

# Adam M Collison

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,658  
citations

279701

23  
h-index

189801

50  
g-index

58  
all docs

58  
docs citations

58  
times ranked

3869  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antagonism of microRNA-126 suppresses the effector function of T <sub>H</sub> 2 cells and the development of allergic airways disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 18704-18709.	3.3	401
2	High-flow warm humidified oxygen versus standard low-flow nasal cannula oxygen for moderate bronchiolitis (HFWHO RCT): an open, phase 4, randomised controlled trial. <i>Lancet, The</i> , 2017, 389, 930-939.	6.3	220
3	Inhibition of house dust mite-induced allergic airways disease by antagonism of microRNA-145 is comparable to glucocorticoid treatment. <i>Journal of Allergy and Clinical Immunology</i> , 2011, 128, 160-167.e4.	1.5	200
4	Toll/IL-1 Signaling Is Critical for House Dust Mite-specific Th1 and Th2 Responses. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2009, 179, 883-893.	2.5	148
5	Effects of fruit and vegetable consumption on inflammatory biomarkers and immune cell populations: a systematic literature review and meta-analysis. <i>American Journal of Clinical Nutrition</i> , 2018, 108, 136-155.	2.2	144
6	Altered expression of microRNA in the airway wall in chronic asthma: miR-126 as a potential therapeutic target. <i>BMC Pulmonary Medicine</i> , 2011, 11, 29.	0.8	131
7	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. <i>Nature Medicine</i> , 2013, 19, 232-237.	15.2	127
8	Critical link between TRAIL and CCL20 for the activation of TH2 cells and the expression of allergic airway disease. <i>Nature Medicine</i> , 2007, 13, 1308-1315.	15.2	112
9	Modeling T <sub>H</sub> 2 responses and airway inflammation to understand fundamental mechanisms regulating the pathogenesis of asthma. <i>Immunological Reviews</i> , 2017, 278, 20-40.	2.8	107
10	The emerging role of microRNAs in regulating immune and inflammatory responses in the lung. <i>Immunological Reviews</i> , 2013, 253, 198-215.	2.8	97
11	Toll-like receptor 7 governs interferon and inflammatory responses to rhinovirus and is suppressed by IL-5-induced lung eosinophilia. <i>Thorax</i> , 2015, 70, 854-861.	2.7	90
12	Targeting MicroRNA Function in Respiratory Diseases: Mini-Review. <i>Frontiers in Physiology</i> , 2016, 7, 21.	1.3	63
13	A pathogenic role for tumor necrosis factor-related apoptosis-inducing ligand in chronic obstructive pulmonary disease. <i>Mucosal Immunology</i> , 2016, 9, 859-872.	2.7	63
14	Managing Asthma in Pregnancy (MAP) trial: FENO levels and childhood asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 142, 1765-1772.e4.	1.5	60
15	Emerging role of tumour necrosis factor-related apoptosis-inducing ligand (TRAIL) as a key regulator of inflammatory responses. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2009, 36, 1049-1053.	0.9	51
16	Effects of an anti-inflammatory VAP-1/SSAO inhibitor, PXS-4728A, on pulmonary neutrophil migration. <i>Respiratory Research</i> , 2015, 16, 42.	1.4	47
17	Tumor necrosis factor-related apoptosis-inducing ligand translates neonatal respiratory infection into chronic lung disease. <i>Mucosal Immunology</i> , 2014, 7, 478-488.	2.7	45
18	CCL7 and IRF-7 Mediate Hallmark Inflammatory and IFN Responses following Rhinovirus 1B Infection. <i>Journal of Immunology</i> , 2015, 194, 4924-4930.	0.4	39

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19	Emerging role of microRNAs in disease pathogenesis and strategies for therapeutic modulation. <i>Current Opinion in Molecular Therapeutics</i> , 2008, 10, 150-7.	2.8	34
20	Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand Regulates Hallmark Features of Airways Remodeling in Allergic Airways Disease. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2014, 51, 86-93.	1.4	33
21	TNF-related apoptosis-inducing ligand (TRAIL) regulates midline-1, thymic stromal lymphopoietin, inflammation, and remodeling in experimental eosinophilic esophagitis. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 971-982.	1.5	33
22	Salmeterol attenuates chemotactic responses in rhinovirus-induced exacerbation of allergic airways disease by modulating protein phosphatase 2A. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1720-1727.	1.5	32
23	A Critical Role for the CXCL3/CXCL5/CXCR2 Neutrophilic Chemotactic Axis in the Regulation of Type 2 Responses in a Model of Rhinoviral-Induced Asthma Exacerbation. <i>Journal of Immunology</i> , 2020, 205, 2468-2478.	0.4	31
24	Absence of Toll-IL-1 Receptor 8/Single Immunoglobulin IL-1 Receptor-Related Molecule Reduces House Dust Mite-Induced Allergic Airway Inflammation in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2013, 49, 481-490.	1.4	23
25	Maternal asthma, breastfeeding, and respiratory outcomes in the first year of life. <i>Pediatric Pulmonology</i> , 2020, 55, 1690-1696.	1.0	22
26	MicroRNA: Potential biomarkers and therapeutic targets for allergic asthma?. <i>Annals of Medicine</i> , 2014, 46, 633-639.	1.5	21
27	TRAIL signals through the ubiquitin ligase MID1 to promote pulmonary fibrosis. <i>BMC Pulmonary Medicine</i> , 2019, 19, 31.	0.8	20
28	TRAIL signaling is proinflammatory and proviral in a murine model of rhinovirus 1B infection. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L89-L99.	1.3	19
29	Epigenetic changes associated with disease progression in a mouse model of childhood allergic asthma. <i>DMM Disease Models and Mechanisms</i> , 2013, 6, 993-1000.	1.2	18
30	Inhibiting AKT Phosphorylation Employing Non-Cytotoxic Anthraquinones Ameliorates TH2 Mediated Allergic Airways Disease and Rhinovirus Exacerbation. <i>PLoS ONE</i> , 2013, 8, e79565.	1.1	17
31	miR-122 promotes virus-induced lung disease by targeting SOCS1. <i>JCI Insight</i> , 2021, 6, .	2.3	17
32	The effects of increasing fruit and vegetable intake in children with asthma: A randomized controlled trial. <i>Clinical and Experimental Allergy</i> , 2021, 51, 1144-1156.	1.4	16
33	Exposure to Stress and Air Pollution from Bushfires during Pregnancy: Could Epigenetic Changes Explain Effects on the Offspring?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7465.	1.2	15
34	Enhancing tristetraprolin activity reduces the severity of cigarette smoke-induced experimental chronic obstructive pulmonary disease. <i>Clinical and Translational Immunology</i> , 2019, 8, e01084.	1.7	14
35	How Maternal BMI Modifies the Impact of Personalized Asthma Management in Pregnancy. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 219-228.e3.	2.0	14
36	The fraction of exhaled nitric oxide improves prediction of clinical allergic reaction to peanut challenge in children. <i>Clinical and Experimental Allergy</i> , 2014, 44, 371-380.	1.4	13

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37	Association between active tobacco use during pregnancy and infant respiratory health: a systematic review and meta-analysis. <i>BMJ Open</i> , 2020, 10, e037819.	0.8	13
38	Maternal asthma is associated with reduced lung function in male infants in a combined analysis of the BLT and BILD cohorts. <i>Thorax</i> , 2021, 76, 996-1001.	2.7	13
39	TRAIL deficiency and PP2A activation with salmeterol ameliorates egg allergen-driven eosinophilic esophagitis. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 311, G998-G1008.	1.6	11
40	Clinical and lung function outcomes in a cohort of children with severe asthma. <i>BMC Pulmonary Medicine</i> , 2020, 20, 66.	0.8	11
41	Exercise capacity is not decreased in children who have undergone lung resection early in life for congenital thoracic malformations compared to healthy age-matched children. <i>Pediatric Pulmonology</i> , 2017, 52, 1340-1348.	1.0	10
42	Observational study of mental health in asthmatic women during the prenatal and postnatal periods. <i>Journal of Asthma</i> , 2020, 57, 829-841.	0.9	10
43	Children With Asthma Have Impaired Innate Immunity and Increased Numbers of Type 2 Innate Lymphoid Cells Compared With Healthy Controls. <i>Frontiers in Immunology</i> , 2021, 12, 664668.	2.2	8
44	Polysomnography for the management of oxygen supplementation therapy in infants with chronic lung disease of prematurity. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019, 32, 3640-3646.	0.7	6
45	Fetal Eosinophils Get on the Nerves of Airways. Early Origins of Bronchoconstriction. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020, 62, 407-408.	1.4	5
46	Environmental Air Pollutants Inhaled during Pregnancy Are Associated with Altered Cord Blood Immune Cell Profiles. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7431.	1.2	5
47	Rhinovirus bronchiolitis, maternal asthma, and the development of asthma and lung function impairments. <i>Pediatric Pulmonology</i> , 2021, 56, 362-370.	1.0	5
48	Reproducibility of serum IgE, Ara h2 skin prick testing and fraction of exhaled nitric oxide for predicting clinical peanut allergy in children. <i>Allergy, Asthma and Clinical Immunology</i> , 2016, 12, 35.	0.9	4
49	Cord blood group 2 innate lymphoid cells are associated with lung function at 6 weeks of age. <i>Clinical and Translational Immunology</i> , 2021, 10, e1296.	1.7	4
50	In vivo targeting of miR-223 in experimental eosinophilic oesophagitis. <i>Clinical and Translational Immunology</i> , 2020, 9, e1210.	1.7	3
51	Variation of DNA Methylation in Newborns Associated with Exhaled Carbon Monoxide during Pregnancy. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1597.	1.2	3
52	Higher exhaled nitric oxide at 6 weeks of age is associated with less bronchiolitis and wheeze in the first 12 months of age. <i>Thorax</i> , 2022, 77, 1106-1112.	2.7	3
53	Investigating the Links between Lower Iron Status in Pregnancy and Respiratory Disease in Offspring Using Murine Models. <i>Nutrients</i> , 2021, 13, 4461.	1.7	2
54	Polysomnography in Preterm Infants with Bronchopulmonary Dysplasia for Monitoring Sleep-Disordered Breathing and Pulmonary Reserve. <i>Current Sleep Medicine Reports</i> , 2019, 5, 56-60.	0.7	1

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55	Change in exhaled nitric oxide during peanut challenge is related to severity of reaction. <i>Allergy, Asthma and Clinical Immunology</i> , 2020, 16, 64.	0.9	1
56	Parenting stress in mothers with asthma during the postpartum period. <i>Journal of Asthma</i> , 2021, , 1-13.	0.9	1
57	Early Sensory and Temperament Features in Infants Born to Mothers With Asthma: A Cross-Sectional Study. <i>Frontiers in Psychology</i> , 2021, 12, 713804.	1.1	1
58	Exposure to 4% SF <sub>6</sub> during multiple breath washout affects subsequent infant tidal breathing analysis. <i>Pediatric Pulmonology</i> , 2022, 57, 1089-1091.	1.0	1