

Alexander N Larcombe

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

1,234
citations

21
h-index

31
g-index

90
ext. papers

1,546
ext. citations

5.3
avg, IF

4.55
L-index

#	Paper	IF	Citations
75	Environmental correlates of physiological variables in marsupials. <i>Physiological and Biochemical Zoology</i> , 2006 , 79, 437-53	2	84
74	The effects of electronic cigarette aerosol exposure on inflammation and lung function in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L67-L79	5.8	69
73	Ovalbumin-sensitized mice are good models for airway hyperresponsiveness but not acute physiological responses to allergen inhalation. <i>Clinical and Experimental Allergy</i> , 2008 , 38, 829-38	4.1	54
72	Boosting airway T-regulatory cells by gastrointestinal stimulation as a strategy for asthma control. <i>Mucosal Immunology</i> , 2011 , 4, 43-52	9.2	53
71	The Evolving Landscape of e-Cigarettes: A Systematic Review of Recent Evidence. <i>Chest</i> , 2020 , 157, 1362-1390	5.3	51
70	Suppression of the asthmatic phenotype by ultraviolet B-induced, antigen-specific regulatory cells. <i>Clinical and Experimental Allergy</i> , 2007 , 37, 1267-76	4.1	51
69	Sexual dimorphism in lung function responses to acute influenza A infection. <i>Influenza and Other Respiratory Viruses</i> , 2011 , 5, 334-42	5.6	50
68	Effects of human rhinovirus on epithelial barrier integrity and function in children with asthma. <i>Clinical and Experimental Allergy</i> , 2018 , 48, 513-524	4.1	43
67	Early life arsenic exposure and acute and long-term responses to influenza A infection in mice. <i>Environmental Health Perspectives</i> , 2013 , 121, 1187-93	8.4	39
66	The bimodal quasi-static and dynamic elastance of the murine lung. <i>Journal of Applied Physiology</i> , 2008 , 105, 685-92	3.7	38
65	In utero exposure to arsenic alters lung development and genes related to immune and mucociliary function in mice. <i>Environmental Health Perspectives</i> , 2013 , 121, 244-50	8.4	33
64	Effects of temperature on metabolism, ventilation, and oxygen extraction in the southern brown bandicoot <i>Isodon obesulus</i> (Marsupialia: Peramelidae). <i>Physiological and Biochemical Zoology</i> , 2002 , 75, 405-11	2	31
63	Sensitizing and Th2 adjuvant activity of cysteine protease allergens. <i>International Archives of Allergy and Immunology</i> , 2012 , 158, 347-58	3.7	29
62	In utero exposure to low dose arsenic via drinking water impairs early life lung mechanics in mice. <i>BMC Pharmacology & Toxicology</i> , 2013 , 14, 13	2.6	25
61	Rhinovirus exacerbates house-dust-mite induced lung disease in adult mice. <i>PLoS ONE</i> , 2014 , 9, e92163	3.7	23
60	In utero cigarette smoke exposure impairs somatic and lung growth in BALB/c mice. <i>European Respiratory Journal</i> , 2011 , 38, 932-8	13.6	23
59	Biodiesel exhaust: the need for a systematic approach to health effects research. <i>Respirology</i> , 2015 , 20, 1034-45	3.6	22

58	The effect of diesel exhaust exposure on blood-brain barrier integrity and function in a murine model. <i>Journal of Applied Toxicology</i> , 2015 , 35, 41-7	4.1	22
57	The influence of moving walls on respiratory aerosol deposition modelling. <i>Journal of Aerosol Science</i> , 2013 , 64, 48-59	4.3	22
56	Biodiesel exhaust-induced cytotoxicity and proinflammatory mediator production in human airway epithelial cells. <i>Environmental Toxicology</i> , 2016 , 31, 44-57	4.2	22
55	Nicotine and other potentially harmful compounds in "nicotine-free" e-cigarette liquids in Australia. <i>Medical Journal of Australia</i> , 2019 , 210, 127-128	4	22
54	Effect of human rhinovirus infection on airway epithelium tight junction protein disassembly and transepithelial permeability. <i>Experimental Lung Research</i> , 2016 , 42, 380-395	2.3	19
53	Defective aeroallergen surveillance by airway mucosal dendritic cells as a determinant of risk for persistent airways hyper-responsiveness in experimental asthma. <i>Mucosal Immunology</i> , 2012 , 5, 332-41	9.2	18
52	Visualisation of Multiple Tight Junctional Complexes in Human Airway Epithelial Cells. <i>Biological Procedures Online</i> , 2018 , 20, 3	8.3	17
51	Vitamin D supplementation of initially vitamin D-deficient mice diminishes lung inflammation with limited effects on pulmonary epithelial integrity. <i>Physiological Reports</i> , 2017 , 5, e13371	2.6	17
50	Airway hyperresponsiveness is associated with activated CD4+ T cells in the airways. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009 , 297, L373-9	5.8	17
49	Physiological and inflammatory responses in an anthropomorphically relevant model of acute diesel exhaust particle exposure are sex and dose-dependent. <i>Inhalation Toxicology</i> , 2011 , 23, 906-17	2.7	17
48	Acute Influenza A infection induces bronchial hyper-responsiveness in mice. <i>Respiratory Physiology and Neurobiology</i> , 2008 , 162, 190-6	2.8	17
47	Transplacental immune modulation with a bacterial-derived agent protects against allergic airway inflammation. <i>Journal of Clinical Investigation</i> , 2018 , 128, 4856-4869	15.9	16
46	Foetal growth restriction in mice modifies postnatal airway responsiveness in an age and sex-dependent manner. <i>Clinical Science</i> , 2018 , 132, 273-284	6.5	15
45	Route of exposure alters inflammation and lung function responses to diesel exhaust. <i>Inhalation Toxicology</i> , 2014 , 26, 409-18	2.7	15
44	The parasympathetic nervous system and its influence on heart rate in torpid western pygmy possums, <i>Cercatetus concinnus</i> (Marsupialia: Burramyidae). <i>Zoology</i> , 2003 , 106, 143-50	1.7	15
43	Thermoregulatory, metabolic and ventilatory physiology of the eastern barred bandicoot (<i>Perameles gunnii</i>). <i>Australian Journal of Zoology</i> , 2006 , 54, 9	0.5	14
42	Independent and combined effects of airway remodelling and allergy on airway responsiveness. <i>Clinical Science</i> , 2018 , 132, 327-338	6.5	13
41	Increased heterogeneity of airway calibre in adult rats after hypoxia-induced intrauterine growth restriction. <i>Respirology</i> , 2017 , 22, 1329-1335	3.6	12

40	Electronic cigarettes: A position statement from the Thoracic Society of Australia and New Zealand. <i>Respirology</i> , 2020 , 25, 1082-1089	3.6	12
39	Fragranced consumer products: effects on asthmatic Australians. <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 365-371	5.6	11
38	Thermoregulatory, metabolic and ventilatory physiology of the western barred bandicoot (<i>Perameles bougainville bougainville</i>) in summer and winter. <i>Australian Journal of Zoology</i> , 2006 , 54, 15	0.5	11
37	Early-life exposure to electronic cigarettes: cause for concern. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 985-992	35.1	10
36	Influence of gestational age on dead space and alveolar ventilation in preterm infants ventilated with volume guarantee. <i>Neonatology</i> , 2015 , 107, 43-9	4	10
35	The mechanism of deep inspiration-induced bronchoprotection: evidence from a mouse model. <i>European Respiratory Journal</i> , 2012 , 40, 982-9	13.6	10
34	Effects of long-term captivity on thermoregulation, metabolism and ventilation of the southern brown bandicoot (Marsupialia: Peramelidae). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2007 , 177, 229-36	2.2	10
33	Assessing the unified airway hypothesis in children via transcriptional profiling of the airway epithelium. <i>Journal of Allergy and Clinical Immunology</i> , 2020 , 145, 1562-1573	11.5	9
32	Acute diesel exhaust particle exposure increases viral titre and inflammation associated with existing influenza infection, but does not exacerbate deficits in lung function. <i>Influenza and Other Respiratory Viruses</i> , 2013 , 7, 701-9	5.6	9
31	Persistent and compartmentalised disruption of dendritic cell subpopulations in the lung following influenza A virus infection. <i>PLoS ONE</i> , 2014 , 9, e111520	3.7	9
30	Absence of cholinergic airway tone in normal BALB/c mice. <i>Respiratory Physiology and Neurobiology</i> , 2008 , 161, 223-9	2.8	9
29	Mouse Lung Structure and Function after Long-Term Exposure to an Atmospheric Carbon Dioxide Level Predicted by Climate Change Modeling. <i>Environmental Health Perspectives</i> , 2021 , 129, 17001	8.4	9
28	Soy Biodiesel Exhaust is More Toxic than Mineral Diesel Exhaust in Primary Human Airway Epithelial Cells. <i>Environmental Science & Technology</i> , 2019 , 53, 11437-11446	10.3	7
27	Mechanical Abnormalities of the Airway Wall in Adult Mice After Intrauterine Growth Restriction. <i>Frontiers in Physiology</i> , 2019 , 10, 1073	4.6	6
26	No role for neutrophil elastase in influenza-induced cellular recruitment, cytokine production or airway hyperresponsiveness in mice. <i>Respiratory Physiology and Neurobiology</i> , 2010 , 173, 164-70	2.8	6
25	Maternal high fat diet compromises survival and modulates lung development of offspring, and impairs lung function of dams (female mice). <i>Respiratory Research</i> , 2019 , 20, 21	7.3	6
24	Critical Review of Diesel Exhaust Exposure Health Impact Research Relevant to Occupational Settings: Are We Controlling the Wrong Pollutants?. <i>Exposure and Health</i> , 2021 , 13, 141-171	8.8	6
23	Chemical analysis of fresh and aged Australian e-cigarette liquids. <i>Medical Journal of Australia</i> , 2021 , ,	4	6

22	Pharmacological ablation of the airway smooth muscle layer-Mathematical predictions of functional improvement in asthma. <i>Physiological Reports</i> , 2020 , 8, e14451	2.6	5
21	Early life rhinovirus infection exacerbates house-dust-mite induced lung disease more severely in female mice. <i>Experimental Lung Research</i> , 2016 , 42, 24-36	2.3	5
20	Optical coherence tomography-based contact-indentation for diaphragm mechanics in a mouse model of transforming growth factor alpha induced lung disease. <i>Scientific Reports</i> , 2017 , 7, 1517	4.9	4
19	Self-citation: comparison between Radiology, European Radiology and Radiology for 1997-1998. <i>Scientometrics</i> , 2011 , 87, 347-356	3	4
18	Metabolic and ventilatory physiology of the Barrow Island golden bandicoot (<i>Isodon auratus barrowensis</i>) and the northern brown bandicoot (<i>Isodon macrourus</i>). <i>Journal of Thermal Biology</i> , 2008 , 33, 337-344	2.9	4
17	House dust mite induced lung inflammation does not alter circulating vitamin D levels. <i>PLoS ONE</i> , 2014 , 9, e112589	3.7	4
16	Exposomes and metabolic health through a physical activity lens: a narrative review. <i>Journal of Endocrinology</i> , 2021 , 249, R25-R41	4.7	4
15	Fuel feedstock determines biodiesel exhaust toxicity in a human airway epithelial cell exposure model. <i>Journal of Hazardous Materials</i> , 2021 , 420, 126637	12.8	4
14	Effect of season on thermoregulation, metabolism and ventilation of the southern brown bandicoot <i>Isodon obesulus</i> (Marsupialia: Peramelidae). <i>Journal of Experimental Zoology</i> , 2008 , 309, 175-83		3
13	Long-term exposure of mice to 890 ppm atmospheric CO alters growth trajectories and elicits hyperactive behaviours in young adulthood. <i>Journal of Physiology</i> , 2021 ,	3.9	3
12	Factors influencing the assessment of lung function in mice with influenza-induced lung disease. <i>Influenza and Other Respiratory Viruses</i> , 2013 , 7, 889-94	5.6	2
11	Previous Influenza Infection Exacerbates Allergen Specific Response and Impairs Airway Barrier Integrity in Pre-Sensitized Mice. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
10	Comment on "Long-Term Effects of Diesel Exhaust Particles on Airway Inflammation and Remodeling in a Mouse Model" by Kim et al. <i>Allergy, Asthma and Immunology Research</i> , 2017 , 9, 185-186	5.3	1
9	Reply to "Letter to the Editor: The effects of electronic cigarette aerosol exposure on inflammation and lung function in mice". <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017 , 313, L970-L971	5.8	1
8	Comment on "Regional particle size dependent deposition of inhaled aerosols in rats and mice" by Kuehl et al. <i>Inhalation Toxicology</i> , 2013 , 25, 606-7	2.7	1
7	primary human airway epithelial whole exhaust exposure. <i>MethodsX</i> , 2021 , 8, 101561	1.9	1
6	Phage Therapy for Multi-Drug Resistant Respiratory Tract Infections. <i>Viruses</i> , 2021 , 13,	6.2	1
5	Toxicity of different biodiesel exhausts in primary human airway epithelial cells grown at air-liquid interface.. <i>Science of the Total Environment</i> , 2022 , 832, 155016	10.2	1

4	Exacerbation of chronic cigarette-smoke induced lung disease by rhinovirus in mice.. <i>Respiratory Physiology and Neurobiology</i> , 2022 , 103846	2.8	o
3	IRF7-Associated Immunophenotypes Have Dichotomous Responses to Virus/Allergen Coexposure and OM-85-Induced Reprogramming. <i>Frontiers in Immunology</i> , 2021 , 12, 699633	8.4	o
2	Response. <i>Chest</i> , 2020 , 158, 836-837	5.3	
1	Confounding Effects of Gavage in Mice: Impaired Respiratory Structure and Function. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019 , 61, 791-794	5.7	