Adam M Collison

List of Publications by Year
in descending order

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58	2,658	279701	189801
papers	citations	23 h-index	50 g-index

58	58	58	3869
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Higher exhaled nitric oxide at 6 weeks of age is associated with less bronchiolitis and wheeze in the first 12 months of age. Thorax, 2022, 77, 1106-1112.	2.7	3
2	Exposure to 4% SF₆ during multiple breath washout affects subsequent infant tidal breathing analysis. Pediatric Pulmonology, 2022, 57, 1089-1091.	1.0	1
3	Cord blood group 2 innate lymphoid cells are associated with lung function at 6Âweeks of age. Clinical and Translational Immunology, 2021, 10, e1296.	1.7	4
4	Maternal asthma is associated with reduced lung function in male infants in a combined analysis of the BLT and BILD cohorts. Thorax, 2021, 76, 996-1001.	2.7	13
5	Variation of DNA Methylation in Newborns Associated with Exhaled Carbon Monoxide during Pregnancy. International Journal of Environmental Research and Public Health, 2021, 18, 1597.	1.2	3
6	miR-122 promotes virus-induced lung disease by targeting SOCS1. JCI Insight, 2021, 6, .	2.3	17
7	Children With Asthma Have Impaired Innate Immunity and Increased Numbers of Type 2 Innate Lymphoid Cells Compared With Healthy Controls. Frontiers in Immunology, 2021, 12, 664668.	2.2	8
8	Exposure to Stress and Air Pollution from Bushfires during Pregnancy: Could Epigenetic Changes Explain Effects on the Offspring?. International Journal of Environmental Research and Public Health, 2021, 18, 7465.	1.2	15
9	The effects of increasing fruit and vegetable intake in children with asthma: A randomized controlled trial. Clinical and Experimental Allergy, 2021, 51, 1144-1156.	1.4	16
10	Environmental Air Pollutants Inhaled during Pregnancy Are Associated with Altered Cord Blood Immune Cell Profiles. International Journal of Environmental Research and Public Health, 2021, 18, 7431.	1.2	5
11	Parenting stress in mothers with asthma during the postpartum period. Journal of Asthma, 2021, , 1-13.	0.9	1
12	Early Sensory and Temperament Features in Infants Born to Mothers With Asthma: A Cross-Sectional Study. Frontiers in Psychology, 2021, 12, 713804.	1.1	1
13	Rhinovirus bronchiolitis, maternal asthma, and the development of asthma and lung function impairments. Pediatric Pulmonology, 2021, 56, 362-370.	1.0	5
14	Investigating the Links between Lower Iron Status in Pregnancy and Respiratory Disease in Offspring Using Murine Models. Nutrients, 2021, 13, 4461.	1.7	2
15	Observational study of mental health in asthmatic women during the prenatal and postnatal periods. Journal of Asthma, 2020, 57, 829-841.	0.9	10
16	How Maternal BMI Modifies the Impact of Personalized Asthma Management in Pregnancy. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 219-228.e3.	2.0	14
17	Fetal Eosinophils Get on the Nerves of Airways. Early Origins of Bronchoconstriction. American Journal of Respiratory Cell and Molecular Biology, 2020, 62, 407-408.	1.4	5
18	Association between active tobacco use during pregnancy and infant respiratory health: a systematic review and meta-analysis. BMJ Open, 2020, 10, e037819.	0.8	13

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19	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. Journal of Immunology, 2020, 205, 2468-2478.	0.4	31
20	Change in exhaled nitric oxide during peanut challenge is related to severity of reaction. Allergy, Asthma and Clinical Immunology, 2020, 16, 64.	0.9	1
21	In vivo targeting of miRâ€223 in experimental eosinophilic oesophagitis. Clinical and Translational Immunology, 2020, 9, e1210.	1.7	3
22	Clinical and lung function outcomes in a cohort of children with severe asthma. BMC Pulmonary Medicine, 2020, 20, 66.	0.8	11
23	Maternal asthma, breastfeeding, and respiratory outcomes in the first year of life. Pediatric Pulmonology, 2020, 55, 1690-1696.	1.0	22
24	Polysomnography in Preterm Infants with Bronchopulmonary Dysplasia for Monitoring Sleep-Disordered Breathing and Pulmonary Reserve. Current Sleep Medicine Reports, 2019, 5, 56-60.	0.7	1
25	TRAIL signals through the ubiquitin ligase MID1 to promote pulmonary fibrosis. BMC Pulmonary Medicine, 2019, 19, 31.	0.8	20
26	Enhancing tristetraprolin activity reduces the severity of cigarette smokeâ€induced experimental chronic obstructive pulmonary disease. Clinical and Translational Immunology, 2019, 8, e01084.	1.7	14
27	Polysomnography for the management of oxygen supplementation therapy in infants with chronic lung disease of prematurity. Journal of Maternal-Fetal and Neonatal Medicine, 2019, 32, 3640-3646.	0.7	6
28	Managing Asthma in Pregnancy (MAP) trial: FENO levels and childhood asthma. Journal of Allergy and Clinical Immunology, 2018, 142, 1765-1772.e4.	1.5	60
29	Effects of fruit and vegetable consumption on inflammatory biomarkers and immune cell populations: a systematic literature review and meta-analysis. American Journal of Clinical Nutrition, 2018, 108, 136-155.	2.2	144
30	High-flow warm humidified oxygen versus standard low-flow nasal cannula oxygen for moderate bronchiolitis (HFWHO RCT): an open, phase 4, randomised controlled trial. Lancet, The, 2017, 389, 930-939.	6.3	220
31	TRAIL signaling is proinflammatory and proviral in a murine model of rhinovirus 1B infection. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L89-L99.	1.3	19
32	Exercise capacity is not decreased in children who have undergone lung resection early in life for congenital thoracic malformations compared to healthy ageâ€matched children. Pediatric Pulmonology, 2017, 52, 1340-1348.	1.0	10
33	Modeling <scp>T_H</scp>2 responses and airway inflammation to understand fundamental mechanisms regulating the pathogenesis of asthma. Immunological Reviews, 2017, 278, 20-40.	2.8	107
34	Targeting MicroRNA Function in Respiratory Diseases: Mini-Review. Frontiers in Physiology, 2016, 7, 21.	1.3	63
35	TRAIL deficiency and PP2A activation with salmeterol ameliorates egg allergen-driven eosinophilic esophagitis. American Journal of Physiology - Renal Physiology, 2016, 311, G998-G1008.	1.6	11
36	Reproducibility of serum IgE, Ara h2 skin prick testing and fraction of exhaled nitric oxide for predicting clinical peanut allergy in children. Allergy, Asthma and Clinical Immunology, 2016, 12, 35.	0.9	4

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37	A pathogenic role for tumor necrosis factor-related apoptosis-inducing ligand in chronic obstructive pulmonary disease. Mucosal Immunology, 2016, 9, 859-872.	2.7	63
38	TNF-related apoptosis-inducing ligand (TRAIL) regulates midline-1, thymic stromal lymphopoietin, inflammation, andÂremodeling in experimental eosinophilic esophagitis. Journal of Allergy and Clinical Immunology, 2015, 136, 971-982.	1.5	33
39	Toll-like receptor 7 governs interferon and inflammatory responses to rhinovirus and is suppressed by IL-5-induced lung eosinophilia. Thorax, 2015, 70, 854-861.	2.7	90
40	Effects of an anti-inflammatory VAP-1/SSAO inhibitor, PXS-4728A, on pulmonary neutrophil migration. Respiratory Research, 2015, 16, 42.	1.4	47
41	CCL7 and IRF-7 Mediate Hallmark Inflammatory and IFN Responses following Rhinovirus 1B Infection. Journal of Immunology, 2015, 194, 4924-4930.	0.4	39
42	The fraction of exhaled nitric oxide improves prediction of clinical allergic reaction to peanut challenge in children. Clinical and Experimental Allergy, 2014, 44, 371-380.	1.4	13
43	Tumor necrosis factor-related apoptosis-inducing ligand translates neonatal respiratory infection into chronic lung disease. Mucosal Immunology, 2014, 7, 478-488.	2.7	45
44	Tumor Necrosis Factorâ€"Related Apoptosis-Inducing Ligand Regulates Hallmark Features of Airways Remodeling in Allergic Airways Disease. American Journal of Respiratory Cell and Molecular Biology, 2014, 51, 86-93.	1.4	33
45	MicroRNA: Potential biomarkers and therapeutic targets for allergic asthma?. Annals of Medicine, 2014, 46, 633-639.	1.5	21
46	Salmeterol attenuates chemotactic responses in rhinovirus-induced exacerbation of allergic airways diseaseÂby modulating protein phosphatase 2A. Journal of Allergy and Clinical Immunology, 2014, 133, 1720-1727.	1.5	32
47	Absence of Tollâ€"IL-1 Receptor 8/Single Immunoglobulin IL-1 Receptorâ€"Related Molecule Reduces House Dust Miteâ€"Induced Allergic Airway Inflammation in Mice. American Journal of Respiratory Cell and Molecular Biology, 2013, 49, 481-490.	1.4	23
48	The E3 ubiquitin ligase midline 1 promotes allergen and rhinovirus-induced asthma by inhibiting protein phosphatase 2A activity. Nature Medicine, 2013, 19, 232-237.	15.2	127
49	The emerging role of micro<scp>RNA</scp>s in regulating immune and inflammatory responses in the lung. Immunological Reviews, 2013, 253, 198-215.	2.8	97
50	Epigenetic changes associated with disease progression in a mouse model of childhood allergic asthma. DMM Disease Models and Mechanisms, 2013, 6, 993-1000.	1.2	18
51	Inhibiting AKT Phosphorylation Employing Non-Cytotoxic Anthraquinones Ameliorates TH2 Mediated Allergic Airways Disease and Rhinovirus Exacerbation. PLoS ONE, 2013, 8, e79565.	1.1	17
52	Inhibition of house dust miteâ€"induced allergic airways disease by antagonism of microRNA-145 is comparable to glucocorticoid treatment. Journal of Allergy and Clinical Immunology, 2011, 128, 160-167.e4.	1.5	200
53	Altered expression of microRNA in the airway wall in chronic asthma: miR-126 as a potential therapeutic target. BMC Pulmonary Medicine, 2011, 11, 29.	0.8	131
54	Antagonism of microRNA-126 suppresses the effector function of T _H 2 cells and the development of allergic airways disease. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 18704-18709.	3.3	401

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55	Emerging role of tumour necrosis factorâ€related apoptosisâ€inducing ligand (TRAIL) as a key regulator of inflammatory responses. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 1049-1053.	0.9	51
56	Toll/IL-1 Signaling Is Critical for House Dust Miteâ€"specific Th1 and Th2 Responses. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 883-893.	2.5	148
57	Emerging role of microRNAs in disease pathogenesis and strategies for therapeutic modulation. Current Opinion in Molecular Therapeutics, 2008, 10, 150-7.	2.8	34
58	Critical link between TRAIL and CCL20 for the activation of TH2 cells and the expression of allergic airway disease. Nature Medicine, 2007, 13, 1308-1315.	15.2	112