Alexander N Larcombe

List of Publications by Year in Descending Order

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	Exacerbation of chronic cigarette-smoke induced lung disease by rhinovirus in mice.. *Respiratory Physiology and Neurobiology*, **2022**, 103846	2.8	0
74	Toxicity of different biodiesel exhausts in primary human airway epithelial cells grown at air-liquid interface.. *Science of the Total Environment*, **2022**, 832, 155016	10.2	1
73	Long-term exposure of mice to 890 ppm atmospheric CO alters growth trajectories and elicits hyperactive behaviours in young adulthood. *Journal of Physiology*, **2021**,	3.9	3
72	primary human airway epithelial whole exhaust exposure. *MethodsX*, **2021**, 8, 101561	1.9	1
71	Exposomes and metabolic health through a physical activity lens: a narrative review. *Journal of Endocrinology*, **2021**, 249, R25-R41	4.7	4
70	Critical Review of Diesel Exhaust Exposure Health Impact Research Relevant to Occupational Settings: Are We Controlling the Wrong Pollutants?. *Exposure and Health*, **2021**, 13, 141-171	8.8	6
69	Mouse Lung Structure and Function after Long-Term Exposure to an Atmospheric Carbon Dioxide Level Predicted by Climate Change Modeling. *Environmental Health Perspectives*, **2021**, 129, 17001	8.4	9
68	IRF7-Associated Immunophenotypes Have Dichotomous Responses to Virus/Allergen Coexposure and OM-85-Induced Reprogramming. *Frontiers in Immunology*, **2021**, 12, 699633	8.4	0
67	Previous Influenza Infection Exacerbates Allergen Specific Response and Impairs Airway Barrier Integrity in Pre-Sensitized Mice. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	2
66	Phage Therapy for Multi-Drug Resistant Respiratory Tract Infections. *Viruses*, **2021**, 13,	6.2	1
65	Chemical analysis of fresh and aged Australian e-cigarette liquids. *Medical Journal of Australia*, **2021** ,	4	6
64	Fuel feedstock determines biodiesel exhaust toxicity in a human airway epithelial cell exposure model. *Journal of Hazardous Materials*, **2021**, 420, 126637	12.8	4
63	Assessing the unified airway hypothesis in children via transcriptional profiling of the airway epithelium. *Journal of Allergy and Clinical Immunology*, **2020**, 145, 1562-1573	11.5	9
62	The Evolving Landscape of e-Cigarettes: A Systematic Review of Recent Evidence. *Chest*, **2020**, 157, 1362-1390	5.3	51
61	Pharmacological ablation of the airway smooth muscle layer-Mathematical predictions of functional improvement in asthma. *Physiological Reports*, **2020**, 8, e14451	2.6	5
60	Response. *Chest*, **2020**, 158, 836-837	5.3	
59	Electronic cigarettes: A position statement from the Thoracic Society of Australia and New Zealand. *Respirology*, **2020**, 25, 1082-1089	3.6	12

58	Soy Biodiesel Exhaust is More Toxic than Mineral Diesel Exhaust in Primary Human Airway Epithelial Cells. *Environmental Science & Technology*, **2019**, 53, 11437-11446	10.3	7
57	Mechanical Abnormalities of the Airway Wall in Adult Mice After Intrauterine Growth Restriction. *Frontiers in Physiology*, **2019**, 10, 1073	4.6	6
56	Early-life exposure to electronic cigarettes: cause for concern. *Lancet Respiratory Medicine,the*, **2019**, 7, 985-992	35.1	10
55	Maternal high fat diet compromises survival and modulates lung development of offspring, and impairs lung function of dams (female mice). *Respiratory Research*, **2019**, 20, 21	7.3	6
54	Confounding Effects of Gavage in Mice: Impaired Respiratory Structure and Function. *American Journal of Respiratory Cell and Molecular Biology*, **2019**, 61, 791-794	5.7	
53	Nicotine and other potentially harmful compounds in "nicotine-free" e-cigarette liquids in Australia. *Medical Journal of Australia*, **2019**, 210, 127-128	4	22
52	Effects of human rhinovirus on epithelial barrier integrity and function in children with asthma. *Clinical and Experimental Allergy*, **2018**, 48, 513-524	4.1	43
51	Independent and combined effects of airway remodelling and allergy on airway responsiveness. *Clinical Science*, **2018**, 132, 327-338	6.5	13
50	Foetal growth restriction in mice modifies postnatal airway responsiveness in an age and sex-dependent manner. *Clinical Science*, **2018**, 132, 273-284	6.5	15
49	Visualisation of Multiple Tight Junctional Complexes in Human Airway Epithelial Cells. *Biological Procedures Online*, **2018**, 20, 3	8.3	17
48	Fragranced consumer products: effects on asthmatic Australians. *Air Quality, Atmosphere and Health*, **2018**, 11, 365-371	5.6	11
47	Transplacental immune modulation with a bacterial-derived agent protects against allergic airway inflammation. *Journal of Clinical Investigation*, **2018**, 128, 4856-4869	15.9	16
46	Increased heterogeneity of airway calibre in adult rats after hypoxia-induced intrauterine growth restriction. *Respirology*, **2017**, 22, 1329-1335	3.6	12
45	The effects of electronic cigarette aerosol exposure on inflammation and lung function in mice. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2017**, 313, L67-L79	5.8	69
44	Comment on "Long-Term Effects of Diesel Exhaust Particles on Airway Inflammation and Remodeling in a Mouse Model" by Kim et al. *Allergy, Asthma and Immunology Research*, **2017**, 9, 185-186	5.3	1
43	Reply to "Letter to the Editor: The effects of electronic cigarette aerosol exposure on inflammation and lung function in mice". *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2017**, 313, L970-L971	5.8	1
42	Optical coherence tomography-based contact indentation for diaphragm mechanics in a mouse model of transforming growth factor alpha induced lung disease. *Scientific Reports*, **2017**, 7, 1517	4.9	4
41	Vitamin D supplementation of initially vitamin D-deficient mice diminishes lung inflammation with limited effects on pulmonary epithelial integrity. *Physiological Reports*, **2017**, 5, e13371	2.6	17

40	Early life rhinovirus infection exacerbates house-dust-mite induced lung disease more severely in female mice. *Experimental Lung Research*, **2016**, 42, 24-36	2.3	5
39	Effect of human rhinovirus infection on airway epithelium tight junction protein disassembly and transepithelial permeability. *Experimental Lung Research*, **2016**, 42, 380-395	2.3	19
38	Biodiesel exhaust-induced cytotoxicity and proinflammatory mediator production in human airway epithelial cells. *Environmental Toxicology*, **2016**, 31, 44-57	4.2	22
37	Biodiesel exhaust: the need for a systematic approach to health effects research. *Respirology*, **2015**, 20, 1034-45	3.6	22
36	The effect of diesel exhaust exposure on blood-brain barrier integrity and function in a murine model. *Journal of Applied Toxicology*, **2015**, 35, 41-7	4.1	22
35	Influence of gestational age on dead space and alveolar ventilation in preterm infants ventilated with volume guarantee. *Neonatology*, **2015**, 107, 43-9	4	10
34	Rhinovirus exacerbates house-dust-mite induced lung disease in adult mice. *PLoS ONE*, **2014**, 9, e92163	3.7	23
33	Persistent and compartmentalised disruption of dendritic cell subpopulations in the lung following influenza A virus infection. *PLoS ONE*, **2014**, 9, e111520	3.7	9
32	Route of exposure alters inflammation and lung function responses to diesel exhaust. *Inhalation Toxicology*, **2014**, 26, 409-18	2.7	15
31	House dust mite induced lung inflammation does not alter circulating vitamin D levels. *PLoS ONE*, **2014**, 9, e112589	3.7	4
30	In utero exposure to low dose arsenic via drinking water impairs early life lung mechanics in mice. *BMC Pharmacology & Toxicology*, **2013**, 14, 13	2.6	25
29	Comment on "Regional particle size dependent deposition of inhaled aerosols in rats and mice" by Kuehl et al. *Inhalation Toxicology*, **2013**, 25, 606-7	2.7	1
28	Acute diesel exhaust particle exposure increases viral titre and inflammation associated with existing influenza infection, but does not exacerbate deficits in lung function. *Influenza and Other Respiratory Viruses*, **2013**, 7, 701-9	5.6	9
27	The influence of moving walls on respiratory aerosol deposition modelling. *Journal of Aerosol Science*, **2013**, 64, 48-59	4.3	22
26	In utero exposure to arsenic alters lung development and genes related to immune and mucociliary function in mice. *Environmental Health Perspectives*, **2013**, 121, 244-50	8.4	33
25	Early life arsenic exposure and acute and long-term responses to influenza A infection in mice. *Environmental Health Perspectives*, **2013**, 121, 1187-93	8.4	39
24	Factors influencing the assessment of lung function in mice with influenza-induced lung disease. *Influenza and Other Respiratory Viruses*, **2013**, 7, 889-94	5.6	2
23	Defective aeroallergen surveillance by airway mucosal dendritic cells as a determinant of risk for persistent airways hyper-responsiveness in experimental asthma. *Mucosal Immunology*, **2012**, 5, 332-41	9.2	18

22	Sensitizing and Th2 adjuvant activity of cysteine protease allergens. *International Archives of Allergy and Immunology*, **2012**, 158, 347-58	3.7	29
21	The mechanism of deep inspiration-induced bronchoprotection: evidence from a mouse model. *European Respiratory Journal*, **2012**, 40, 982-9	13.6	10
20	Sexual dimorphism in lung function responses to acute influenza A infection. *Influenza and Other Respiratory Viruses*, **2011**, 5, 334-42	5.6	50
19	Self-citation: comparison between Radiology, European Radiology and Radiology for 1997–1998. *Scientometrics*, **2011**, 87, 347-356	3	4
18	Physiological and inflammatory responses in an anthropomorphically relevant model of acute diesel exhaust particle exposure are sex and dose-dependent. *Inhalation Toxicology*, **2011**, 23, 906-17	2.7	17
17	In utero cigarette smoke exposure impairs somatic and lung growth in BALB/c mice. *European Respiratory Journal*, **2011**, 38, 932-8	13.6	23
16	Boosting airway T-regulatory cells by gastrointestinal stimulation as a strategy for asthma control. *Mucosal Immunology*, **2011**, 4, 43-52	9.2	53
15	No role for neutrophil elastase in influenza-induced cellular recruitment, cytokine production or airway hyperresponsiveness in mice. *Respiratory Physiology and Neurobiology*, **2010**, 173, 164-70	2.8	6
14	Airway hyperresponsiveness is associated with activated CD4+ T cells in the airways. *American Journal of Physiology - Lung Cellular and Molecular Physiology*, **2009**, 297, L373-9	5.8	17
13	Ovalbumin-sensitized mice are good models for airway hyperresponsiveness but not acute physiological responses to allergen inhalation. *Clinical and Experimental Allergy*, **2008**, 38, 829-38	4.1	54
12	Acute Influenza A infection induces bronchial hyper-responsiveness in mice. *Respiratory Physiology and Neurobiology*, **2008**, 162, 190-6	2.8	17
11	Absence of cholinergic airway tone in normal BALB/c mice. *Respiratory Physiology and Neurobiology*, **2008**, 161, 223-9	2.8	9
10	The bimodal quasi-static and dynamic elastance of the murine lung. *Journal of Applied Physiology*, **2008**, 105, 685-92	3.7	38
9	Effect of season on thermoregulation, metabolism and ventilation of the southern brown bandicoot Isoodon obesulus (Marsupialia: Peramelidae). *Journal of Experimental Zoology*, **2008**, 309, 175-83		3
8	Metabolic and ventilatory physiology of the Barrow Island golden bandicoot (Isoodon auratus barrowensis) and the northern brown bandicoot (Isoodon macrourus). *Journal of Thermal Biology*, **2008**, 33, 337-344	2.9	4
7	Suppression of the asthmatic phenotype by ultraviolet B-induced, antigen-specific regulatory cells. *Clinical and Experimental Allergy*, **2007**, 37, 1267-76	4.1	51
6	Effects of long-term captivity on thermoregulation, metabolism and ventilation of the southern brown bandicoot (Marsupialia: Peramelidae). *Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology*, **2007**, 177, 229-36	2.2	10
5	Thermoregulatory, metabolic and ventilatory physiology of the eastern barred bandicoot (Perameles gunnii). *Australian Journal of Zoology*, **2006**, 54, 9	0.5	14

4	Environmental correlates of physiological variables in marsupials. *Physiological and Biochemical Zoology*, **2006**, 79, 437-53	2	84
3	Thermoregulatory, metabolic and ventilatory physiology of the western barred bandicoot (Perameles bougainville bougainville) in summer and winter. *Australian Journal of Zoology*, **2006**, 54, 15	0.5	11
2	The parasympathetic nervous system and its influence on heart rate in torpid western pygmy possums, Cercatetus concinnus (Marsupialia: Burramyidae). *Zoology*, **2003**, 106, 143-50	1.7	15
1	Effects of temperature on metabolism, ventilation, and oxygen extraction in the southern brown bandicoot Isoodon obesulus (Marsupialia: Peramelidae). *Physiological and Biochemical Zoology*, **2002**, 75, 405-11	2	31