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List of Publications by Year in descending order

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39
papers

1,035
citations

361045

20
h-index

414034

32
g-index

42
all docs

42
docs citations

42
times ranked

1265
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of S-adenosylmethionine on lipid peroxidation and liver fibrogenesis in carbon tetrachloride-induced cirrhosis. <i>Journal of Hepatology</i> , 1996, 25, 200-205.	1.8	111
2	Pro-oxidant activity of aluminum in the rat hippocampus: gene expression of antioxidant enzymes after melatonin administration. <i>Free Radical Biology and Medicine</i> , 2005, 38, 104-111.	1.3	90
3	Time-Course Of Changes In Hepatic Lipid Peroxidation And Glutathione Metabolism In Rats With Carbon Tetrachloride-Induced Cirrhosis. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2000, 27, 694-699.	0.9	79
4	Hepatic paraoxonase activity alterations and free radical production in rats with experimental cirrhosis. <i>Metabolism: Clinical and Experimental</i> , 2001, 50, 997-1000.	1.5	66
5	Inhibition of hepatic cell nuclear DNA fragmentation by zinc in carbon tetrachloride-treated rats. <i>Journal of Hepatology</i> , 1999, 31, 228-234.	1.8	55
6	Specific gene hypomethylation and cancer: New insights into coding region feature trends. <i>Bioinformatics</i> , 2009, 3, 340-343.	0.2	51
7	Aluminum exposure through the diet: Metal levels in A β 2PP transgenic mice, a model for Alzheimer's disease. <i>Toxicology</i> , 2008, 249, 214-219.	2.0	50
8	Adulthood dietary exposure to a common pesticide leads to an obese-like phenotype and a diabetic profile in apoE3 mice. <i>Environmental Research</i> , 2015, 142, 169-176.	3.7	46
9	Amyloid β Peptide Levels Increase in Brain of A β 2PP Swedish Mice after Exposure to Chlorpyrifos. <i>Current Alzheimer Research</i> , 2011, 8, 732-740.	0.7	44
10	Evaluation of the protective role of melatonin on the behavioral effects of aluminum in a mouse model of Alzheimer's disease. <i>Toxicology</i> , 2009, 265, 49-55.	2.0	38
11	Parameters related to oxygen free radicals in erythrocytes, plasma and epidermis of the hairless rat. <i>Life Sciences</i> , 2002, 71, 1739-1749.	2.0	34
12	Effects of high-fat, low-cholesterol diets on hepatic lipid peroxidation and antioxidants in apolipoprotein E-deficient mice. <i>Molecular and Cellular Biochemistry</i> , 2001, 218, 165-169.	1.4	32
13	Chronic exposure to chlorpyrifos triggered body weight increase and memory impairment depending on human apoE polymorphisms in a targeted replacement mouse model. <i>Physiology and Behavior</i> , 2015, 144, 37-45.	1.0	32
14	Oxidative Stress-Related Markers and Langerhans Cells in a Hairless Rat Model Exposed to UV Radiation. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2006, 69, 1371-1385.	1.1	30
15	Impaired retention in A β 2PP Swedish mice six months after oral exposure to chlorpyrifos. <i>Food and Chemical Toxicology</i> , 2014, 72, 289-294.	1.8	30
16	Apolipoprotein E (APOE) genotype and the pesticide chlorpyrifos modulate attention, motivation and impulsivity in female mice in the 5-choice serial reaction time task. <i>Food and Chemical Toxicology</i> , 2016, 92, 224-235.	1.8	27
17	APOE genotype and postnatal chlorpyrifos exposure modulate gut microbiota and cerebral short-chain fatty acids in preweaning mice. <i>Food and Chemical Toxicology</i> , 2020, 135, 110872.	1.8	25
18	Obesogenic effects of chlorpyrifos and its metabolites during the differentiation of 3T3-L1 preadipocytes. <i>Food and Chemical Toxicology</i> , 2020, 137, 111171.	1.8	24

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19	Postnatal chlorpyrifos exposure and apolipoprotein E (APOE) genotype differentially affect cholinergic expression and developmental parameters in transgenic mice. <i>Food and Chemical Toxicology</i> , 2018, 118, 42-52.	1.8	20
20	Learning, memory and the expression of cholinergic components in mice are modulated by the pesticide chlorpyrifos depending upon age at exposure and apolipoprotein E (APOE) genotype. <i>Archives of Toxicology</i> , 2019, 93, 693-707.	1.9	20
21	Postnatal exposure to chlorpyrifos produces long-term effects on spatial memory and the cholinergic system in mice in a sex- and APOE genotype-dependent manner. <i>Food and Chemical Toxicology</i> , 2018, 122, 1-10.	1.8	19
22	The Antioxidant and Hepato-Protective Effects of Zinc are Related to Hepatic Cytochrome P450 Depression and Metallothionein Induction in Rats with Experimental Cirrhosis. <i>International Journal for Vitamin and Nutrition Research</i> , 2001, 71, 229-236.	0.6	15
23	Two cholinesterase inhibitors trigger dissimilar effects on behavior and body weight in C57BL/6 mice: The case of chlorpyrifos and rivastigmine. <i>Behavioural Brain Research</i> , 2017, 318, 1-11.	1.2	13
24	New mechanistic insights on the metabolic-disruptor role of chlorpyrifos in apoE mice: a focus on insulin- and leptin-signalling pathways. <i>Archives of Toxicology</i> , 2018, 92, 1717-1728.	1.9	13
25	Hepatic production of apolar aldehydes in rats with carbon tetrachloride-induced cirrhosis. <i>Molecular and Cellular Biochemistry</i> , 1999, 198, 57-60.	1.4	10
26	Lipoprotein alterations in liver cirrhosis: a possible contribution to changes in plasma oncotic pressure and viscosity. <i>Journal of Hepatology</i> , 1997, 27, 639-644.	1.8	9
27	Exposure to chlorpyrifos at different ages triggers APOE genotype-specific responses in social behavior, body weight and hypothalamic gene expression. <i>Environmental Research</i> , 2019, 178, 108684.	3.7	9
28	Sex and Exposure to Postnatal Chlorpyrifos Influence the Epigenetics of Feeding-Related Genes in a Transgenic APOE Mouse Model: Long-Term Implications on Body Weight after a High-Fat Diet. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 184.	1.2	7
29	Urinary levels of metallothioneins and metals in subjects from a semiindustrialized area in Tarragona Province of Spain. <i>Biological Trace Element Research</i> , 1998, 63, 113-121.	1.9	5
30	Melatonin does not modify the concentration of different metals in A β 2PP transgenic mice. <i>Food and Chemical Toxicology</i> , 2014, 70, 252-259.	1.8	5
31	Long lasting behavioural effects on cuprizone fed mice after neurotoxicant withdrawal. <i>Behavioural Brain Research</i> , 2019, 363, 38-44.	1.2	5
32	A First-Stage Approximation to Identify New Imprinted Genes through Sequence Analysis of Its Coding Regions. <i>Comparative and Functional Genomics</i> , 2009, 2009, 1-7.	2.0	4
33	APOE genetic background and sex confer different vulnerabilities to postnatal chlorpyrifos exposure and modulate the response to cholinergic drugs. <i>Behavioural Brain Research</i> , 2019, 376, 112195.	1.2	4
34	Influence of Gestational Chlorpyrifos Exposure on ASD-like Behaviors in an fmr1-KO Rat Model. <i>Molecular Neurobiology</i> , 2022, 59, 5835-5855.	1.9	4
35	Semiautomated determination of glycated albumin in glycaemic control of diabetic patients. <i>Clinical Biochemistry</i> , 1994, 27, 307-309.	0.8	2
36	Improvement of APOE4-dependent non-cognitive behavioural traits by postnatal cholinergic stimulation in female mice. <i>Behavioural Brain Research</i> , 2020, 384, 112552.	1.2	2

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37	Phylogenetic analysis of homologous fatty acid synthase and polyketide synthase involved in aflatoxin biosynthesis. <i>Bioinformation</i> , 2008, 3, 33-40.	0.2	1
38	Long-term oral administration of melatonin does not improve beta-amyloid deposition, caspase 3, and SOD2 levels in 3 aluminum-treated Tg2576 mice. <i>Trace Elements and Electrolytes</i> , 2018, 35, 20-31.	0.1	1
39	Melatonin increases gene expression of superoxide dismutase and catalase in brain of APP transgenic mice after chronic exposure to aluminum. <i>Toxicology Letters</i> , 2010, 196, S219.	0.4	0