

Matthew J Campen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3493004/publications.pdf>

Version: 2024-02-01

80
papers

3,141
citations

126907

33
h-index

161849

54
g-index

82
all docs

82
docs citations

82
times ranked

3835
citing authors

#	ARTICLE	IF	CITATIONS
1	Polystyrene microplastics induce an immunometabolic active state in macrophages. <i>Cell Biology and Toxicology</i> , 2022, 38, 31-41.	5.3	30
2	Aging influence on pulmonary and systemic inflammation and neural metabolomics arising from pulmonary multi-walled carbon nanotube exposure in apolipoprotein E-deficient and C57BL/6 female mice. <i>Inhalation Toxicology</i> , 2022, , 1-15.	1.6	1
3	Indirect mediators of systemic health outcomes following nanoparticle inhalation exposure. , 2022, 235, 108120.		11
4	Circulatory metabolites trigger ex vivo arterial endothelial cell dysfunction in population chronically exposed to diesel exhaust. <i>Particle and Fibre Toxicology</i> , 2022, 19, 20.	6.2	5
5	Neuroinflammatory and Neurometabolomic Consequences From Inhaled Wildfire Smoke-Derived Particulate Matter in the Western United States. <i>Toxicological Sciences</i> , 2022, 186, 149-162.	3.1	16
6	Early Gestational Exposure to Inhaled Ozone Impairs Maternal Uterine Artery and Cardiac Function. <i>Toxicological Sciences</i> , 2021, 179, 121-134.	3.1	11
7	Assessment of particulate matter toxicity and physicochemistry at the Claim 28 uranium mine site in Blue Gap, AZ. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 31-48.	2.3	4
8	Mine-site derived particulate matter exposure exacerbates neurological and pulmonary inflammatory outcomes in an autoimmune mouse model. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2021, 84, 503-517.	2.3	8
9	Carbon Nanotube Exposure Triggers a Cerebral Peptidomic Response: Barrier Compromise, Neuroinflammation, and a Hyperexcited State. <i>Toxicological Sciences</i> , 2021, 182, 107-119.	3.1	17
10	Short-term exposure to air pollution and biomarkers of cardiovascular effect: A repeated measures study. <i>Environmental Pollution</i> , 2021, 279, 116893.	7.5	8
11	Uptake and Toxicity of Respirable Carbon-Rich Uranium-Bearing Particles: Insights into the Role of Particulates in Uranium Toxicity. <i>Environmental Science & Technology</i> , 2021, 55, 9949-9957.	10.0	10
12	Children with Amalgam Dental Restorations Have Significantly Elevated Blood and Urine Mercury Levels. <i>Toxicological Sciences</i> , 2021, 184, 104-126.	3.1	5
13	Pulmonary delivery of the broad-spectrum matrix metalloproteinase inhibitor marimastat diminishes multiwalled carbon nanotube-induced circulating bioactivity without reducing pulmonary inflammation. <i>Particle and Fibre Toxicology</i> , 2021, 18, 34.	6.2	3
14	Inhalation of Tungsten Metal Particulates Alters the Lung and Bone Microenvironments Following Acute Exposure. <i>Toxicological Sciences</i> , 2021, 184, 286-299.	3.1	10
15	Serum peptidome: diagnostic window into pathogenic processes following occupational exposure to carbon nanomaterials. <i>Particle and Fibre Toxicology</i> , 2021, 18, 39.	6.2	3
16	Vehicular Particulate Matter (PM) Characteristics Impact Vascular Outcomes Following Inhalation. <i>Cardiovascular Toxicology</i> , 2020, 20, 211-221.	2.7	8
17	Effects of inhaled air pollution on markers of integrity, inflammation, and microbiota profiles of the intestines in Apolipoprotein E knockout mice. <i>Environmental Research</i> , 2020, 181, 108913.	7.5	35
18	Occupational exposure to carbon black nanoparticles increases inflammatory vascular disease risk: an implication of an ex vivo biosensor assay. <i>Particle and Fibre Toxicology</i> , 2020, 17, 47.	6.2	20

#	ARTICLE	IF	CITATIONS
19	Serum-borne factors alter cerebrovascular endothelial microRNA expression following particulate matter exposure near an abandoned uranium mine on the Navajo Nation. <i>Particle and Fibre Toxicology</i> , 2020, 17, 29.	6.2	12
20	Carbon content in airway macrophages and genomic instability in Chinese carbon black packers. <i>Archives of Toxicology</i> , 2020, 94, 761-771.	4.2	22
21	Blood-brain barrier at the interface of air pollution-associated neurotoxicity and neuroinflammation. <i>Advances in Neurotoxicology</i> , 2019, , 295-337.	1.9	3
22	Nanoparticle exposure driven circulating bioactive peptidome causes systemic inflammation and vascular dysfunction. <i>Particle and Fibre Toxicology</i> , 2019, 16, 20.	6.2	39
23	Toxic Effects of Particulate Matter Derived from Dust Samples Near the Dzhidinski Ore Processing Mill, Eastern Siberia, Russia. <i>Cardiovascular Toxicology</i> , 2019, 19, 401-411.	2.7	9
24	Electronic cigarettes disrupt lung lipid homeostasis and innate immunity independent of nicotine. <i>Journal of Clinical Investigation</i> , 2019, 129, 4290-4304.	8.2	264
25	Respirable Uranyl-Vanadate-Containing Particulate Matter Derived From a Legacy Uranium Mine Site Exhibits Potentiated Cardiopulmonary Toxicity. <i>Toxicological Sciences</i> , 2018, 164, 101-114.	3.1	35
26	Arsenic association with circulating oxidized low-density lipoprotein in a Native American community. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2018, 81, 535-548.	2.3	25
27	Aging Exacerbates Neuroinflammatory Outcomes Induced by Acute Ozone Exposure. <i>Toxicological Sciences</i> , 2018, 163, 123-139.	3.1	40
28	¹¹¹ In-DANBIRT <i>In Vivo</i> Molecular Imaging of Inflammatory Cells in Atherosclerosis. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-10.	0.8	8
29	Muscle-specific regulation of right ventricular transcriptional responses to chronic hypoxia-induced hypertrophy by the muscle ring finger-1 (MuRF1) ubiquitin ligase in mice. <i>BMC Medical Genetics</i> , 2018, 19, 175.	2.1	1
30	Metal-Induced Pulmonary Fibrosis. <i>Current Environmental Health Reports</i> , 2018, 5, 486-498.	6.7	34
31	Early life stress, air pollution, inflammation, and disease: An integrative review and immunologic model of social-environmental adversity and lifespan health. <i>Neuroscience and Biobehavioral Reviews</i> , 2018, 92, 226-242.	6.1	82
32	Residential proximity to abandoned uranium mines and serum inflammatory potential in chronically exposed Navajo communities. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017, 27, 365-371.	3.9	52
33	Serum-borne bioactivity caused by pulmonary multiwalled carbon nanotubes induces neuroinflammation via blood-brain barrier impairment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1968-E1976.	7.1	104
34	Ambient Ultrafine Particle Ingestion Alters Gut Microbiota in Association with Increased Atherogenic Lipid Metabolites. <i>Scientific Reports</i> , 2017, 7, 42906.	3.3	66
35	Associations of Circulating Oxidized LDL and Conventional Biomarkers of Cardiovascular Disease in a Cross-Sectional Study of the Navajo Population. <i>PLoS ONE</i> , 2016, 11, e0143102.	2.5	37
36	Metabolomic changes in murine serum following inhalation exposure to gasoline and diesel engine emissions. <i>Inhalation Toxicology</i> , 2016, 28, 241-250.	1.6	21

#	ARTICLE	IF	CITATIONS
37	Serum from obstructive sleep apnea patients induces inflammatory responses in coronary artery endothelial cells. <i>Atherosclerosis</i> , 2016, 254, 59-66.	0.8	45
38	Surface area-dependence of gas-particle interactions influences pulmonary and neuroinflammatory outcomes. <i>Particle and Fibre Toxicology</i> , 2016, 13, 64.	6.2	40
39	Hypoxia-induced pulmonary arterial hypertension augments lung injury and airway reactivity caused by ozone exposure. <i>Toxicology and Applied Pharmacology</i> , 2016, 305, 40-45.	2.8	7
40	Inflammatory and Vasoactive Effects of Serum Following Inhalation of Varied Complex Mixtures. <i>Cardiovascular Toxicology</i> , 2016, 16, 163-171.	2.7	30
41	MMP-9-Dependent Serum-Borne Bioactivity Caused by Multiwalled Carbon Nanotube Exposure Induces Vascular Dysfunction via the CD36 Scavenger Receptor. <i>Toxicological Sciences</i> , 2016, 150, 488-498.	3.1	36
42	Microglial priming through the lung-brain axis: the role of air pollution-induced circulating factors. <i>FASEB Journal</i> , 2016, 30, 1880-1891.	0.5	124
43	Ozone Inhalation Impairs Coronary Artery Dilation via Intracellular Oxidative Stress: Evidence for Serum-Borne Factors as Drivers of Systemic Toxicity. <i>Toxicological Sciences</i> , 2015, 146, 244-253.	3.1	61
44	Characterization of a novel endothelial biosensor assay reveals increased cumulative serum inflammatory potential in stabilized coronary artery disease patients. <i>Journal of Translational Medicine</i> , 2015, 13, 99.	4.4	20
45	Endothelial inflammatory transcriptional responses to an altered plasma exposome following inhalation of diesel emissions. <i>Inhalation Toxicology</i> , 2015, 27, 272-280.	1.6	21
46	Muscle RING Finger-1 Promotes a Maladaptive Phenotype in Chronic Hypoxia-Induced Right Ventricular Remodeling. <i>PLoS ONE</i> , 2014, 9, e97084.	2.5	5
47	Engine exhaust particulate and gas phase contributions to vascular toxicity. <i>Inhalation Toxicology</i> , 2014, 26, 353-360.	1.6	30
48	Effects of Nicotine on Cardiovascular Remodeling in a Mouse Model of Systemic Hypertension. <i>Cardiovascular Toxicology</i> , 2013, 13, 364-369.	2.7	24
49	Resveratrol for primary prevention of atherosclerosis: Clinical trial evidence for improved gene expression in vascular endothelium. <i>International Journal of Cardiology</i> , 2013, 166, 246-248.	1.7	118
50	CD36 Mediates Endothelial Dysfunction Downstream of Circulating Factors Induced by O3 Exposure. <i>Toxicological Sciences</i> , 2013, 134, 304-311.	3.1	66
51	To Breathe or Not to Breathe: Negative Data on Ozone and Vascular Function in an Established Research Model. <i>Toxicological Sciences</i> , 2013, 135, 263-264.	3.1	1
52	A healthier approach to clinical trials evaluating resveratrol for primary prevention of age-related diseases in healthy populations. <i>Aging</i> , 2013, 5, 495-506.	3.1	37
53	National Particle Component Toxicity (NPACT) initiative report on cardiovascular effects. <i>Research Report (health Effects Institute)</i> , 2013, , 5-8.	1.6	33
54	Identification of chemical components of combustion emissions that affect pro-atherosclerotic vascular responses in mice. <i>Inhalation Toxicology</i> , 2012, 24, 270-287.	1.6	32

#	ARTICLE	IF	CITATIONS
55	Mechanisms linking traffic-related air pollution and atherosclerosis. <i>Current Opinion in Pulmonary Medicine</i> , 2012, 18, 155-160.	2.6	39
56	Circulating Factors Induce Coronary Endothelial Cell Activation Following Exposure to Inhaled Diesel Exhaust and Nitrogen Dioxide in Humans: Evidence From a Novel Translational In Vitro Model. <i>Toxicological Sciences</i> , 2012, 127, 179-186.	3.1	76
57	Cardiac and Vascular Atrogin-1 mRNA Expression is Not Associated with Dexamethasone Efficacy in the Monocrotaline Model of Pulmonary Hypertension. <i>Cardiovascular Toxicology</i> , 2012, 12, 226-234.	2.7	3
58	Vascular endothelium as a target of diesel particulate matter-associated toxicants. <i>Archives of Toxicology</i> , 2012, 86, 517-518.	4.2	8
59	Resveratrol reverses monocrotaline-induced pulmonary vascular and cardiac dysfunction: A potential role for atrogin-1 in smooth muscle. <i>Vascular Pharmacology</i> , 2012, 56, 64-73.	2.1	53
60	Longitudinal In Vivo SPECT/CT Imaging Reveals Morphological Changes and Cardiopulmonary Apoptosis in a Rodent Model of Pulmonary Arterial Hypertension. <i>PLoS ONE</i> , 2012, 7, e40910.	2.5	16
61	Loss of Cardiac Muscle Ring Finger-1 Augments Right Ventricular Hypertrophy Following Chronic Hypoxia-Induced Pulmonary Hypertension. <i>FASEB Journal</i> , 2012, 26, 1036.9.	0.5	0
62	The Oxidized Low-Density Lipoprotein Receptor Mediates Vascular Effects of Inhaled Vehicle Emissions. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 82-91.	5.6	91
63	Formation of Vascular S-Nitrosothiols and Plasma Nitrates/Nitrites Following Inhalation of Diesel Emissions. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2011, 74, 828-837.	2.3	15
64	Mechanisms of Diesel-Induced Endothelial Nitric Oxide Synthase Dysfunction in Coronary Arterioles. <i>Environmental Health Perspectives</i> , 2011, 119, 98-103.	6.0	76
65	Vascular and Cardiac Impairments in Rats Inhaling Ozone and Diesel Exhaust Particles. <i>Environmental Health Perspectives</i> , 2011, 119, 312-318.	6.0	97
66	In Utero Exposure of Female CD-1 Mice to AZT and/or 3TC: II. Persistence of Functional Alterations in Cardiac Tissue. <i>Cardiovascular Toxicology</i> , 2010, 10, 87-99.	2.7	14
67	Inhaled diesel emissions alter atherosclerotic plaque composition in ApoE ^{-/-} mice. <i>Toxicology and Applied Pharmacology</i> , 2010, 242, 310-317.	2.8	96
68	Cardiopulmonary response to inhalation of biogenic secondary organic aerosol. <i>Inhalation Toxicology</i> , 2010, 22, 253-265.	1.6	39
69	A Comparison of Vascular Effects from Complex and Individual Air Pollutants Indicates a Role for Monoxide Gases and Volatile Hydrocarbons. <i>Environmental Health Perspectives</i> , 2010, 118, 921-927.	6.0	51
70	Vehicular Emissions Induce Vascular MMP-9 Expression and Activity Associated With Endothelin-1-Mediated Pathways. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 511-517.	2.4	129
71	Nitric Oxide Synthase: "Enzyme Zero" in Air Pollution-Induced Vascular Toxicity. <i>Toxicological Sciences</i> , 2009, 110, 1-3.	3.1	9
72	Impairment of coronary endothelial cell ET _B receptor function after short-term inhalation exposure to whole diesel emissions. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009, 297, R640-R647.	1.8	58

#	ARTICLE	IF	CITATIONS
73	Diesel exhaust exposure enhances vasoconstriction via uncoupling of eNOS. <i>Toxicology and Applied Pharmacology</i> , 2008, 230, 346-351.	2.8	71
74	Oxidative Stress, Inflammation, and Pulmonary Function Assessment in Rats Exposed to Laboratory-Generated Pollutant Mixtures. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2008, 71, 1352-1362.	2.3	20
75	Nicotine Primarily Suppresses Lung Th2 but Not Goblet Cell and Muscle Cell Responses to Allergens. <i>Journal of Immunology</i> , 2008, 180, 7655-7663.	0.8	83
76	Fresh Gasoline Emissions, Not Paved Road Dust, Alter Cardiac Repolarization in ApoE ^{-/-} Mice. <i>Cardiovascular Toxicology</i> , 2006, 6, 199-210.	2.7	30
77	Gasoline Exhaust Emissions Induce Vascular Remodeling Pathways Involved in Atherosclerosis. <i>Toxicological Sciences</i> , 2006, 95, 485-494.	3.1	96
78	Nonparticulate Components of Diesel Exhaust Promote Constriction in Coronary Arteries from ApoE ^{-/-} Mice. <i>Toxicological Sciences</i> , 2005, 88, 95-102.	3.1	92
79	CARDIAC AND THERMOREGULATORY EFFECTS OF INSTILLED PARTICULATE MATTER-ASSOCIATED TRANSITION METALS IN HEALTHY AND CARDIOPULMONARY-COMPROMISED RATS. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2002, 65, 1615-1631.	2.3	65
80	Cardiac and Thermoregulatory Toxicity of Residual Oil Fly Ash in Cardiopulmonary-Compromised Rats. <i>Inhalation Toxicology</i> , 2000, 12, 7-22.	1.6	24