

Todd E Morgan

List of Publications by Year in descending order

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Version: 2024-02-01

59
papers

4,669
citations

186265

28
h-index

175258

52
g-index

66
all docs

66
docs citations

66
times ranked

6196
citing authors

#	ARTICLE	IF	CITATIONS
1	The <i>APOE</i> gene cluster responds to air pollution factors in mice with coordinated expression of genes that differs by age in humans. <i>Alzheimer's and Dementia</i> , 2021, 17, 175-190.	0.8	8
2	Age-related alteration in HNE elimination enzymes. <i>Archives of Biochemistry and Biophysics</i> , 2021, 699, 108749.	3.0	7
3	Air Pollution Neurotoxicity in the Adult Brain: Emerging Concepts from Experimental Findings. <i>Advances in Alzheimer's Disease</i> , 2021, , .	0.2	0
4	Urban Air Pollution Nanoparticles from Los Angeles: Recently Decreased Neurotoxicity. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 307-316.	2.6	8
5	Age, sex, and cerebral microbleeds in EFAD Alzheimer disease mice. <i>Neurobiology of Aging</i> , 2021, 103, 42-51.	3.1	14
6	Nanoparticulate matter exposure results in white matter damage and an inflammatory microglial response in an experimental murine model. <i>PLoS ONE</i> , 2021, 16, e0253766.	2.5	12
7	Cerebral cortex and blood transcriptome changes in mouse neonates prenatally exposed to air pollution particulate matter. <i>Journal of Neurodevelopmental Disorders</i> , 2021, 13, 30.	3.1	9
8	Air Pollution Particulate Matter Exposure and Chronic Cerebral Hypoperfusion and Measures of White Matter Injury in a Murine Model. <i>Environmental Health Perspectives</i> , 2021, 129, 87006.	6.0	22
9	Fasting-mimicking diet prevents high-fat diet effect on cardiometabolic risk and lifespan. <i>Nature Metabolism</i> , 2021, 3, 1342-1356.	11.9	34
10	Air Pollution Particulate Matter Amplifies White Matter Vascular Pathology and Demyelination Caused by Hypoperfusion. <i>Frontiers in Immunology</i> , 2021, 12, 785519.	4.8	14
11	Inhibiting Bach1 enhanced the activation of Nrf2 signaling and the degradation of HNE in response to oxidative stress.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e053235.	0.8	0
12	Reductions in ApoE and GPx4 highlight the Alzheimer's disease lipid raft vulnerability.. <i>Alzheimer's and Dementia</i> , 2021, 17 Suppl 3, e054511.	0.8	0
13	Traffic-related air pollutants (TRAP-PM) promote neuronal amyloidogenesis through oxidative damage to lipid rafts. <i>Free Radical Biology and Medicine</i> , 2020, 147, 242-251.	2.9	56
14	Effects of ambient particulate matter on vascular tissue: a review. <i>Journal of Toxicology and Environmental Health - Part B: Critical Reviews</i> , 2020, 23, 319-350.	6.5	47
15	Early developmental exposure to air pollution increases the risk of Alzheimers disease and amyloid production: Studies in mouse and <i>Caenorhabditis elegans</i> . <i>Alzheimer's and Dementia</i> , 2020, 16, e043846.	0.8	0
16	Reduction of lipid peroxidase levels in EFAD mouse model. <i>Alzheimer's and Dementia</i> , 2020, 16, e044143.	0.8	0
17	Air Pollution Neurotoxicity in the Adult Brain: Emerging Concepts from Experimental Findings. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 773-797.	2.6	27
18	Adult mouse hippocampal transcriptome changes associated with long-term behavioral and metabolic effects of gestational air pollution toxicity. <i>Translational Psychiatry</i> , 2020, 10, 218.	4.8	23

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19	Toxicity of urban air pollution particulate matter in developing and adult mouse brain: Comparison of total and filter-eluted nanoparticles. <i>Environment International</i> , 2020, 136, 105510.	10.0	64
20	Mouse brain transcriptome responses to inhaled nanoparticulate matter differed by sex and APOE in Nrf2-Nfkb interactions. <i>ELife</i> , 2020, 9, .	6.0	22
21	Cell-based assays that predict in vivo neurotoxicity of urban ambient nano-sized particulate matter. <i>Free Radical Biology and Medicine</i> , 2019, 145, 33-41.	2.9	25
22	Air Pollution Alters <i>Caenorhabditis elegans</i> Development and Lifespan: Responses to Traffic-Related Nanoparticulate Matter. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1189-1197.	3.6	27
23	Exposure to Nanoscale Particulate Matter from Gestation to Adulthood Impairs Metabolic Homeostasis in Mice. <i>Scientific Reports</i> , 2019, 9, 1816.	3.3	21
24	NOVEL GAMMA-SECRETASE MODULATOR REGULATES APP PROCESSING AND INFLAMMATORY RESPONSES IN NPM-EXPOSED MICE. <i>Innovation in Aging</i> , 2019, 3, S93-S93.	0.1	0
25	CAENORHABDITIS ELEGANS AS A MODEL OF AIR POLLUTION TOXICITY DURING DEVELOPMENT AND LIFESPAN. <i>Innovation in Aging</i> , 2019, 3, S97-S97.	0.1	0
26	Ageing attenuates redox adaptive homeostasis and proteostasis in female mice exposed to traffic-derived nanoparticles (â€ˆvehicular smogâ€ˆ™). <i>Free Radical Biology and Medicine</i> , 2018, 121, 86-97.	2.9	36
27	Nanoparticulate matter exposure results in neuroinflammatory changes in the corpus callosum. <i>PLoS ONE</i> , 2018, 13, e0206934.	2.5	40
28	Diurnal variation in the proinflammatory activity of urban fine particulate matter (PM2.5) by in vitro assays. <i>F1000Research</i> , 2018, 7, 596.	1.6	4
29	Diurnal variation in the proinflammatory activity of urban fine particulate matter (PM2.5) by in vitro assays. <i>F1000Research</i> , 2018, 7, 596.	1.6	3
30	Effects of Prolonged GRP78 Haploinsufficiency on Organ Homeostasis, Behavior, Cancer and Chemotoxic Resistance in Aged Mice. <i>Scientific Reports</i> , 2017, 7, 40919.	3.3	11
31	Fasting-mimicking diet and markers/risk factors for aging, diabetes, cancer, and cardiovascular disease. <i>Science Translational Medicine</i> , 2017, 9, .	12.4	363
32	Toll-like receptor 4 in glial inflammatory responses to air pollution in vitro and in vivo. <i>Journal of Neuroinflammation</i> , 2017, 14, 84.	7.2	107
33	Traffic-related air pollution impact on mouse brain accelerates myelin and neuritic aging changes with specificity for CA1 neurons. <i>Neurobiology of Aging</i> , 2017, 53, 48-58.	3.1	91
34	Nanoscale Particulate Matter from Urban Traffic Rapidly Induces Oxidative Stress and Inflammation in Olfactory Epithelium with Concomitant Effects on Brain. <i>Environmental Health Perspectives</i> , 2016, 124, 1537-1546.	6.0	127
35	Fasting-Mimicking Diet Reduces HO-1 to Promote T-Cell-Mediated Tumor Cytotoxicity. <i>Cancer Cell</i> , 2016, 30, 136-146.	16.8	289
36	A Diet Mimicking Fasting Promotes Regeneration and Reduces Autoimmunity and Multiple Sclerosis Symptoms. <i>Cell Reports</i> , 2016, 15, 2136-2146.	6.4	371

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37	Urban traffic-derived nanoparticulate matter reduces neurite outgrowth via TNF \pm in vitro. <i>Journal of Neuroinflammation</i> , 2016, 13, 19.	7.2	58
38	The APOE4 allele shows opposite sex bias in microbleeds and Alzheimer's disease of humans and mice. <i>Neurobiology of Aging</i> , 2016, 37, 47-57.	3.1	70
39	Stroke Damage Is Exacerbated by Nano-Size Particulate Matter in a Mouse Model. <i>PLoS ONE</i> , 2016, 11, e0153376.	2.5	23
40	Astrocytic estrogen receptors and impaired neurotrophic responses in a rat model of perimenopause. <i>Frontiers in Aging Neuroscience</i> , 2015, 7, 179.	3.4	11
41	Traffic-related air pollution and brain development. <i>AIMS Environmental Science</i> , 2015, 2, 353-373.	1.4	41
42	Hepatic but Not CNS-Expressed Human C-Reactive Protein Inhibits Experimental Autoimmune Encephalomyelitis in Transgenic Mice. <i>Autoimmune Diseases</i> , 2015, 2015, 1-8.	0.6	12
43	A Periodic Diet that Mimics Fasting Promotes Multi-System Regeneration, Enhanced Cognitive Performance, and Healthspan. <i>Cell Metabolism</i> , 2015, 22, 86-99.	16.2	635
44	The perimenopausal aging transition in the female rat brain: decline in bioenergetic systems and synaptic plasticity. <i>Neurobiology of Aging</i> , 2015, 36, 2282-2295.	3.1	80
45	Short-term calorie and protein restriction provide partial protection from chemotoxicity but do not delay glioma progression. <i>Experimental Gerontology</i> , 2013, 48, 1120-1128.	2.8	71
46	Ambient ultrafine particles alter lipid metabolism and HDL anti-oxidant capacity in LDLR-null mice. <i>Journal of Lipid Research</i> , 2013, 54, 1608-1615.	4.2	95
47	Urban air pollutants reduce synaptic function of CA1 neurons via an NMDA/N N^{E} pathway in vitro. <i>Journal of Neurochemistry</i> , 2013, 127, 509-519.	3.9	60
48	Prenatal Exposure to Urban Air Nanoparticles in Mice Causes Altered Neuronal Differentiation and Depression-Like Responses. <i>PLoS ONE</i> , 2013, 8, e64128.	2.5	103
49	Age-changes in gene expression in primary mixed glia cultures from young vs. old rat cerebral cortex are modified by interactions with neurons. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 797-802.	4.1	6
50	Nrf2-regulated phase II enzymes are induced by chronic ambient nanoparticle exposure in young mice with age-related impairments. <i>Free Radical Biology and Medicine</i> , 2012, 52, 2038-2046.	2.9	136
51	Glutamatergic Neurons in Rodent Models Respond to Nanoscale Particulate Urban Air Pollutants in Vivo and in Vitro. <i>Environmental Health Perspectives</i> , 2011, 119, 1003-1009.	6.0	174
52	Caloric restriction attenuates A β 2-deposition in Alzheimer transgenic models. <i>Neurobiology of Aging</i> , 2005, 26, 995-1000.	3.1	309
53	Progressive changes in regulation of apolipoproteins E and J in glial cultures during postnatal development and aging. <i>Neuroscience Letters</i> , 2004, 371, 199-204.	2.1	12
54	Aging and glial responses to lipopolysaccharide in vitro: greater induction of IL-1 and IL-6, but smaller induction of neurotoxicity. <i>Experimental Neurology</i> , 2003, 182, 135-141.	4.1	117

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55	Vaccination with soluble A β oligomers generates toxicity-neutralizing antibodies. Journal of Neurochemistry, 2001, 79, 595-605.	3.9	309
56	Astrocytes and Microglia Respond to Estrogen with Increased apoE mRNA in Vivo and in Vitro. Experimental Neurology, 1997, 143, 313-318.	4.1	225
57	Kainic Acid and Decorticating Lesions Stimulate the Synthesis of C1q Protein in Adult Rat Brain. Journal of Neurochemistry, 1997, 68, 2046-2052.	3.9	38
58	TGF α 1 is an organizer of responses to neurodegeneration. Journal of Cellular Biochemistry, 1993, 53, 314-322.	2.6	196
59	Diurnal variation in the proinflammatory activity of urban fine particulate matter (PM2.5) by in vitro assays. F1000Research, 0, 7, 596.	1.6	5