Amie K Lund

List of Publications by Year
in descending order

47 papers	1,957 citations	249298 26 h-index	274796 44 g-index
48 all docs	48 docs citations	48 times ranked	3096 citing authors

#	Article	IF	Citations
1	An apparatus for automatically training and collecting individualized behavioral data with socially housed rodents. Journal of Neuroscience Methods, 2022, 365, 109387.	1.3	0
2	Traffic-generated air pollution â€“ Exposure mediated expression of factors associated with demyelination in a female apolipoprotein Eâˆ’/âˆ’ mouse model. Neurotoxicology and Teratology, 2022, 90, 107071.	1.2	1
3	Inhaled diesel exhaust particles result in microbiome-related systemic inflammation and altered cardiovascular disease biomarkers in C57Bl/6 male mice. Particle and Fibre Toxicology, 2022, 19, 10.	2.8	5
4	Probiotics Function as Immunomodulators in the Intestine in C57Bl/6 Male Mice Exposed to Inhaled Diesel Exhaust Particles on a High-Fat Diet. Cells, 2022, 11, 1445.	1.8	8
5	Transcriptomic responses and apoptosis in larval red drum (Sciaenops ocellatus) co-exposed to crude oil and ultraviolet (UV) radiation. Marine Pollution Bulletin, 2022, 179, 113684.	2.3	3
6	Toxicological alterations induced by subacute exposure of silver nanoparticles in Wistar rats. Journal of Applied Toxicology, 2021, 41, 972-986.	1.4	12
7	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. Particle and Fibre Toxicology, 2021, 18, 3.	2.8	29
8	Exposure to traffic-generated air pollution promotes alterations in the integrity of the brain microvasculature and inflammation in female ApoE-/- mice. Toxicology Letters, 2021, 339, 39-50.	0.4	10
9	Traffic generated emissions alter the lung microbiota by promoting the expansion of Proteobacteria in C57Bl/6 mice placed on a high-fat diet. Ecotoxicology and Environmental Safety, 2021, 213, 112035.	2.9	11
10	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. Toxicology Reports, 2021, 8, 846-862.	1.6	2
11	Inhalation exposure to silver nanoparticles induces hepatic inflammation and oxidative stress, associated with altered reninâ€angiotensin system signaling, in Wistar rats. Environmental Toxicology, 2021, , .	2.1	9
12	Effects of inhaled air pollution on markers of integrity, inflammation, and microbiota profiles of the intestines in Apolipoprotein E knockout mice. Environmental Research, 2020, 181, 108913.	3.7	35
13	Exposure to Crude Oil Induces Retinal Apoptosis and Impairs Visual Function in Fish. Environmental Science & Technology, 2020, 54, 2843-2850.	4.6	47
14	A Small Compound Targeting Prohibitin with Potential Interest for Cognitive Deficit Rescue in Aging mice and Tau Pathology Treatment. Scientific Reports, 2020, 10, 1143.	1.6	21
15	Exposure to Traffic-Generated Pollutants Exacerbates the Expression of Factors Associated with the Pathophysiology of Alzheimerâ€™s Disease in Aged C57BL/6 Wild-Type Mice. Journal of Alzheimer's Disease, 2020, 78, 1453-1471.	1.2	3
16	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. Toxicological Sciences, 2019, 170, 525-535.	1.4	9
17	Exposure to traffic-generated air pollutants mediates alterations in brain microvascular integrity in wildtype mice on a high-fat diet. Environmental Research, 2018, 160, 449-461.	3.7	34
18	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. Toxicology Letters, 2018, 296, 48-62.	0.4	9

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19	Brain Inflammation, Blood Brain Barrier dysfunction and Neuronal Synaptophysin Decrease after Inhalation Exposure to Titanium Dioxide Nano-aerosol in Aging Rats. Scientific Reports, 2017, 7, 12196.	1.6	49
20	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. Inhalation Toxicology, 2017, 29, 266-281.	0.8	24
21	Microglial priming through the lungâ€"brain axis: the role of air pollutionâ€induced circulating factors. FASEB Journal, 2016, 30, 1880-1891.	0.2	124
22	Tissue biodistribution of intravenously administrated titanium dioxide nanoparticles revealed blood-brain barrier clearance and brain inflammation in rat. Particle and Fibre Toxicology, 2015, 12, 27.	2.8	78
23	Engine exhaust particulate and gas phase contributions to vascular toxicity. Inhalation Toxicology, 2014, 26, 353-360.	0.8	30
24	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. Inhalation Toxicology, 2014, 26, 691-696.	0.8	11
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. Inhalation Toxicology, 2014, 26, 651-667.	0.8	23
26	Exposure to vehicle emissions results in altered blood brain barrier permeability and expression of matrix metalloproteinases and tight junction proteins in mice. Particle and Fibre Toxicology, 2013, 10, 62.	2.8	112
27	The effects of Î±-pinene versus toluene-derived secondary organic aerosol exposure on the expression of markers associated with vascular disease. Inhalation Toxicology, 2013, 25, 309-324.	0.8	24
28	HIV Tat Induces Expression of ICAM-1 in HUVECs: Implications for miR-221/-222 in HIV-Associated Cardiomyopathy. PLoS ONE, 2013, 8, e60170.	1.1	69
29	Identification of chemical components of combustion emissions that affect pro-atherosclerotic vascular responses in mice. Inhalation Toxicology, 2012, 24, 270-287.	0.8	32
30	Cardiopulmonary response to inhalation of secondary organic aerosol derived from gas-phase oxidation of toluene. Inhalation Toxicology, 2012, 24, 689-697.	0.8	20
31	Mechanisms linking traffic-related air pollution and atherosclerosis. Current Opinion in Pulmonary Medicine, 2012, 18, 155-160.	1.2	39
32	Systemic health effects of carbon nanotubes following inhalation. , 2012, , 210-223.		1
33	The Oxidized Low-Density Lipoprotein Receptor Mediates Vascular Effects of Inhaled Vehicle Emissions. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 82-91.	2.5	91
34	Human immunodeficiency virus transgenic rats exhibit pulmonary hypertension. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2011, 301, L315-L326.	1.3	32
35	Vascular and Cardiac Impairments in Rats Inhaling Ozone and Diesel Exhaust Particles. Environmental Health Perspectives, 2011, 119, 312-318.	2.8	97
36	Inhaled diesel emissions alter atherosclerotic plaque composition in ApoEâ^'/â^' mice. Toxicology and Applied Pharmacology, 2010, 242, 310-317.	1.3	96

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37	Cardiopulmonary response to inhalation of biogenic secondary organic aerosol. Inhalation Toxicology, 2010, 22, 253-265.	0.8	39
38	A Comparison of Vascular Effects from Complex and Individual Air Pollutants Indicates a Role for Monoxide Gases and Volatile Hydrocarbons. Environmental Health Perspectives, 2010, 118, 921-927.	2.8	51
39	Vehicular Emissions Induce Vascular MMP-9 Expression and Activity Associated With Endothelin-1â€“Mediated Pathways. Arteriosclerosis, Thrombosis, and Vascular Biology, 2009, 29, 511-517.	1.1	129
40	Diesel exhaust exposure enhances venoconstriction via uncoupling of eNOS. Toxicology and Applied Pharmacology, 2008, 230, 346-351.	1.3	71
41	Loss of the Aryl Hydrocarbon Receptor Induces Hypoxemia, Endothelin-1, and Systemic Hypertension at Modest Altitude. Hypertension, 2008, 51, 803-809.	1.3	42
42	Characterizing the role of endothelin-1 in the progression of cardiac hypertrophy in aryl hydrocarbon receptor (AhR) null mice. Toxicology and Applied Pharmacology, 2006, 212, 127-135.	1.3	62
43	Gasoline Exhaust Emissions Induce Vascular Remodeling Pathways Involved in Atherosclerosis. Toxicological Sciences, 2006, 95, 485-494.	1.4	96
44	Endothelin-1â€“Mediated Increase in Reactive Oxygen Species and NADPH Oxidase Activity in Hearts of Aryl Hydrocarbon Receptor (AhR) Null Mice. Toxicological Sciences, 2005, 88, 265-273.	1.4	57
45	Persistence of Mitochondrial Toxicity in Hearts of Female B6C3F1 Mice Exposed <I> In Utero</I> to 3'-Azido-3'-Deoxythymidine. Cardiovascular Toxicology, 2004, 4, 133-154.	1.1	33
46	Cardiac hypertrophy in Aryl hydrocarbon receptor null mice is correlated with elevated angiotensin II, endothelin-1, and mean arterial blood pressure. Toxicology and Applied Pharmacology, 2003, 193, 177-187.	1.3	125
47	Insulin Regulation in AhR-null Mice: Embryonic Cardiac Enlargement, Neonatal Macrosomia, and Altered Insulin Regulation and Response in Pregnant and Aging AhR-null Females. Toxicological Sciences, 2003, 76, 407-417.	1.4	48