

Robert B Devlin

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,405
citations

516710

16
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1812
citing authors

#	ARTICLE	IF	CITATIONS
1	Ozone-induced Inflammation in the Lower Airways of Human Subjects. <i>The American Review of Respiratory Disease</i> , 1989, 139, 407-415.	2.9	498
2	Controlled Exposure of Healthy Young Volunteers to Ozone Causes Cardiovascular Effects. <i>Circulation</i> , 2012, 126, 104-111.	1.6	171
3	Short-term effects of air temperature on mortality and effect modification by air pollution in three cities of Bavaria, Germany: A time-series analysis. <i>Science of the Total Environment</i> , 2014, 485-486, 49-61.	8.0	116
4	Controlled Exposure of Humans with Metabolic Syndrome to Concentrated Ultrafine Ambient Particulate Matter Causes Cardiovascular Effects. <i>Toxicological Sciences</i> , 2014, 140, 61-72.	3.1	78
5	The glutathione-S-transferase Mu 1 null genotype modulates ozone-induced airway inflammation in human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2009, 124, 1222-1228.e5.	2.9	72
6	Fine particulate matter and cardiovascular disease: Comparison of assessment methods for long-term exposure. <i>Environmental Research</i> , 2017, 159, 16-23.	7.5	63
7	Differential expression of pro-inflammatory and oxidative stress mediators induced by nitrogen dioxide and ozone in primary human bronchial epithelial cells. <i>Inhalation Toxicology</i> , 2016, 28, 374-382.	1.6	46
8	Fine-Scale Modeling of Individual Exposures to Ambient PM2.5, EC, NOx, and CO for the Coronary Artery Disease and Environmental Exposure (CADEE) Study. <i>Atmosphere</i> , 2020, 11, 65.	2.3	42
9	Air pollution and health: emerging information on susceptible populations. <i>Air Quality, Atmosphere and Health</i> , 2012, 5, 189-201.	3.3	36
10	Ultrafine Particulate Matter Increases Cardiac Ischemia/Reperfusion Injury via Mitochondrial Permeability Transition Pore. <i>Cardiovascular Toxicology</i> , 2017, 17, 441-450.	2.7	26
11	Low levels of fine particulate matter increase vascular damage and reduce pulmonary function in young healthy adults. <i>Particle and Fibre Toxicology</i> , 2020, 17, 58.	6.2	26
12	Progress in Assessing Air Pollutant Risks from In Vitro Exposures: Matching Ozone Dose and Effect in Human Airway Cells. <i>Toxicological Sciences</i> , 2014, 141, 198-205.	3.1	25
13	Changes in Metabolites Present in Lung-Lining Fluid Following Exposure of Humans to Ozone. <i>Toxicological Sciences</i> , 2018, 163, 430-439.	3.1	25
14	Neighborhood Sociodemographic Effects on the Associations Between Long-term PM2.5 Exposure and Cardiovascular Outcomes and Diabetes Mellitus. <i>Environmental Epidemiology</i> , 2019, 3, e038.	3.0	20
15	Omega-3 fatty acids attenuate cardiovascular effects of short-term exposure to ambient air pollution. <i>Particle and Fibre Toxicology</i> , 2022, 19, 12.	6.2	19
16	Accelerated epigenetic age as a biomarker of cardiovascular sensitivity to traffic-related air pollution. <i>Aging</i> , 2020, 12, 24141-24155.	3.1	18
17	A novel approach for measuring residential socioeconomic factors associated with cardiovascular and metabolic health. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 281-289.	3.9	17
18	Acute differences in pulse wave velocity, augmentation index, and central pulse pressure following controlled exposures to cookstove air pollution in the Subclinical Tests of Volunteers Exposed to Smoke (SToVES) study. <i>Environmental Research</i> , 2020, 180, 108831.	7.5	16

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19	Association between short-term exposure to ambient fine particulate matter and myocardial injury in the CATHGEN cohort. <i>Environmental Pollution</i> , 2021, 275, 116663.	7.5	15
20	Lung Function and Short-Term Ambient Air Pollution Exposure: Differential Impacts of Omega-3 and Omega-6 Fatty Acids. <i>Annals of the American Thoracic Society</i> , 2022, 19, 583-593.	3.2	13
21	Short-term differences in cardiac function following controlled exposure to cookstove air pollution: The subclinical tests on volunteers exposed to smoke (STOVES) study. <i>Environment International</i> , 2021, 146, 106254.	10.0	11
22	Evaluation of PM2.5 air pollution sources and cardiovascular health. <i>Environmental Epidemiology</i> , 2021, 5, e157.	3.0	11
23	Acute changes in lung function following controlled exposure to cookstove air pollution in the subclinical tests of volunteers exposed to smoke (STOVES) study. <i>Inhalation Toxicology</i> , 2020, 32, 115-123.	1.6	10
24	Controlled human exposures to diesel exhaust: a human epigenome-wide experiment of target bronchial epithelial cells. <i>Environmental Epigenetics</i> , 2021, 7, dvab003.	1.8	10
25	Associations between neighborhood socioeconomic cluster and hypertension, diabetes, myocardial infarction, and coronary artery disease within a cohort of cardiac catheterization patients. <i>American Heart Journal</i> , 2022, 243, 201-209.	2.7	7
26	The influence of dietary intake of omega-3 polyunsaturated fatty acids on the association between short-term exposure to ambient nitrogen dioxide and respiratory and cardiovascular outcomes among healthy adults. <i>Environmental Health</i> , 2021, 20, 123.	4.0	7
27	Acute differences in blood lipids and inflammatory biomarkers following controlled exposures to cookstove air pollution in the STOVES study. <i>International Journal of Environmental Health Research</i> , 2020, , 1-14.	2.7	5
28	Application of an improved gas-constrained source apportionment method using data fused fields: A case study in North Carolina, USA. <i>Atmospheric Environment</i> , 2022, 276, 119031.	4.1	2
29	Effect modification of omega-3 fatty acids on short-term associations between ambient air temperature and heart rate variability. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0