

Christopher Carlsten

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8356744/publications.pdf>

Version: 2024-02-01

145
papers

6,699
citations

53794

45
h-index

74163

75
g-index

145
all docs

145
docs citations

145
times ranked

9351
citing authors

#	ARTICLE	IF	CITATIONS
1	Respiratory disease associated with solid biomass fuel exposure in rural women and children: systematic review and meta-analysis. <i>Thorax</i> , 2011, 66, 232-239.	5.6	348
2	Ultrafine particles: unique physicochemical properties relevant to health and disease. <i>Experimental and Molecular Medicine</i> , 2020, 52, 318-328.	7.7	261
3	Associations of Ambient Air Pollution with Chronic Obstructive Pulmonary Disease Hospitalization and Mortality. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 721-727.	5.6	234
4	Effects of Interleukin-13 Blockade on Allergen-induced Airway Responses in Mild Atopic Asthma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1007-1014.	5.6	215
5	Air pollution and DNA methylation: effects of exposure in humans. <i>Clinical Epigenetics</i> , 2019, 11, 131.	4.1	202
6	Diesel Exhaust Inhalation Elicits Acute Vasoconstriction <i>in Vivo</i> . <i>Environmental Health Perspectives</i> , 2008, 116, 937-942.	6.0	193
7	An Air Filter Intervention Study of Endothelial Function among Healthy Adults in a Woodsmoke-impacted Community. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 183, 1222-1230.	5.6	185
8	Family history as a predictor of asthma risk. <i>American Journal of Preventive Medicine</i> , 2003, 24, 160-169.	3.0	184
9	Inflammatory health effects of indoor and outdoor particulate matter. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 833-844.	2.9	179
10	Patient-reported outcome measures after COVID-19: a prospective cohort study. <i>European Respiratory Journal</i> , 2020, 56, 2003276.	6.7	148
11	A prospective study of 12-week respiratory outcomes in COVID-19-related hospitalisations. <i>Thorax</i> , 2021, 76, 402-404.	5.6	146
12	Gene expression and <i>in situ</i> protein profiling of candidate SARS-CoV-2 receptors in human airway epithelial cells and lung tissue. <i>European Respiratory Journal</i> , 2020, 56, 2001123.	6.7	138
13	Efficacy and safety of multiple doses of QGE031 (ligelizumab) versus omalizumab and placebo in inhibiting allergen-induced early asthmatic responses. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1051-1059.	2.9	122
14	Outdoor Air Pollution and New-Onset Airway Disease. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2020, 17, 387-398.	3.2	120
15	Systematic evaluation of DNA methylation age estimation with common preprocessing methods and the Infinium MethylationEPIC BeadChip array. <i>Clinical Epigenetics</i> , 2018, 10, 123.	4.1	111
16	Progression from Asthma to Chronic Obstructive Pulmonary Disease. Is Air Pollution a Risk Factor?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2016, 194, 429-438.	5.6	110
17	Inhalation of diesel exhaust and allergen alters human bronchial epithelium DNA methylation. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 112-121.	2.9	110
18	Genome-Wide Interaction Analysis of Air Pollution Exposure and Childhood Asthma with Functional Follow-up. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1373-1383.	5.6	107

#	ARTICLE	IF	CITATIONS
19	Traffic-related air pollution and incident asthma in a high-risk birth cohort. <i>Occupational and Environmental Medicine</i> , 2011, 68, 291-295.	2.8	95
20	Atopic dermatitis in a high-risk cohort: natural history, associated allergic outcomes, and risk factors. <i>Annals of Allergy, Asthma and Immunology</i> , 2013, 110, 24-28.	1.0	94
21	Diesel exhaust augments allergen-induced lower airway inflammation in allergic individuals: a controlled human exposure study. <i>Thorax</i> , 2016, 71, 35-44.	5.6	93
22	COVID-19 as an occupational disease. <i>American Journal of Industrial Medicine</i> , 2021, 64, 227-237.	2.1	91
23	Short-term diesel exhaust inhalation in a controlled human crossover study is associated with changes in DNA methylation of circulating mononuclear cells in asthmatics. <i>Particle and Fibre Toxicology</i> , 2014, 11, 71.	6.2	85
24	MicroRNA Expression in Response to Controlled Exposure to Diesel Exhaust: Attenuation by the Antioxidant N-Acetylcysteine in a Randomized Crossover Study. <i>Environmental Health Perspectives</i> , 2013, 121, 670-675.	6.0	84
25	Personal strategies to minimise effects of air pollution on respiratory health: advice for providers, patients and the public. <i>European Respiratory Journal</i> , 2020, 55, 1902056.	6.7	84
26	From Good Intentions to Proven Interventions: Effectiveness of Actions to Reduce the Health Impacts of Air Pollution. <i>Environmental Health Perspectives</i> , 2011, 119, 29-36.	6.0	83
27	The Nucleotide-Binding Domain, Leucine-Rich Repeat Protein 3 Inflammasome/IL-1 Receptor I Axis Mediates Innate, but Not Adaptive, Immune Responses after Exposure to Particulate Matter under 10 μ m. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2015, 52, 96-105.	2.9	79
28	Interplay of air pollution and asthma immunopathogenesis: A focused review of diesel exhaust and ozone. <i>International Immunopharmacology</i> , 2014, 23, 347-355.	3.8	78
29	Effects of diesel exhaust inhalation on heart rate variability in human volunteers. <i>Environmental Research</i> , 2008, 107, 178-184.	7.5	76
30	Mechanistic link between diesel exhaust particles and respiratory reflexes. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 1074-1084.e9.	2.9	75
31	Childhood allergic rhinitis, traffic-related air pollution, and variability in the GSTP1, TNF, TLR2, and TLR4 genes: Results from the TAG Study. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 342-352.e2.	2.9	70
32	GSTP1 and TNF Gene Variants and Associations between Air Pollution and Incident Childhood Asthma: The Traffic, Asthma and Genetics (TAG) Study. <i>Environmental Health Perspectives</i> , 2014, 122, 418-424.	6.0	67
33	The impacts of traffic-related and woodsmoke particulate matter on measures of cardiovascular health: a HEPA filter intervention study. <i>Occupational and Environmental Medicine</i> , 2015, 72, 394-400.	2.8	67
34	Controlled diesel exhaust and allergen coexposure modulates microRNA and gene expression in humans: Effects on inflammatory lung markers. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1690-1700.	2.9	67
35	Coagulation markers in healthy human subjects exposed to diesel exhaust. <i>Thrombosis Research</i> , 2007, 120, 849-855.	1.7	64
36	An update on immunologic mechanisms in the respiratory mucosa in response to air pollutants. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 1989-2001.	2.9	63

#	ARTICLE	IF	CITATIONS
37	A longitudinal analysis of associations between traffic-related air pollution with asthma, allergies and sensitization in the GINIplus and LISAplus birth cohorts. <i>PeerJ</i> , 2013, 1, e193.	2.0	62
38	A randomized cross-over study of inhalation of diesel exhaust, hematological indices, and endothelial markers in humans. <i>Particle and Fibre Toxicology</i> , 2013, 10, 7.	6.2	58
39	Defining the Scope of Exposome Studies and Research Needs from a Multidisciplinary Perspective. <i>Environmental Science and Technology Letters</i> , 2021, 8, 839-852.	8.7	55
40	Air pollution, genetics, and allergy. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2012, 12, 455-461.	2.3	54
41	Potential for Genetics to Promote Public Health. <i>JAMA - Journal of the American Medical Association</i> , 2006, 296, 2480.	7.4	52
42	A Dose-Response Study of Acetazolamide for Acute Mountain Sickness Prophylaxis in Vacationing Tourists at 12,000 Feet (3630 m). <i>High Altitude Medicine and Biology</i> , 2004, 5, 33-39.	0.9	50
43	The effect of pre-exercise diesel exhaust exposure on cycling performance and cardio-respiratory variables. <i>Inhalation Toxicology</i> , 2012, 24, 783-789.	1.6	48
44	Anti-Oxidant N-Acetylcysteine Diminishes Diesel Exhaust-Induced Increased Airway Responsiveness in Person with Airway Hyper-Reactivity. <i>Toxicological Sciences</i> , 2014, 139, 479-487.	3.1	48
45	The Air Pollution Exposure Laboratory (APEL) for controlled human exposure to diesel exhaust and other inhalants: characterization and comparison to existing facilities. <i>Inhalation Toxicology</i> , 2011, 23, 219-225.	1.6	45
46	Physiological Responses to Diesel Exhaust Exposure Are Modified by Cycling Intensity. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1999-2006.	0.4	45
47	Respiratory Impacts of Wildland Fire Smoke: Future Challenges and Policy Opportunities. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2021, 18, 921-930.	3.2	44
48	Indoor allergen exposure, sensitization, and development of asthma in a high-risk birth cohort. <i>Pediatric Allergy and Immunology</i> , 2010, 21, e740-e746.	2.6	42
49	Genes, the environment and personalized medicine. <i>EMBO Reports</i> , 2014, 15, 736-739.	4.5	42
50	Particle Depletion Does Not Remediate Acute Effects of Traffic-related Air Pollution and Allergen. A Randomized, Double-Blind Crossover Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 200, 565-574.	5.6	42
51	Comparison of weighting approaches for genetic risk scores in gene-environment interaction studies. <i>BMC Genetics</i> , 2017, 18, 115.	2.7	41
52	The pulmonary and autonomic effects of high-intensity and low-intensity exercise in diesel exhaust. <i>Environmental Health</i> , 2018, 17, 87.	4.0	40
53	Effect of diesel exhaust inhalation on blood markers of inflammation and neurotoxicity: a controlled, blinded crossover study. <i>Inhalation Toxicology</i> , 2016, 28, 145-153.	1.6	39
54	Concentration-dependent health effects of air pollution in controlled human exposures. <i>Environment International</i> , 2021, 150, 106424.	10.0	39

#	ARTICLE	IF	CITATIONS
55	Acute air pollution exposure alters neutrophils in never-smokers and at-risk humans. <i>European Respiratory Journal</i> , 2020, 55, 1901495.	6.7	38
56	Gene expression analysis in asthma using a targeted multiplex array. <i>BMC Pulmonary Medicine</i> , 2017, 17, 189.	2.0	36
57	Respiratory Health Effects of Ambient Air Pollution. <i>Clinics in Chest Medicine</i> , 2012, 33, 759-769.	2.1	35
58	The effect of low and high-intensity cycling in diesel exhaust on flow-mediated dilation, circulating NOx, endothelin-1 and blood pressure. <i>PLoS ONE</i> , 2018, 13, e0192419.	2.5	35
59	Urban particulate matter increases human airway epithelial cell IL-1 β secretion following scratch wounding and H1N1 influenza A exposure <i>in vitro</i> . <i>Experimental Lung Research</i> , 2015, 41, 353-362.	1.2	34
60	Atopic dermatitis: Interaction between genetic variants of <i>GSTP1</i> , <i>TNF</i> , <i>TLR2</i> , and <i>TLR4</i> and air pollution in early life. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 596-605.	2.6	33
61	Particulate matter exposure and health impacts of urban cyclists: a randomized crossover study. <i>Environmental Health</i> , 2018, 17, 78.	4.0	33
62	Childhood intermittent and persistent rhinitis prevalence and climate and vegetation: a global ecologic analysis. <i>Annals of Allergy, Asthma and Immunology</i> , 2014, 113, 386-392.e9.	1.0	31
63	Inhaled diesel exhaust alters the allergen-induced bronchial secretome in humans. <i>European Respiratory Journal</i> , 2018, 51, 1701385.	6.7	31
64	Modification by antioxidant supplementation of changes in human lung function associated with air pollutant exposure: A systematic review. <i>BMC Public Health</i> , 2011, 11, 532.	2.9	30
65	Traffic-related air pollution and allergic disease: an update in the context of global urbanization. <i>Current Opinion in Allergy and Clinical Immunology</i> , 2017, 17, 85-89.	2.3	30
66	Soluble Wood Smoke Extract Promotes Barrier Dysfunction in Alveolar Epithelial Cells through a MAPK Signaling Pathway. <i>Scientific Reports</i> , 2019, 9, 10027.	3.3	30
67	Elevated cord blood IgE is associated with recurrent wheeze and atopy at 7 years in a high risk cohort. <i>Pediatric Allergy and Immunology</i> , 2009, 20, 710-713.	2.6	29
68	Dibutyl Phthalate Augments Allergen-induced Lung Function Decline and Alters Human Airway Immunology. A Randomized Crossover Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 672-680.	5.6	29
69	Th17/Treg ratio derived using DNA methylation analysis is associated with the late phase asthmatic response. <i>Allergy, Asthma and Clinical Immunology</i> , 2014, 10, 32.	2.0	28
70	Environment, Global Climate Change, and Cardiopulmonary Health. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 718-724.	5.6	28
71	Morphometric analysis of inflammation in bronchial biopsies following exposure to inhaled diesel exhaust and allergen challenge in atopic subjects. <i>Particle and Fibre Toxicology</i> , 2015, 13, 2.	6.2	25
72	Association between endotoxin and mite allergen exposure with asthma and specific sensitization at age 7 in high-risk children. <i>Pediatric Allergy and Immunology</i> , 2011, 22, 320-326.	2.6	24

#	ARTICLE	IF	CITATIONS
73	Air pollution and resistance to inhaled glucocorticoids: Evidence, mechanisms and gaps to fill. , 2019, 194, 1-21.		23
74	Effect of GST variants on lung function following diesel exhaust and allergen co-exposure in a controlled human crossover study. Free Radical Biology and Medicine, 2016, 96, 385-391.	2.9	22
75	Inhibition of ABCC4 potentiates combination beta agonist and glucocorticoid responses in human airway epithelial cells. Journal of Allergy and Clinical Immunology, 2018, 141, 1127-1130.e5.	2.9	22
76	Dibutyl phthalate modulates phenotype of granulocytes in human blood in response to inflammatory stimuli. Toxicology Letters, 2018, 296, 23-30.	0.8	22
77	Performance Characteristics of Spirometry With Negative Bronchodilator Response and Methacholine Challenge Testing and Implications for Asthma Diagnosis. Chest, 2020, 158, 479-490.	0.8	21
78	The clear and persistent impact of air pollution on chronic respiratory diseases: a call for interventions. European Respiratory Journal, 2021, 57, 2002981.	6.7	21
79	Cotinine versus questionnaire: early-life environmental tobacco smoke exposure and incident asthma. BMC Pediatrics, 2012, 12, 187.	1.7	20
80	Symptoms in Response to Controlled Diesel Exhaust More Closely Reflect Exposure Perception Than True Exposure. PLoS ONE, 2013, 8, e83573.	2.5	20
81	Quantitative metabolic profiling of urinary eicosanoids for clinical phenotyping. Journal of Lipid Research, 2019, 60, 1164-1173.	4.2	20
82	Controlled human exposures to wood smoke: a synthesis of the evidence. Particle and Fibre Toxicology, 2020, 17, 49.	6.2	20
83	Controlled human exposure to diesel exhaust: results illuminate health effects of traffic-related air pollution and inform future directions. Particle and Fibre Toxicology, 2022, 19, 11.	6.2	20
84	Traffic, asthma and genetics: combining international birth cohort data to examine genetics as a mediator of traffic-related air pollution's impact on childhood asthma. European Journal of Epidemiology, 2013, 28, 597-606.	5.7	19
85	An Official American Thoracic Society Workshop Report: Presentations and Discussion of the Sixth Jack Pepys Workshop on Asthma in the Workplace. Annals of the American Thoracic Society, 2017, 14, 1361-1372.	3.2	19
86	Inhaled Diesel Exhaust Decreases the Antimicrobial Peptides α -Defensin and S100A7 in Human Bronchial Secretions. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 1358-1361.	5.6	19
87	Personal Interventions for Reducing Exposure and Risk for Outdoor Air Pollution: An Official American Thoracic Society Workshop Report. Annals of the American Thoracic Society, 2021, 18, 1435-1443.	3.2	19
88	Effect of controlled human exposure to diesel exhaust and allergen on airway surfactant protein D, myeloperoxidase and club (Clara) cell secretory protein 16. Clinical and Experimental Allergy, 2016, 46, 1206-1213.	2.9	18
89	Novel flow cytometry approach to identify bronchial epithelial cells from healthy human airways. Scientific Reports, 2017, 7, 42214.	3.3	18
90	Synergistic Environmental Exposures and the Airways Capturing Complexity in Humans. Chest, 2018, 154, 918-924.	0.8	17

#	ARTICLE	IF	CITATIONS
91	Changes in pulmonary function and patient-reported outcomes during COVID-19 recovery: a longitudinal, prospective cohort study. <i>ERJ Open Research</i> , 2021, 7, 00243-2021.	2.6	17
92	Air Pollution and Interstitial Lung Diseases: Defining Epigenomic Effects. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 1217-1224.	5.6	16
93	Air Pollution and Systemic Inflammation in Patients With Suspected OSA Living in an Urban Residential Area. <i>Chest</i> , 2020, 158, 1713-1722.	0.8	16
94	Expression of endocannabinoid system components in human airway epithelial cells: impact of sex and chronic respiratory disease status. <i>ERJ Open Research</i> , 2020, 6, 00128-2020.	2.6	16
95	Update in Environmental and Occupational Lung Diseases 2013. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1037-1043.	5.6	15
96	Associations between the 17q21 region and allergic rhinitis in 5 birth cohorts. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 135, 573-576.e5.	2.9	15
97	Air pollution and the respiratory microbiome. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 67-69.	2.9	15
98	The impact of comorbidities on productivity loss in asthma patients. <i>Respiratory Research</i> , 2016, 17, 106.	3.6	14
99	Ten-Eleven Translocation (TET) Enzymes Modulate the Activation of Dendritic Cells in Allergic Rhinitis. <i>Frontiers in Immunology</i> , 2019, 10, 2271.	4.8	13
100	Allergen inhalation generates pro-inflammatory oxidised phosphatidylcholine associated with airway dysfunction. <i>European Respiratory Journal</i> , 2021, 57, 2000839.	6.7	13
101	Airway hyperresponsiveness to methacholine in 7-year-old children: sensitivity and specificity for pediatric allergic asthma. <i>Pediatric Pulmonology</i> , 2011, 46, 175-178.	2.0	12
102	Acute diesel exhaust exposure and postural stability: a controlled crossover experiment. <i>Journal of Occupational Medicine and Toxicology</i> , 2018, 13, 2.	2.2	12
103	Particle depletion of diesel exhaust restores allergen-induced lung-protective surfactant protein D in human lungs. <i>Thorax</i> , 2020, 75, 640-647.	5.6	12
104	Squamous Cell Carcinoma of the Skin and Coal Tar Creosote Exposure in a Railroad Worker. <i>Environmental Health Perspectives</i> , 2005, 113, 96-97.	6.0	11
105	Predominant DNMT and TET mediate effects of allergen on the human bronchial epithelium in a controlled air pollution exposure study. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 147, 1671-1682.	2.9	11
106	Impact of Exposure to Diesel Exhaust on Inflammation Markers and Proteases in Former Smokers with Chronic Obstructive Pulmonary Disease: A Randomized, Double-blinded, Crossover Study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 1046-1052.	5.6	11
107	Vascular effects of physical activity are not modified by short-term inhaled diesel exhaust: Results of a controlled human exposure study. <i>Environmental Research</i> , 2020, 183, 109270.	7.5	10
108	When physical activity meets the physical environment: precision health insights from the intersection. <i>Environmental Health and Preventive Medicine</i> , 2021, 26, 68.	3.4	10

#	ARTICLE	IF	CITATIONS
109	Air pollution and asthma: how can a public health concern inform the care of individual patients?. <i>Annals of Allergy, Asthma and Immunology</i> , 2014, 113, 343-346.	1.0	9
110	Effects of low-intensity and high-intensity cycling with diesel exhaust exposure on soluble P-selectin, E-selectin, I-CAM-1, VCAM-1 and complete blood count. <i>BMJ Open Sport and Exercise Medicine</i> , 2019, 5, e000625.	2.9	9
111	Climate Change and Global Public Health. <i>Turk Toraks Dergisi</i> , 2013, 14, 115-122.	0.2	9
112	Respiratory Impairment and Systemic Inflammation in Cedar Asthmatics Removed from Exposure. <i>PLoS ONE</i> , 2013, 8, e57166.	2.5	8
113	Methylation of cysteinyl leukotriene receptor 1 genes associates with lung function in asthmatics exposed to traffic-related air pollution. <i>Epigenetics</i> , 2021, 16, 177-185.	2.7	8
114	Exposure to Diesel Exhaust and Plasma Cortisol Response: A Randomized Double-Blind Crossover Study. <i>Environmental Health Perspectives</i> , 2021, 129, 37701.	6.0	8
115	Better Together. <i>Chest</i> , 2022, 161, 382-388.	0.8	8
116	Risk-focused differences in molecular processes implicated in SARS-CoV-2 infection: corollaries in DNA methylation and gene expression. <i>Epigenetics and Chromatin</i> , 2021, 14, 54.	3.9	8
117	Safety of Sputum Induction With Hypertonic Saline Solution in Exercise-Induced Bronchoconstriction. <i>Chest</i> , 2007, 131, 1339-1344.	0.8	7
118	Asthma control and productivity loss in those with work-related asthma: A population-based study. <i>Journal of Asthma</i> , 2017, 54, 537-542.	1.7	7
119	Defining the effects of traffic-related air pollution on the human plasma proteome using an aptamer proteomic array: A dose-dependent increase in atherosclerosis-related proteins. <i>Environmental Research</i> , 2022, 209, 112803.	7.5	7
120	Diagnosis of Western Red Cedar Asthma Using a Blood-based Gene Expression Biomarker Panel. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1615-1617.	5.6	6
121	Airway and serum adipokines after allergen and diesel exposure in a controlled human crossover study of atopic adults. <i>Translational Research</i> , 2017, 182, 49-60.	5.0	6
122	Effect of fexofenadine hydrochloride on allergic rhinitis aggravated by air pollutants. <i>ERJ Open Research</i> , 2021, 7, 00806-2020.	2.6	6
123	Effects of Traffic-Related Air Pollution on Exercise Endurance, Dyspnea, and Cardiorespiratory Responses in Health and COPD. <i>Chest</i> , 2022, 161, 662-675.	0.8	6
124	Creating a provincial post COVID-19 interdisciplinary clinical care network as a learning health system during the pandemic: Integrating clinical care and research. <i>Learning Health Systems</i> , 2023, 7, .	2.0	6
125	Sputum adiponectin as a marker for western red cedar asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 1446-1448.e5.	2.9	5
126	Effects of environmental air pollutants on CFTR expression and function in human airway epithelial cells. <i>Toxicology in Vitro</i> , 2021, 77, 105253.	2.4	5

#	ARTICLE	IF	CITATIONS
127	Effects of Controlled Diesel Exhaust and Allergen Exposure on microRNA and Gene Expression in Humans. Modulation of Lung Inflammatory Markers Associated with Asthma. <i>Annals of the American Thoracic Society</i> , 2018, 15, S130-S131.	3.2	4
128	International research collaboration: The way forward. <i>Respirology</i> , 2018, 23, 654-655.	2.3	4
129	Ventilatory responses to constant load exercise following the inhalation of a short-acting Å2-agonist in a laboratory-controlled diesel exhaust exposure study in individuals with exercise-induced bronchoconstriction. <i>Environment International</i> , 2021, 146, 106182.	10.0	4
130	Sex Dimorphism of Allergen-Induced Secreted Proteins in Murine and Human Lungs. <i>Frontiers in Immunology</i> , 0, 13, .	4.8	4
131	Transcriptional Changes of Blood Eosinophils after Methacholine Inhalation Challenge in Asthmatics. <i>Genomics Insights</i> , 2012, 5, GEL.S9125.	3.0	3
132	Controlled human exposure to diesel exhaust: a method for understanding health effects of traffic-related air pollution. <i>Particle and Fibre Toxicology</i> , 2022, 19, 15.	6.2	3
133	A qualitative study of the knowledge, attitudes, and behaviors of people exposed to diesel exhaust at the workplace in British Columbia, Canada. <i>PLoS ONE</i> , 2017, 12, e0182890.	2.5	2
134	The economics of precision health: preventing air pollution-induced exacerbation in asthma. <i>ERJ Open Research</i> , 2021, 7, 00790-2020.	2.6	2
135	Occupational health disparities: The pandemic as prism and prod. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 1148-1150.	2.9	2
136	Environmental factors associated with non-infective acute respiratory illness in athletes: A systematic review by a subgroup of the IOC consensus group on acute respiratory illness in the athlete. <i>Journal of Science and Medicine in Sport</i> , 2022, 25, 466-473.	1.3	2
137	Acute air pollution exposure increases TET enzymes in human PBMCs. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 477-488.e9.	2.9	2
138	Long-Standing Respiratory Impairment In Cedar Asthmatics, Removed From Exposure, Is Associated With Circulating Interferon-gamma. , 2010, , .		1
139	Artemisia species pollen (mugwort) as a major vector for ambient LPS: Brothers in harm?. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 94-95.	2.9	1
140	Stability of serum precipitins to <i>Aspergillus fumigatus</i> for the diagnosis of allergic bronchopulmonary aspergillosis. <i>Allergy, Asthma and Clinical Immunology</i> , 2020, 16, 78.	2.0	1
141	The Environmental Protection Agency's "Strengthening Transparency in Pivotal Science" Rule: Don't Let History Repeat Itself. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1614-1617.	3.2	1
142	Urinary Eicosanoid Levels Reflect Allergen and Diesel Exhaust Coexposure and Are Linked to Impaired Lung Function. <i>Environmental Science & Technology</i> , 2022, 56, 7107-7118.	10.0	1
143	Dibutyl phthalate exposure alters T cell subsets in blood from allergen-sensitized volunteers. <i>Indoor Air</i> , 2022, 32, e13026.	4.3	1
144	Effect of traffic-related air pollution on cough in adults with polymorphisms in several cough-related genes. <i>Respiratory Research</i> , 2022, 23, 113.	3.6	1

#	ARTICLE	IF	CITATIONS
145	Air Pollutionâ€™Who â€™Noseâ€™What Chronic Exposure Models Will Reveal Next?. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 5-6.	2.9	0