

# Alexander N Larcombe

## List of Publications by Year in descending order

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Version: 2024-02-01

85  
papers

1,736  
citations

279798

23  
h-index

330143

37  
g-index

90  
all docs

90  
docs citations

90  
times ranked

2432  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical analysis of fresh and aged Australian e-cigarette liquids. Medical Journal of Australia, 2022, 216, 27-32.	1.7	28
2	Long-term exposure of mice to 890 ppm atmospheric CO <sub>2</sub> alters growth trajectories and elicits hyperactive behaviours in young adulthood. Journal of Physiology, 2022, 600, 1439-1453.	2.9	5
3	What doctors should consider before prescribing e-liquids for e-cigarettes. Medical Journal of Australia, 2022, 216, 14-16.	1.7	3
4	Exacerbation of chronic cigarette-smoke induced lung disease by rhinovirus in mice. Respiratory Physiology and Neurobiology, 2022, 298, 103846.	1.6	1
5	Azithromycin inhibits mucin secretion, mucous metaplasia, airway inflammation, and airways hyperresponsiveness in mice exposed to house dust mite extract. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L683-L698.	2.9	5
6	Toxicity of different biodiesel exhausts in primary human airway epithelial cells grown at air-liquid interface. Science of the Total Environment, 2022, 832, 155016.	8.0	8
7	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.	4.9	12
8	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.	6.0	14
9	Exposomes and metabolic health through a physical activity lens: a narrative review. Journal of Endocrinology, 2021, 249, R25-R41.	2.6	7
10	IRF7-Associated Immunophenotypes Have Dichotomous Responses to Virus/Allergen Coexposure and OM-85-Induced Reprogramming. Frontiers in Immunology, 2021, 12, 699633.	4.8	4
11	Previous Influenza Infection Exacerbates Allergen Specific Response and Impairs Airway Barrier Integrity in Pre-Sensitized Mice. International Journal of Molecular Sciences, 2021, 22, 8790.	4.1	5
12	Phage Therapy for Multi-Drug Resistant Respiratory Tract Infections. Viruses, 2021, 13, 1809.	3.3	15
13	Fuel feedstock determines biodiesel exhaust toxicity in a human airway epithelial cell exposure model. Journal of Hazardous Materials, 2021, 420, 126637.	12.4	8
14	In Vitro primary human airway epithelial whole exhaust exposure. MethodsX, 2021, 8, 101561.	1.6	3
15	Pharmacological ablation of the airway smooth muscle layer—Mathematical predictions of functional improvement in asthma. Physiological Reports, 2020, 8, e14451.	1.7	13
16	Response. Chest, 2020, 158, 836-837.	0.8	0
17	Electronic cigarettes: A position statement from the Thoracic Society of Australia and New Zealand*. Respiriology, 2020, 25, 1082-1089.	2.3	23
18	Assessing the unified airway hypothesis in children via transcriptional profiling of the airway epithelium. Journal of Allergy and Clinical Immunology, 2020, 145, 1562-1573.	2.9	35

#	ARTICLE	IF	CITATIONS
19	The Evolving Landscape of e-Cigarettes. <i>Chest</i> , 2020, 157, 1362-1390.	0.8	109
20	Early-life exposure to electronic cigarettes: cause for concern. <i>Lancet Respiratory Medicine</i> , 2019, 7, 985-992.	10.7	18
21	Soy Biodiesel Exhaust is More Toxic than Mineral Diesel Exhaust in Primary Human Airway Epithelial Cells. <i>Environmental Science &amp; Technology</i> , 2019, 53, 11437-11446.	10.0	11
22	Mechanical Abnormalities of the Airway Wall in Adult Mice After Intrauterine Growth Restriction. <i>Frontiers in Physiology</i> , 2019, 10, 1073.	2.8	9
23	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.	3.6	14
24	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.	2.9	4
25	Nicotine and other potentially harmful compounds in "nicotine-free" e-cigarette liquids in Australia. <i>Medical Journal of Australia</i> , 2019, 210, 127-128.	1.7	45
26	Effects of human rhinovirus on epithelial barrier integrity and function in children with asthma. <i>Clinical and Experimental Allergy</i> , 2018, 48, 513-524.	2.9	63
27	Independent and combined effects of airway remodelling and allergy on airway responsiveness. <i>Clinical Science</i> , 2018, 132, 327-338.	4.3	20
28	Foetal growth restriction in mice modifies postnatal airway responsiveness in an age and sex-dependent manner. <i>Clinical Science</i> , 2018, 132, 273-284.	4.3	24
29	Visualisation of Multiple Tight Junctional Complexes in Human Airway Epithelial Cells. <i>Biological Procedures Online</i> , 2018, 20, 3.	2.9	27
30	Fragranced consumer products: effects on asthmatic Australians. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 365-371.	3.3	12
31	Transplacental immune modulation with a bacterial-derived agent protects against allergic airway inflammation. <i>Journal of Clinical Investigation</i> , 2018, 128, 4856-4869.	8.2	27
32	Increased heterogeneity of airway calibre in adult rats after hypoxia-induced intrauterine growth restriction. <i>Respirology</i> , 2017, 22, 1329-1335.	2.3	14
33	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.	2.9	109
34	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.	3.3	5
35	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.	1.7	27
36	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.	2.9	1

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37	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.	2.9	3
38	Transforming growth factor alpha produces airway remodelling and reduces airway distensibility. , 2017, , .		0
39	Early life rhinovirus infection exacerbates house-dust-mite induced lung disease more severely in female mice. Experimental Lung Research, 2016, 42, 24-36.	1.2	5
40	Effect of human rhinovirus infection on airway epithelium tight junction protein disassembly and transepithelial permeability. Experimental Lung Research, 2016, 42, 380-395.	1.2	26
41	Biodiesel exhaust-induced cytotoxicity and proinflammatory mediator production in human airway epithelial cells. Environmental Toxicology, 2016, 31, 44-57.	4.0	30
42	Effect of prenatal hypoxia-induced growth restriction on lung structure in adult rats. , 2016, , .		0
43	Biodiesel exhaust: The need for a systematic approach to health effects research. Respirology, 2015, 20, 1034-1045.	2.3	25
44	The effect of diesel exhaust exposure on blood-brain barrier integrity and function in a murine model. Journal of Applied Toxicology, 2015, 35, 41-47.	2.8	30
45	Influence of Gestational Age on Dead Space and Alveolar Ventilation in Preterm Infants Ventilated with Volume Guarantee. Neonatology, 2015, 107, 43-49.	2.0	14
46	Transforming growth factor alpha expression in a transgenic mouse model impairs lung and diaphragm mechanics. , 2015, , .		0
47	Transforming growth factor alpha increases extracellular matrix within the airway smooth muscle layer in a transgenic mouse model of airway disease. , 2015, , .		0
48	Rhinovirus Exacerbates House-Dust-Mite Induced Lung Disease in Adult Mice. PLoS ONE, 2014, 9, e92163.	2.5	25
49	Persistent and Compartmentalised Disruption of Dendritic Cell Subpopulations in the Lung following Influenza A Virus Infection. PLoS ONE, 2014, 9, e111520.	2.5	15
50	Route of exposure alters inflammation and lung function responses to diesel exhaust. Inhalation Toxicology, 2014, 26, 409-418.	1.6	18
51	House Dust Mite Induced Lung Inflammation Does Not Alter Circulating Vitamin D Levels. PLoS ONE, 2014, 9, e112589.	2.5	4
52	In utero exposure to low dose arsenic via drinking water impairs early life lung mechanics in mice. BMC Pharmacology & Toxicology, 2013, 14, 13.	2.4	34
53	Comment on "Regional particle size dependent deposition of inhaled aerosols in rats and mice" by Kuehl et al.. Inhalation Toxicology, 2013, 25, 606-607.	1.6	1
54	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, 701-709.	3.4	10

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55	The influence of moving walls on respiratory aerosol deposition modelling. <i>Journal of Aerosol Science</i> , 2013, 64, 48-59.	3.8	29
56	<i>In Utero</i> Exposure to Arsenic Alters Lung Development and Genes Related to Immune and Mucociliary Function in Mice. <i>Environmental Health Perspectives</i> , 2013, 121, 244-250.	6.0	38
57	Early Life Arsenic Exposure and Acute and Long-term Responses to Influenza A Infection in Mice. <i>Environmental Health Perspectives</i> , 2013, 121, 1187-1193.	6.0	46
58	Factors influencing the assessment of lung function in mice with influenza-induced lung disease. <i>Influenza and Other Respiratory Viruses</i> , 2013, 7, 889-894.	3.4	3
59	Sensitizing and Th2 Adjuvant Activity of Cysteine Protease Allergens. <i>International Archives of Allergy and Immunology</i> , 2012, 158, 347-358.	2.1	32
60	The mechanism of deep inspiration-induced bronchoprotection: evidence from a mouse model. <i>European Respiratory Journal</i> , 2012, 40, 982-989.	6.7	12
61	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, 332-341.	6.0	21
62	Stepwise Changes In Lung Function And Growth With Age In Mice. , 2011, , .		0
63	Barrier Integrity Compromization As An Intrinsically Abnormal Process In Asthmatic Epithelium Independent Of Atopy. , 2011, , .		0
64	Acute Diesel Exhaust Particle Exposure Increases Viral Titre Associated With Influenza But Does Not Exacerbate Inflammation Or Deficits In Baseline Lung Function. , 2011, , .		0
65	Sexual dimorphism in lung function responses to acute influenza A infection. <i>Influenza and Other Respiratory Viruses</i> , 2011, 5, 334-342.	3.4	65
66	Self-citation: comparison between Radiology, <i>European Radiology</i> and <i>Radiology</i> for 1997-1998. <i>Scientometrics</i> , 2011, 87, 347-356.	3.0	6
67	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, 906-917.	1.6	18
68	In utero cigarette smoke exposure impairs somatic and lung growth in BALB/c mice. <i>European Respiratory Journal</i> , 2011, 38, 932-938.	6.7	28
69	Boosting airway T-regulatory cells by gastrointestinal stimulation as a strategy for asthma control. <i>Mucosal Immunology</i> , 2011, 4, 43-52.	6.0	74
70	Early Life Exposure To Arsenic And Influenza Has Additive Effects On Lung Function Impairment. , 2010, , .		0
71	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, 164-170.	1.6	7
72	Airway hyperresponsiveness is associated with activated CD4 <sup>+</sup> T cells in the airways. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2009, 297, L373-L379.	2.9	23

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73	Effect of season on thermoregulation, metabolism and ventilation of the southern brown bandicoot ( <i>Isoodon obesulus</i> ) (Marsupialia: Peramelidae). <i>Journal of Experimental Zoology</i> , 2008, 309A, 175-183.	1.2	3
74	Metabolic and ventilatory physiology of the Barrow Island golden bandicoot ( <i>Isoodon auratus</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707</i> 2008, 33, 337-344.	2.5	4
75	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, 829-838.	2.9	57
76	Acute Influenza A infection induces bronchial hyper-responsiveness in mice. <i>Respiratory Physiology and Neurobiology</i> , 2008, 162, 190-196.	1.6	19
77	Absence of cholinergic airway tone in normal BALB/c mice. <i>Respiratory Physiology and Neurobiology</i> , 2008, 161, 223-229.	1.6	9
78	The bimodal quasi-static and dynamic elastance of the murine lung. <i>Journal of Applied Physiology</i> , 2008, 105, 685-692.	2.5	42
79	Suppression of the asthmatic phenotype by ultraviolet B-induced, antigen-specific regulatory cells. <i>Clinical and Experimental Allergy</i> , 2007, 37, 1267-1276.	2.9	59
80	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, 229-236.	1.5	11
81	Environmental Correlates of Physiological Variables in Marsupials. <i>Physiological and Biochemical Zoology</i> , 2006, 79, 437-453.	1.5	89
82	Thermoregulatory, metabolic and ventilatory physiology of the western barred bandicoot ( <i>Perameles</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 707</i> 1.9 11	1.9	11
83	Thermoregulatory, metabolic and ventilatory physiology of the eastern barred bandicoot ( <i>Perameles</i> ) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 707</i> 1.0 14	1.0	14
84	The parasympathetic nervous system and its influence on heart rate in torpid western pygmy possums, <i>Cercartetus concinnus</i> (Marsupialia: Burramyidae). <i>Zoology</i> , 2003, 106, 143-150.	1.2	16
85	Effects of Temperature on Metabolism, Ventilation, and Oxygen Extraction in the Southern Brown Bandicoot <i>Isoodon obesulus</i> (Marsupialia: Peramelidae). <i>Physiological and Biochemical Zoology</i> , 2002, 75, 405-411.	1.5	32