

Miriam F Moffatt

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

10,394
citations

279778
23
h-index

254170
43
g-index

49
all docs

49
docs citations

49
times ranked

17675
citing authors

#	ARTICLE	IF	CITATIONS
1	Resilience of the respiratory microbiome in controlled adult RSV challenge study. European Respiratory Journal, 2022, 59, 2101932.	6.7	4
2	A Pandemic Lesson for Global Lung Diseases: Exacerbations Are Preventable. American Journal of Respiratory and Critical Care Medicine, 2022, 205, 1271-1280.	5.6	19
3	A large-scale genome-wide association analysis of lung function in the Chinese population identifies novel loci and highlights shared genetic aetiology with obesity. European Respiratory Journal, 2021, 58, 2100199.	6.7	30
4	ORMDL3 regulates poly I:C induced inflammatory responses in airway epithelial cells. BMC Pulmonary Medicine, 2021, 21, 167.	2.0	3
5	Airway microbial communities, smoking and asthma in a general population sample. EBioMedicine, 2021, 71, 103538.	6.1	26
6	Estimating cell-type-specific DNA methylation effects in heterogeneous cellular populations. Epigenomics, 2021, 13, 87-97.	2.1	2
7	Comparison of the airway microbiota in children with chronic suppurative lung disease. BMJ Open Respiratory Research, 2021, 8, e001106.	3.0	3
8	Shared genetic and experimental links between obesity-related traits and asthma subtypes in UK Biobank. Journal of Allergy and Clinical Immunology, 2020, 145, 537-549.	2.9	240
9	Neutrophilic inflammation in the respiratory mucosa predisposes to RSV infection. Science, 2020, 370, .	12.6	100
10	In the Wrong Place at the Wrong Time: Microbial Misplacement and Acute Respiratory Distress Syndrome. American Journal of Respiratory and Critical Care Medicine, 2020, 201, 506-507.	5.6	1
11	Respiratory Viral Infection Alters the Gut Microbiota by Inducing Inappetence. MBio, 2020, 11, .	4.1	122
12	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
13	EGF receptor (EGFR) inhibition promotes a slow-twitch oxidative, over a fast-twitch, muscle phenotype. Scientific Reports, 2019, 9, 9218.	3.3	14
14	Metabolomic, transcriptomic and genetic integrative analysis reveals important roles of adenosine diphosphate in haemostasis and platelet activation in non-small-cell lung cancer. Molecular Oncology, 2019, 13, 2406-2421.	4.6	24
15	Inhaled corticosteroid suppression of cathelicidin drives dysbiosis and bacterial infection in chronic obstructive pulmonary disease. Science Translational Medicine, 2019, 11, .	12.4	75
16	Longitudinal development of the airway microbiota in infants with cystic fibrosis. Scientific Reports, 2019, 9, 5143.	3.3	19
17	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
18	The <i>ORMDL3</i> Asthma Gene Regulates <i>ICAM1</i> and Has Multiple Effects on Cellular Inflammation. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 478-488.	5.6	67

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19	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
20	Multiancestry association study identifies new asthma risk loci that colocalize with immune-cell enhancer marks. Nature Genetics, 2018, 50, 42-53.	21.4	426
21	New opportunities for managing acute and chronic lung infections. Nature Reviews Microbiology, 2018, 16, 111-120.	28.6	80
22	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
23	Metal worker's lung: spatial association with <i>Mycobacterium avium</i> . Thorax, 2018, 73, 151-156.	5.6	18
24	Progression of whole-blood transcriptional signatures from interferon-induced to neutrophil-associated patterns in severe influenza. Nature Immunology, 2018, 19, 625-635.	14.5	119
25	Respiratory Disease following Viral Lung Infection Alters the Murine Gut Microbiota. Frontiers in Immunology, 2018, 9, 182.	4.8	178
26	COPD is accompanied by co-ordinated transcriptional perturbation in the quadriceps affecting the mitochondria and extracellular matrix. Scientific Reports, 2018, 8, 12165.	3.3	27
27	Comparison of the upper and lower airway microbiota in children with chronic lung diseases. PLoS ONE, 2018, 13, e0201156.	2.5	27
28	Corticosteroid suppression of antiviral immunity increases bacterial loads and mucus production in COPD exacerbations. Nature Communications, 2018, 9, 2229.	12.8	153
29	Fast and robust adjustment of cell mixtures in epigenome-wide association studies with SmartSVA. BMC Genomics, 2017, 18, 413.	2.8	54
30	Pulmonary ORMDL3 is critical for induction of Alternaria-induced allergic airways disease. Journal of Allergy and Clinical Immunology, 2017, 139, 1496-1507.e3.	2.9	71
31	The impact of persistent bacterial bronchitis on the pulmonary microbiome of children. PLoS ONE, 2017, 12, e0190075.	2.5	26
32	Vitamin D levels and susceptibility to asthma, elevated immunoglobulin E levels, and atopic dermatitis: A Mendelian randomization study. PLoS Medicine, 2017, 14, e1002294.	8.4	78
33	Airway Microbiota in Severe Asthma and Relationship to Asthma Severity and Phenotypes. PLoS ONE, 2016, 11, e0152724.	2.5	159
34	An epigenome-wide association study of total serum immunoglobulin E concentration. Nature, 2015, 520, 670-674.	27.8	193
35	Reagent and laboratory contamination can critically impact sequence-based microbiome analyses. BMC Biology, 2014, 12, 87.	3.8	2,677
36	The Role of Bacteria in the Pathogenesis and Progression of Idiopathic Pulmonary Fibrosis. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 906-913.	5.6	453

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37	A molecular comparison of microbial communities in bronchiectasis and cystic fibrosis. European Respiratory Journal, 2013, 41, 991-993.	6.7	16
38	Improved Detection of Bifidobacteria with Optimised 16S rRNA-Gene Based Pyrosequencing. PLoS ONE, 2012, 7, e32543.	2.5	170
39	Genetic risks and childhood-onset asthma. Journal of Allergy and Clinical Immunology, 2011, 128, 266-270.	2.9	27
40	A Large-Scale, Consortium-Based Genomewide Association Study of Asthma. New England Journal of Medicine, 2010, 363, 1211-1221.	27.0	1,762
41	Disordered Microbial Communities in Asthmatic Airways. PLoS ONE, 2010, 5, e8578.	2.5	1,436
42	Genetic variants regulating ORMDL3 expression contribute to the risk of childhood asthma. Nature, 2007, 448, 470-473.	27.8	1,446