

Amie K Lund

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

46
papers

1,579
citations

24
h-index

39
g-index

48
ext. papers

1,767
ext. citations

5.1
avg, IF

4.34
L-index

#	Paper	IF	Citations
46	Traffic-generated air pollution - Exposure mediated expression of factors associated with demyelination in a female apolipoprotein E mouse model.. <i>Neurotoxicology and Teratology</i> , 2022 , 90, 107071	3.9	1
45	Inhaled diesel exhaust particles result in microbiome-related systemic inflammation and altered cardiovascular disease biomarkers in C57BL/6 male mice.. <i>Particle and Fibre Toxicology</i> , 2022 , 19, 10	8.4	0
44	An apparatus for automatically training and collecting individualized behavioral data with socially housed rodents. <i>Journal of Neuroscience Methods</i> , 2022 , 365, 109387	3	
43	Transcriptomic responses and apoptosis in larval red drum (<i>Sciaenops ocellatus</i>) co-exposed to crude oil and ultraviolet (UV) radiation.. <i>Marine Pollution Bulletin</i> , 2022 , 179, 113684	6.7	0
42	Inhalation exposure to silver nanoparticles induces hepatic inflammation and oxidative stress, associated with altered renin-angiotensin system signaling, in Wistar rats. <i>Environmental Toxicology</i> , 2021 ,	4.2	2
41	Exposure to traffic-generated air pollution promotes alterations in the integrity of the brain microvasculature and inflammation in female ApoE mice. <i>Toxicology Letters</i> , 2021 , 339, 39-50	4.4	2
40	Traffic generated emissions alter the lung microbiota by promoting the expansion of Proteobacteria in C57BL/6 mice placed on a high-fat diet. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 213, 112035	7	2
39	Toxicological alterations induced by subacute exposure of silver nanoparticles in Wistar rats. <i>Journal of Applied Toxicology</i> , 2021 , 41, 972-986	4.1	6
38	Exposure to diesel exhaust particles results in altered lung microbial profiles, associated with increased reactive oxygen species/reactive nitrogen species and inflammation, in C57BL/6 wildtype mice on a high-fat diet. <i>Particle and Fibre Toxicology</i> , 2021 , 18, 3	8.4	10
37	Vehicle emissions-exposure alters expression of systemic and tissue-specific components of the renin-angiotensin system and promotes outcomes associated with cardiovascular disease and obesity in wild-type C57BL/6 male mice. <i>Toxicology Reports</i> , 2021 , 8, 846-862	4.8	2
36	Exposure to Crude Oil Induces Retinal Apoptosis and Impairs Visual Function in Fish. <i>Environmental Science & Technology</i> , 2020 , 54, 2843-2850	10.3	21
35	A Small Compound Targeting Prohibitin with Potential Interest for Cognitive Deficit Rescue in Aging mice and Tau Pathology Treatment. <i>Scientific Reports</i> , 2020 , 10, 1143	4.9	6
34	Exposure to Traffic-Generated Pollutants Exacerbates the Expression of Factors Associated with the Pathophysiology of Alzheimer's Disease in Aged C57BL/6 Wild-Type Mice. <i>Journal of Alzheimer's Disease</i> , 2020 , 78, 1453-1471	4.3	2
33	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	7.9	20
32	Mixed Vehicle Emissions Induces Angiotensin II and Cerebral Microvascular Angiotensin Receptor Expression in C57BL/6 Mice and Promotes Alterations in Integrity in a Blood-Brain Barrier Coculture Model. <i>Toxicological Sciences</i> , 2019 , 170, 525-535	4.4	8
31	The effects of subacute inhaled multi-walled carbon nanotube exposure on signaling pathways associated with cholesterol transport and inflammatory markers in the vasculature of wild-type mice. <i>Toxicology Letters</i> , 2018 , 296, 48-62	4.4	6
30	Exposure to traffic-generated air pollutants mediates alterations in brain microvascular integrity in wildtype mice on a high-fat diet. <i>Environmental Research</i> , 2018 , 160, 449-461	7.9	28

29	Brain Inflammation, Blood Brain Barrier dysfunction and Neuronal Synaptophysin Decrease after Inhalation Exposure to Titanium Dioxide Nano-aerosol in Aging Rats. <i>Scientific Reports</i> , 2017 , 7, 12196	4.9	35
28	The role of the lectin-like oxLDL receptor (LOX-1) in traffic-generated air pollution exposure-mediated alteration of the brain microvasculature in Apolipoprotein (Apo) E knockout mice. <i>Inhalation Toxicology</i> , 2017 , 29, 266-281	2.7	19
27	Microglial priming through the lung-brain axis: the role of air pollution-induced circulating factors. <i>FASEB Journal</i> , 2016 , 30, 1880-91	0.9	92
26	Tissue biodistribution of intravenously administrated titanium dioxide nanoparticles revealed blood-brain barrier clearance and brain inflammation in rat. <i>Particle and Fibre Toxicology</i> , 2015 , 12, 27	8.4	61
25	The National Environmental Respiratory Center (NERC) experiment in multi-pollutant air quality health research: II. Comparison of responses to diesel and gasoline engine exhausts, hardwood smoke and simulated downwind coal emissions. <i>Inhalation Toxicology</i> , 2014 , 26, 651-67	2.7	21
24	Engine exhaust particulate and gas phase contributions to vascular toxicity. <i>Inhalation Toxicology</i> , 2014 , 26, 353-60	2.7	24
23	The National Environmental Respiratory Center (NERC) experiment in multi-pollutant air quality health research: IV. Vascular effects of repeated inhalation exposure to a mixture of five inorganic gases. <i>Inhalation Toxicology</i> , 2014 , 26, 691-6	2.7	11
22	Exposure to vehicle emissions results in altered blood brain barrier permeability and expression of matrix metalloproteinases and tight junction proteins in mice. <i>Particle and Fibre Toxicology</i> , 2013 , 10, 62	8.4	85
21	The effects of Pinene versus toluene-derived secondary organic aerosol exposure on the expression of markers associated with vascular disease. <i>Inhalation Toxicology</i> , 2013 , 25, 309-24	2.7	19
20	HIV Tat induces expression of ICAM-1 in HUVECs: implications for miR-221/-222 in HIV-associated cardiomyopathy. <i>PLoS ONE</i> , 2013 , 8, e60170	3.7	53
19	Identification of chemical components of combustion emissions that affect pro-atherosclerotic vascular responses in mice. <i>Inhalation Toxicology</i> , 2012 , 24, 270-87	2.7	30
18	Cardiopulmonary response to inhalation of secondary organic aerosol derived from gas-phase oxidation of toluene. <i>Inhalation Toxicology</i> , 2012 , 24, 689-97	2.7	18
17	Mechanisms linking traffic-related air pollution and atherosclerosis. <i>Current Opinion in Pulmonary Medicine</i> , 2012 , 18, 155-60	3	35
16	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	10.2	82
15	Human immunodeficiency virus transgenic rats exhibit pulmonary hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2011 , 301, L315-26	5.8	28
14	Vascular and cardiac impairments in rats inhaling ozone and diesel exhaust particles. <i>Environmental Health Perspectives</i> , 2011 , 119, 312-8	8.4	88
13	Cardiopulmonary response to inhalation of biogenic secondary organic aerosol. <i>Inhalation Toxicology</i> , 2010 , 22, 253-65	2.7	36
12	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, 921-7	8.4	44

11	Inhaled diesel emissions alter atherosclerotic plaque composition in ApoE(-/-) mice. <i>Toxicology and Applied Pharmacology</i> , 2010 , 242, 310-7	4.6	87
10	Vehicular emissions induce vascular MMP-9 expression and activity associated with endothelin-1-mediated pathways. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 511-7	9.4	122
9	Diesel exhaust exposure enhances vasoconstriction via uncoupling of eNOS. <i>Toxicology and Applied Pharmacology</i> , 2008 , 230, 346-51	4.6	66
8	Loss of the aryl hydrocarbon receptor induces hypoxemia, endothelin-1, and systemic hypertension at modest altitude. <i>Hypertension</i> , 2008 , 51, 803-9	8.5	36
7	Gasoline exhaust emissions induce vascular remodeling pathways involved in atherosclerosis. <i>Toxicological Sciences</i> , 2007 , 95, 485-94	4.4	93
6	Characterizing the role of endothelin-1 in the progression of cardiac hypertrophy in aryl hydrocarbon receptor (AhR) null mice. <i>Toxicology and Applied Pharmacology</i> , 2006 , 212, 127-35	4.6	53
5	Endothelin-1-mediated increase in reactive oxygen species and NADPH Oxidase activity in hearts of aryl hydrocarbon receptor (AhR) null mice. <i>Toxicological Sciences</i> , 2005 , 88, 265-73	4.4	49
4	Persistence of mitochondrial toxicity in hearts of female B6C3F1 mice exposed in utero to 3-azido-3'-deoxythymidine. <i>Cardiovascular Toxicology</i> , 2004 , 4, 133-53	3.4	28
3	Insulin regulation in AhR-null mice: embryonic cardiac enlargement, neonatal macrosomia, and altered insulin regulation and response in pregnant and aging AhR-null females. <i>Toxicological Sciences</i> , 2003 , 76, 407-17	4.4	37
2	Cardiac hypertrophy in aryl hydrocarbon receptor null mice is correlated with elevated angiotensin II, endothelin-1, and mean arterial blood pressure. <i>Toxicology and Applied Pharmacology</i> , 2003 , 193, 177-87	4.6	110
1	Systemic health effects of carbon nanotubes following inhalation	210-223	1