Alexander N Larcombe

List of Publications by Year
in descending order

85	1,736	279798	330143
papers	citations	23 h-index	37 g-index

90	90	90	2432
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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.	2.9	109
2	The Evolving Landscape of e-Cigarettes. Chest, 2020, 157, 1362-1390.	0.8	109
3	Environmental Correlates of Physiological Variables in Marsupials. Physiological and Biochemical Zoology, 2006, 79, 437-453.	1.5	89
4	Boosting airway T-regulatory cells by gastrointestinal stimulation as a strategy for asthma control. Mucosal Immunology, 2011, 4, 43-52.	6.0	74
5	Sexual dimorphism in lung function responses to acute influenza A infection. Influenza and Other Respiratory Viruses, 2011, 5, 334-342.	3.4	65
6	Effects of human rhinovirus on epithelial barrier integrity and function in children with asthma. Clinical and Experimental Allergy, 2018, 48, 513-524.	2.9	63
7	Suppression of the asthmatic phenotype by ultraviolet Bâ€induced, antigenâ€specific regulatory cells. Clinical and Experimental Allergy, 2007, 37, 1267-1276.	2.9	59
8	Ovalbuminâ€sensitized mice are good models for airway hyperresponsiveness but not acute physiological responses to allergen inhalation. Clinical and Experimental Allergy, 2008, 38, 829-838.	2.9	57
9	Early Life Arsenic Exposure and Acute and Long-term Responses to Influenza A Infection in Mice. Environmental Health Perspectives, 2013, 121, 1187-1193.	6.0	46
10	Nicotine and other potentially harmful compounds in â€œnicotineâ€freeâ€•eâ€cigarette liquids in Australia. Medical Journal of Australia, 2019, 210, 127-128.	1.7	45
11	The bimodal quasi-static and dynamic elastance of the murine lung. Journal of Applied Physiology, 2008, 105, 685-692.	2.5	42
12	In Utero Exposure to Arsenic Alters Lung Development and Genes Related to Immune and Mucociliary Function in Mice. Environmental Health Perspectives, 2013, 121, 244-250.	6.0	38
13	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
14	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
15	Effects of Temperature on Metabolism, Ventilation, and Oxygen Extraction in the Southern Brown BandicootIsoodon obesulus(Marsupialia: Peramelidae). Physiological and Biochemical Zoology, 2002, 75, 405-411.	1.5	32
16	Sensitizing and Th2 Adjuvant Activity of Cysteine Protease Allergens. International Archives of Allergy and Immunology, 2012, 158, 347-358.	2.1	32
17	The effect of diesel exhaust exposure on bloodâ€“brain barrier integrity and function in a murine model. Journal of Applied Toxicology, 2015, 35, 41-47.	2.8	30
18	Biodiesel exhaustâ€“induced cytotoxicity and proinflammatory mediator production in human airway epithelial cells. Environmental Toxicology, 2016, 31, 44-57.	4.0	30

#	Article	IF	Citations
19	The influence of moving walls on respiratory aerosol deposition modelling. Journal of Aerosol Science, 2013, 64, 48-59.	3.8	29
20	In utero cigarette smoke exposure impairs somatic and lung growth in BALB/c mice. European Respiratory Journal, 2011, 38, 932-938.	6.7	28
21	Chemical analysis of fresh and aged Australian eâ€cigarette liquids. Medical Journal of Australia, 2022, 216, 27-32.	1.7	28
22	Vitamin D supplementation of initially vitamin D-deficient mice diminishes lung inflammation with limited effects on pulmonary epithelial integrity. Physiological Reports, 2017, 5, e13371.	1.7	27
23	Visualisation of Multiple Tight Junctional Complexes in Human Airway Epithelial Cells. Biological Procedures Online, 2018, 20, 3.	2.9	27
24	Transplacental immune modulation with a bacterial-derived agent protects against allergic airway inflammation. Journal of Clinical Investigation, 2018, 128, 4856-4869.	8.2	27
25	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
26	Rhinovirus Exacerbates House-Dust-Mite Induced Lung Disease in Adult Mice. PLoS ONE, 2014, 9, e92163.	2.5	25
27	Biodiesel exhaust: The need for a systematic approach to health effects research. Respirology, 2015, 20, 1034-1045.	2.3	25
28	Foetal growth restriction in mice modifies postnatal airway responsiveness in an age and sex-dependent manner. Clinical Science, 2018, 132, 273-284.	4.3	24
29	Airway hyperresponsiveness is associated with activated CD4⁺ T cells in the airways. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2009, 297, L373-L379.	2.9	23
30	Electronic cigarettes: A position statement from the Thoracic Society of Australia and New Zealand*. Respirology, 2020, 25, 1082-1089.	2.3	23
31	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, 332-341.	6.0	21
32	Independent and combined effects of airway remodelling and allergy on airway responsiveness. Clinical Science, 2018, 132, 327-338.	4.3	20
33	Acute Influenza A infection induces bronchial hyper-responsiveness in mice. Respiratory Physiology and Neurobiology, 2008, 162, 190-196.	1.6	19
34	Physiological and inflammatory responses in an anthropomorphically relevant model of acute diesel exhaust particle exposure are sex and dose-dependent. Inhalation Toxicology, 2011, 23, 906-917.	1.6	18
35	Route of exposure alters inflammation and lung function responses to diesel exhaust. Inhalation Toxicology, 2014, 26, 409-418.	1.6	18
36	Early-life exposure to electronic cigarettes: cause for concern. Lancet Respiratory Medicine,the, 2019, 7, 985-992.	10.7	18

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37	The parasympathetic nervous system and its influence on heart rate in torpid western pygmy possums, Cercatetus concinnus (Marsupialia: Burramyidae). Zoology, 2003, 106, 143-150.	1.2	16
38	Persistent and Compartmentalised Disruption of Dendritic Cell Subpopulations in the Lung following Influenza A Virus Infection. PLoS ONE, 2014, 9, e111520.	2.5	15
39	Phage Therapy for Multi-Drug Resistant Respiratory Tract Infections. Viruses, 2021, 13, 1809.	3.3	15
40	Thermoregulatory, metabolic and ventilatory physiology of the eastern barred bandicoot (Perameles) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.0	14
41	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
42	Increased heterogeneity of airway calibre in adult rats after hypoxiaâ€induced intrauterine growth restriction. Respirology, 2017, 22, 1329-1335.	2.3	14
43	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.	3.6	14
44	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
45	Pharmacological ablation of the airway smooth muscle layerâ€"Mathematical predictions of functional improvement in asthma. Physiological Reports, 2020, 8, e14451.	1.7	13
46	The mechanism of deep inspiration-induced bronchoprotection: evidence from a mouse model. European Respiratory Journal, 2012, 40, 982-989.	6.7	12
47	Fragranced consumer products: effects on asthmatic Australians. Air Quality, Atmosphere and Health, 2018, 11, 365-371.	3.3	12
48	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
49	Thermoregulatory, metabolic and ventilatory physiology of the western barred bandicoot (Perameles) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	11
50	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, 229-236.	1.5	11
51	Soy Biodiesel Exhaust is More Toxic than Mineral Diesel Exhaust in Primary Human Airway Epithelial Cells. Environmental Science & Technology, 2019, 53, 11437-11446.	10.0	11
52	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
53	Absence of cholinergic airway tone in normal BALB/c mice. Respiratory Physiology and Neurobiology, 2008, 161, 223-229.	1.6	9
54	Mechanical Abnormalities of the Airway Wall in Adult Mice After Intrauterine Growth Restriction. Frontiers in Physiology, 2019, 10, 1073.	2.8	9

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55	Fuel feedstock determines biodiesel exhaust toxicity in a human airway epithelial cell exposure model. Journal of Hazardous Materials, 2021, 420, 126637.	12.4	8
56	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
57	No role for neutrophil elastase in influenza-induced cellular recruitment, cytokine production or airway hyperresponsiveness in mice. Respiratory Physiology and Neurobiology, 2010, 173, 164-170.	1.6	7
58	Exposomes and metabolic health through a physical activity lens: a narrative review. Journal of Endocrinology, 2021, 249, R25-R41.	2.6	7
59	Self-citation: comparison between Radiology, European Radiology and Radiology for 1997â€“1998. Scientometrics, 2011, 87, 347-356.	3.0	6
60	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
61	Optical coherence tomography-based contactÂindentationÂfor diaphragm mechanics in a mouse model of transforming growth factor alpha induced lung disease. Scientific Reports, 2017, 7, 1517.	3.3	5
62	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
63	Longâ€term exposure of mice to 890Âppm atmospheric CO₂ alters growth trajectories and elicits hyperactive behaviours in young adulthood. Journal of Physiology, 2022, 600, 1439-1453.	2.9	5
64	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
65	Metabolic and ventilatory physiology of the Barrow Island golden bandicoot (Isoodon auratus) Tj ETQq1 1 0.784314 rgBT /Overlock 10 2008, 33, 337-344.	2.5	4
66	Confounding Effects of Gavage in Mice: Impaired Respiratory Structure and Function. American Journal of Respiratory Cell and Molecular Biology, 2019, 61, 791-794.	2.9	4
67	IRF7-Associated Immunophenotypes Have Dichotomous Responses to Virus/Allergen Coexposure and OM-85-Induced Reprogramming. Frontiers in Immunology, 2021, 12, 699633.	4.8	4
68	House Dust Mite Induced Lung Inflammation Does Not Alter Circulating Vitamin D Levels. PLoS ONE, 2014, 9, e112589.	2.5	4
69	Effect of season on thermoregulation, metabolism and ventilation of the southern brown bandicoot Isoodon obesulus (Marsupialia: Peramelidae). Journal of Experimental Zoology, 2008, 309A, 175-183.	1.2	3
70	Factors influencing the assessment of lung function in mice with influenzaâ€induced lung disease. Influenza and Other Respiratory Viruses, 2013, 7, 889-894.	3.4	3
71	Reply to â€œLetter to the Editor: The effects of electronic cigarette aerosol exposure on inflammation and lung function in miceâ€. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 313, L970-L971.	2.9	3
72	In Vitro primary human airway epithelial whole exhaust exposure. MethodsX, 2021, 8, 101561.	1.6	3

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73	What doctors should consider before prescribing eâ€liquids for eâ€cigarettes. Medical Journal of Australia, 2022, 216, 14-16.	1.7	3
74	Comment on â€œRegional particle size dependent deposition of inhaled aerosols in rats and miceâ€•by Kuehl et al.. Inhalation Toxicology, 2013, 25, 606-607.	1.6	1
75	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.	2.9	1
76	Exacerbation of chronic cigarette-smoke induced lung disease by rhinovirus in mice. Respiratory Physiology and Neurobiology, 2022, 298, 103846.	1.6	1
77	Early Life Exposure To Arsenic And Influenza Has Additive Effects On Lung Function Impairment. , 2010, , .		0
78	Stepwise Changes In Lung Function And Growth With Age In Mice. , 2011, , .		0
79	Barrier Integrity Compromization As An Intrinsically Abnormal Process In Asthmatic Epithelium Independent Of Atopy. , 2011, , .		0
80	Acute Diesel Exhaust Particle Exposure Increases Viral Titre Associated With Influenza But Does Not Exacerbate Inflammation Or Deficits In Baseline Lung Function. , 2011, , .		0
81	Response. Chest, 2020, 158, 836-837.	0.8	0
82	Transforming growth factor alpha expression in a transgenic mouse model impairs lung and diaphragm mechanics. , 2015, , .		0
83	Transforming growth factor alpha increases extracellular matrix within the airway smooth muscle layer in a transgenic mouse model of airway disease. , 2015, , .		0
84	Effect of prenatal hypoxia-induced growth restriction on lung structure in adult rats. , 2016, , .		0
85	Transforming growth factor alpha produces airway remodelling and reduces airway distensibility. , 2017, , .		0