex Airway Disease. <i>Proceedings of the American Thoracic Society</i> , 2011, 8, 149-153. | 3.5 | 20 |
| 116 | Longitudinal development of the airway microbiota in infants with cystic fibrosis. <i>Scientific Reports</i> , 2019, 9, 5143. | 3.3 | 19 |
| 117 | A Pandemic Lesson for Global Lung Diseases: Exacerbations Are Preventable. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1271-1280. | 5.6 | 19 |
| 118 | eQTL mapping identifies insertion- and deletion-specific eQTLs in multiple tissues. <i>Nature Communications</i> , 2015, 6, 6821. | 12.8 | 18 |
| 119 | Metal worker's lung: spatial association with <i>Mycobacterium avium</i> . <i>Thorax</i> , 2018, 73, 151-156. | 5.6 | 18 |
| 120 | Allergy to <i>Dermatophagoides</i> in a Group of Spanish Gypsies: Genetic Restrictions. <i>International Archives of Allergy and Immunology</i> , 2001, 125, 297-306. | 2.1 | 17 |
| 121 | A detailed genetic map of the chromosome 7 bronchial hyper-responsiveness locus. <i>European Journal of Human Genetics</i> , 2002, 10, 177-182. | 2.8 | 17 |
| 122 | Investigation of the Chromosome 17q25 PSORS2 Locus in Atopic Dermatitis. <i>Journal of Investigative Dermatology</i> , 2006, 126, 603-606. | 0.7 | 16 |
| 123 | A molecular comparison of microbial communities in bronchiectasis and cystic fibrosis. <i>European Respiratory Journal</i> , 2013, 41, 991-993. | 6.7 | 16 |
| 124 | Y disruption, autosomal hypomethylation and poor male lung cancer survival. <i>Scientific Reports</i> , 2021, 11, 12453. | 3.3 | 15 |
| 125 | Network-assisted analysis of GWAS data identifies a functionally-relevant gene module for childhood-onset asthma. <i>Scientific Reports</i> , 2017, 7, 938. | 3.3 | 14 |
| 126 | EGF receptor (EGFR) inhibition promotes a slow-twitch oxidative, over a fast-twitch, muscle phenotype. <i>Scientific Reports</i> , 2019, 9, 9218. | 3.3 | 14 |

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|-----|---|------|-----------|
| 127 | Viral respiratory infections and the oropharyngeal bacterial microbiota in acutely wheezing children. PLoS ONE, 2019, 14, e0223990. | 2.5 | 14 |
| 128 | Profiling mycobacterial communities in pulmonary nontuberculous mycobacterial disease. PLoS ONE, 2018, 13, e0208018. | 2.5 | 13 |
| 129 | ENU mutagenesis as a tool for understanding lung development and disease. Biochemical Society Transactions, 2009, 37, 838-842. | 3.4 | 12 |
| 130 | A Haemophilus sp. dominates the microbiota of sputum from UK adults with non-severe community acquired pneumonia and chronic lung disease. Scientific Reports, 2019, 9, 2388. | 3.3 | 12 |
| 131 | Integrated genomics point to immune vulnerabilities in pleural mesothelioma. Scientific Reports, 2021, 11, 19138. | 3.3 | 12 |
| 132 | The genetics of atopy. Journal of Allergy and Clinical Immunology, 1994, 94, 643-644. | 2.9 | 11 |
| 133 | Manipulation of Dipeptidylpeptidase 10 in mouse and human <i>in vivo</i> and <i>in vitro</i> models indicates a protective role in asthma. DMM Disease Models and Mechanisms, 2018, 11, . | 2.4 | 11 |
| 134 | A novel role for ciliary function in atopy: ADGRV1 and DNAH5 interactions. Journal of Allergy and Clinical Immunology, 2018, 141, 1659-1667.e11. | 2.9 | 9 |
| 135 | Genome-wide interaction study of early-life smoking exposure on time-to-onset asthma onset in childhood. Clinical and Experimental Allergy, 2019, 49, 1342-1351. | 2.9 | 9 |
| 136 | Presence of pleomorphic features but not growth patterns improves prognostic stratification of epithelioid malignant pleural mesothelioma by 2-tier nuclear grade. Histopathology, 2020, 77, 423-436. | 2.9 | 9 |
| 137 | Atopy: A Complex Genetic Disease. Annals of Medicine, 1994, 26, 351-353. | 3.8 | 8 |
| 138 | Bedside to Gene and Back in Idiopathic Pulmonary Fibrosis. New England Journal of Medicine, 2013, 368, 2228-2230. | 27.0 | 8 |
| 139 | Functional analysis of a novel ENU-induced PHD finger 11 (Phf11) mouse mutant. Mammalian Genome, 2014, 25, 573-582. | 2.2 | 7 |
| 140 | Reply to "Atopy in Australia". Nature Genetics, 1995, 10, 260-260. | 21.4 | 5 |
| 141 | Genetic variation in the beta subunit of the high affinity IgE receptor and atopy and asthma. Clinical and Experimental Allergy, 2006, 36, 855-857. | 2.9 | 5 |
| 142 | Outside In: Sequencing the Lung Microbiome. American Journal of Respiratory and Critical Care Medicine, 2015, 192, 403-404. | 5.6 | 5 |
| 143 | Bacterial Signatures of Paediatric Respiratory Disease: An Individual Participant Data Meta-Analysis. Frontiers in Microbiology, 2021, 12, 711134. | 3.5 | 5 |
| 144 | Atopy, respiratory function and HLA-DR in Aboriginal Australians. Human Molecular Genetics, 2003, 12, 625-30. | 2.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 145 | Evidence of immunometabolic dysregulation and airway dysbiosis in athletes susceptible to respiratory illness. <i>EBioMedicine</i> , 2022, 79, 104024. | 6.1 | 5 |
| 146 | ORMDL3 regulates poly I:C induced inflammatory responses in airway epithelial cells. <i>BMC Pulmonary Medicine</i> , 2021, 21, 167. | 2.0 | 3 |
| 147 | Comparison of the airway microbiota in children with chronic suppurative lung disease. <i>BMJ Open Respiratory Research</i> , 2021, 8, e001106. | 3.0 | 3 |
| 148 | Asthma and Chitinases. <i>New England Journal of Medicine</i> , 2008, 358, 1725-1726. | 27.0 | 2 |
| 149 | MA23.10 Low Number of Mutations and Frequent Co-Deletions of CDKN2A and IFN Type I Characterize Malignant Pleural Mesothelioma. <i>Journal of Thoracic Oncology</i> , 2019, 14, S345. | 1.1 | 2 |
| 150 | Estimating cell-type-specific DNA methylation effects in heterogeneous cellular populations. <i>Epigenomics</i> , 2021, 13, 87-97. | 2.1 | 2 |
| 151 | Naked DNA: New shots for allergy?. <i>Nature Medicine</i> , 1996, 2, 515-516. | 30.7 | 1 |
| 152 | Haplotypes and Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 1066-1067. | 5.6 | 1 |
| 153 | In the Wrong Place at the Wrong Time: Microbial Misplacement and Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 201, 506-507. | 5.6 | 1 |
| 154 | P200 Preliminary Evaluation Of The Fungal Airway Microbiome In Adult Cystic Fibrosis By Next-generation Sequencing, Culture And Staining Techniques. <i>Thorax</i> , 2014, 69, A164-A164. | 5.6 | 0 |
| 155 | MA 06.13 Direct Metabolomic Profiling of Lung Cancers. <i>Journal of Thoracic Oncology</i> , 2017, 12, S1824. | 1.1 | 0 |
| 156 | P2.06-41 Differentiating Sarcomatoid Mesothelioma from Pleomorphic Carcinoma and Chest Wall Sarcoma Using GATA-3/MUC4/BAP1 IHC. <i>Journal of Thoracic Oncology</i> , 2018, 13, S758-S759. | 1.1 | 0 |
| 157 | MA21.03 Heterogeneity in MET Copy Number and Intratumoural Subsets in Pleomorphic Lung Carcinoma: Implications for MET Directed Therapy in NSCLC. <i>Journal of Thoracic Oncology</i> , 2018, 13, S430. | 1.1 | 0 |
| 158 | P2.03-10 Comprehensive Molecular Profiling and Comparison of Common and Rarer Subtypes of Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2019, 14, S686. | 1.1 | 0 |
| 159 | MA23.11 Analysis of Immune Phenotype Composition in Malignant Pleural Mesothelioma (MPM) Using Bulk RNA Sequencing. <i>Journal of Thoracic Oncology</i> , 2019, 14, S345-S346. | 1.1 | 0 |
| 160 | P1.04-63 Correlation of Mutations in TP53, CDKN2A and PIK3CA with VISTA Expression in Pleomorphic Lung Carcinoma. <i>Journal of Thoracic Oncology</i> , 2019, 14, S465-S466. | 1.1 | 0 |
| 161 | P1.06-08 WDPM-Like but Not Cribriform as Secondary Growth Patterns Modify Survival in Epithelioid Malignant Pleural Mesothelioma. <i>Journal of Thoracic Oncology</i> , 2019, 14, S480-S481. | 1.1 | 0 |