Ian Sayers

List of Publications by Year in descending order

40 papers	3,451 citations	361413 20 h-index	315739 38 g-index
46 all docs	46 docs citations	46 times ranked	6509 citing authors

#	Article	IF	Citations
1	Genome-wide association study identifies five loci associated with lung function. Nature Genetics, 2010, 42, 36-44.	21.4	518
2	Genome-wide association and large-scale follow up identifies 16 new loci influencing lung function. Nature Genetics, 2011, 43, 1082-1090.	21.4	367
3	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
4	Novel insights into the genetics of smoking behaviour, lung function, and chronic obstructive pulmonary disease (UK BiLEVE): a genetic association study in UK Biobank. Lancet Respiratory Medicine,the, 2015, 3, 769-781.	10.7	346
5	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
6	Genetic variants associated with susceptibility to idiopathic pulmonary fibrosis in people of European ancestry: a genome-wide association study. Lancet Respiratory Medicine,the, 2017, 5, 869-880.	10.7	233
7	Genome-Wide Association Study of Susceptibility to Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 564-574.	5.6	208
8	Moderate-to-severe asthma in individuals of European ancestry: a genome-wide association study. Lancet Respiratory Medicine,the, 2019, 7, 20-34.	10.7	183
9	Epithelial cell dysfunction, a major driver of asthma development. Allergy: European Journal of Allergy and Clinical Immunology, 2020, 75, 1902-1917.	5.7	151
10	Genome-wide association analysis identifies six new loci associated with forced vital capacity. Nature Genetics, 2014, 46, 669-677.	21.4	131
11	Effect of Five Genetic Variants Associated with Lung Function on the Risk of Chronic Obstructive Lung Disease, and Their Joint Effects on Lung Function. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 786-795.	5.6	128
12	Sixteen new lung function signals identified through 1000 Genomes Project reference panel imputation. Nature Communications, 2015, 6, 8658.	12.8	108
13	The impact of azithromycin therapy on the airway microbiota in asthma. Thorax, 2014, 69, 673-674.	5.6	71
14	GSTCD and INTS12 Regulation and Expression in the Human Lung. PLoS ONE, 2013, 8, e74630.	2.5	46
15	Genetic risk factors for the development of pulmonary disease identified by genomeâ€wide association. Respirology, 2019, 24, 204-214.	2.3	44
16	The Ser82 RAGE Variant Affects Lung Function and Serum RAGE in Smokers and sRAGE Production In Vitro. PLoS ONE, 2016, 11, e0164041.	2.5	34
17	Whole Exome Re-Sequencing Implicates CCDC38 and Cilia Structure and Function in Resistance to Smoking Related Airflow Obstruction. PLoS Genetics, 2014, 10, e1004314.	3.5	29
18	Phenotypic and functional translation of IL33 genetics in asthma. Journal of Allergy and Clinical Immunology, 2021, 147, 144-157.	2.9	29

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19	Phenotypic and functional translation of IL1RL1 locus polymorphisms in lung tissue and asthmatic airway epithelium. JCI Insight, 2020, 5, .	5.0	26
20	Exome-wide analysis of rare coding variation identifies novel associations with COPD and airflow limitation inMOCS3,IFIT3andSERPINA12. Thorax, 2016, 71, 501-509.	5.6	22
21	The differential effects of azithromycin on the airway epithelium inÂvitro and inÂvivo. Physiological Reports, 2016, 4, e12960.	1.7	20
22	Lung function associated gene Integrator Complex subunit 12 regulates protein synthesis pathways. BMC Genomics, 2017, 18, 248.	2.8	15
23	Genetic Associations and Architecture of Asthma-COPD Overlap. Chest, 2022, 161, 1155-1166.	0.8	15
24	Defining the inflammatory signature of human lung explant tissue in the presence and absence of glucocorticoid. F1000Research, 2017, 6, 460.	1.6	11
25	Copy Number Variation of the Beta-Defensin Genes in Europeans: No Supporting Evidence for Association with Lung Function, Chronic Obstructive Pulmonary Disease or Asthma. PLoS ONE, 2014, 9, e84192.	2.5	11
26	Traditional and emerging indicators of cardiovascular risk in chronic obstructive pulmonary disease. Chronic Respiratory Disease, 2016, 13, 247-255.	2.4	10
27	Targeted Sequencing of Lung Function Loci in Chronic Obstructive Pulmonary Disease Cases and Controls. PLoS ONE, 2017, 12, e0170222.	2.5	9
28	Proinflammatory Effects in Ex Vivo Human Lung Tissue of Respirable Smoke Extracts from Indoor Cooking in Nepal. Annals of the American Thoracic Society, 2020, 17, 688-698.	3.2	8
29	Purinergic Receptors in the Airways: Potential Therapeutic Targets for Asthma?. Frontiers in Allergy, 2021, 2, 677677.	2.8	8
30	Urokinase plasminogen activator receptor polymorphisms and airway remodelling in asthma. European Respiratory Journal, 2016, 47, 1568-1571.	6.7	7
31	Functional genomics of GPR126 in airway smooth muscle and bronchial epithelial cells. FASEB Journal, 2021, 35, e21300.	0.5	7
32	A tailored approach to asthma management: Arg16 holds the key?. Clinical Science, 2013, 124, 517-519.	4.3	6
33	Cigarette Smoke and the Induction of Urokinase Plasminogen Activator ReceptorIn Vivo: Selective Contribution of Isoforms to Bronchial Epithelial Phenotype. American Journal of Respiratory Cell and Molecular Biology, 2015, 53, 174-183.	2.9	6
34	Mendelian randomisation of eosinophils and other cell types in relation to lung function and disease. Thorax, 2023, 78, 496-503.	5.6	6
35	Defining a role for lung function associated gene GSTCD in cell homeostasis. Respiratory Research, 2019, 20, 172.	3.6	5
36	Translational Analysis of Moderate to Severe Asthma GWAS Signals Into Candidate Causal Genes and Their Functional, Tissue-Dependent and Disease-Related Associations. Frontiers in Allergy, 2021, 2, 738741.	2.8	3

#	Article	IF	Citations
37	Human bronchial epithelial cells from patients with asthma have an altered gene expression profile. ERJ Open Research, 2022, 8, 00625-2021.	2.6	2
38	Exposure to lipopolysaccharide (LPS) reduces contractile response of small airways from GSTCD-/- mice. PLoS ONE, 2019, 14, e0221899.	2.5	1
39	Genetics of Asthma: Insights From Genome Wide Association Studies. , 2022, , 308-325.		1
40	Extended lifespan of bronchial epithelial cells maintains normal cellular phenotype and transcriptome integrity. ERJ Open Research, 2021, 7, 00254-2020.	2.6	0