

Domènec J Sanchez

List of Publications by Year in descending order

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55
papers

1,789
citations

218592
26
h-index

289141
40
g-index

55
all docs

55
docs citations

55
times ranked

1979
citing authors

#	ARTICLE	IF	CITATIONS
1	Toxicology of vanadium compounds in diabetic rats: The action of chelating agents on vanadium accumulation. <i>Molecular and Cellular Biochemistry</i> , 1995, 153, 233-240.	1.4	99
2	Effects of exposure to BDE-99 on oxidative status of liver and kidney in adult rats. <i>Toxicology</i> , 2010, 271, 51-56.	2.0	78
3	Aluminum-induced pro-oxidant effects in rats: protective role of exogenous melatonin. <i>Journal of Pineal Research</i> , 2003, 35, 32-39.	3.4	70
4	Sulfasalazine induced oxidative stress: A possible mechanism of male infertility. <i>Reproductive Toxicology</i> , 2009, 27, 35-40.	1.3	68
5	Assessment of the pro-oxidant activity of uranium in kidney and testis of rats. <i>Toxicology Letters</i> , 2006, 167, 152-161.	0.4	65
6	Maternal and developmental toxicity of manganese in the mouse. <i>Toxicology Letters</i> , 1993, 69, 45-52.	0.4	63
7	Influence of Age on Aluminum-Induced Neurobehavioral Effects and Morphological Changes in Rat Brain. <i>NeuroToxicology</i> , 2002, 23, 775-781.	1.4	61
8	Combined action of uranium and stress in the rat. <i>Toxicology Letters</i> , 2005, 158, 186-195.	0.4	59
9	Oral exposure to silver nanoparticles increases oxidative stress markers in the liver of male rats and deregulates the insulin signalling pathway and p53 and cleaved caspase 3 protein expression. <i>Food and Chemical Toxicology</i> , 2018, 115, 398-404.	1.8	58
10	Behavioral effects and oxidative status in brain regions of adult rats exposed to BDE-99. <i>Toxicology Letters</i> , 2010, 194, 1-7.	0.4	54
11	Effects of BDE-99 on hormone homeostasis and biochemical parameters in adult male rats. <i>Food and Chemical Toxicology</i> , 2010, 48, 2206-2211.	1.8	52
12	The effect of age on aluminum retention in rats. <i>Toxicology</i> , 1997, 116, 1-8.	2.0	51
13	Pro-oxidant effects in the brain of rats concurrently exposed to uranium and stress. <i>Toxicology</i> , 2007, 236, 82-91.	2.0	49
14	Oral subchronic exposure to silver nanoparticles in rats. <i>Food and Chemical Toxicology</i> , 2016, 92, 177-187.	1.8	49
15	Effects of oral exposure to silver nanoparticles on the sperm of rats. <i>Reproductive Toxicology</i> , 2016, 60, 133-139.	1.3	49
16	Polyvinyl pyrrolidone-coated silver nanoparticles in a human lung cancer cells: time- and dose-dependent influence over p53 and caspase-3 protein expression and epigenetic effects. <i>Archives of Toxicology</i> , 2017, 91, 651-666.	1.9	46
17	Perinatal exposure to BDE-99 causes learning disorders and decreases serum thyroid hormone levels and BDNF gene expression in hippocampus in rat offspring. <i>Toxicology</i> , 2013, 308, 122-128.	2.0	42
18	Nephrotoxicity of Simultaneous Exposure to Mercury and Uranium in Comparison to Individual Effects of These Metals in Rats. <i>Biological Trace Element Research</i> , 2001, 84, 139-154.	1.9	41

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19	Melatonin reduces uranium-induced nephrotoxicity in rats. <i>Journal of Pineal Research</i> , 2007, 43, 87-95.	3.4	37
20	Effects of Vanadium on Activity and Learning in Rats. <i>Physiology and Behavior</i> , 1998, 63, 345-350.	1.0	36
21	Combined action of uranium and stress in the rat. <i>Toxicology Letters</i> , 2005, 158, 176-185.	0.4	35
22	Silicon Reduces Aluminum Accumulation in Rats: Relevance to the Aluminum Hypothesis of Alzheimer Disease. <i>Alzheimer Disease and Associated Disorders</i> , 1998, 12, 83-87.	0.6	34
23	Lipid peroxidation and antioxidant status in kidney and liver of rats treated with sulfasalazine. <i>Toxicology</i> , 2009, 256, 152-156.	2.0	33
24	BDE-99 deregulates BDNF, Bcl-2 and the mRNA expression of thyroid receptor isoforms in rat cerebellar granular neurons. <i>Toxicology</i> , 2011, 290, 305-311.	2.0	33
25	Age-related effects of aluminum ingestion on brain aluminum accumulation and behavior in rats. <i>Life Sciences</i> , 1996, 58, 1387-1395.	2.0	32
26	Interactions in Developmental Toxicology: Effects of Concurrent Exposure to Lead, Organic Mercury, and Arsenic in Pregnant Mice. <i>Archives of Environmental Contamination and Toxicology</i> , 2002, 42, 93-98.	2.1	32
27	Gestational Exposure to BDE-99 Produces Toxicity Through Upregulation of CYP Isoforms and ROS Production in the Fetal Rat Liver. <i>Toxicological Sciences</i> , 2012, 127, 296-302.	1.4	26
28	Effects of Aluminium on the Mineral Metabolism of Rats in Relation to Age. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1997, 80, 11-17.	0.0	25
29	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
30	Interactions of Caffeine and Restraint Stress During Pregnancy in Mice. <i>Experimental Biology and Medicine</i> , 2002, 227, 779-785.	1.1	23
31	Interactions in developmental toxicology: Combined action of restraint stress, caffeine, and aspirin in pregnant mice. <i>Teratology</i> , 2001, 63, 144-151.	1.7	22
32	Restraint stress does not enhance the uranium-induced developmental and behavioral effects in the offspring of uranium-exposed male rats. <i>Toxicology</i> , 2005, 215, 69-79.	2.0	22
33	Exposure of pregnant rats to uranium and restraint stress: Effects on postnatal development and behavior of the offspring. <i>Toxicology</i> , 2006, 228, 323-332.	2.0	22
34	Behavioral Effects of Aluminum in Mice: Influence of Restraint Stress. <i>Neuropsychobiology</i> , 1999, 40, 142-149.	0.9	21
35	Relative efficacy of chelating agents on excretion and tissue distribution of manganese in mice. <i>Journal of Applied Toxicology</i> , 1995, 15, 285-288.	1.4	20
36	Evaluation of the protective activity of deferiprone, an aluminum chelator, on aluminum-induced developmental toxicity in mice. <i>Teratology</i> , 2000, 62, 86-92.	1.7	20

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37	Embryotoxic and teratogenic effects of intraperitoneally administered metavanadate in mice. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 1992, 37, 47-56.	1.1	19
38	Tiron administration minimizes the toxicity of vanadate but not its insulin mimetic properties in diabetic rats. <i>Life Sciences</i> , 1992, 50, 1311-1317.	2.0	18
39	Prevention by sodium 4,5-dihydroxybenzene1,3-disulfonate (tiron) of vanadium-induced behavioral toxicity in rats. <i>Biological Trace Element Research</i> , 1999, 69, 249-259.	1.9	18
40	Influence of Maternal Stress on Uranium-Induced Developmental Toxicity in Rats. <i>Experimental Biology and Medicine</i> , 2003, 228, 1072-1077.	1.1	18
41	Effects of Oral Aluminum on Essential Trace Elements Metabolism During Pregnancy. <i>Biological Trace Element Research</i> , 2001, 79, 67-81.	1.9	17
42	Effect of various dietary constituents on gastrointestinal absorption of aluminum from drinking water and diet. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1993, 79, 377-80.	0.2	17
43	Evaluation of the protective activity of 2,3-dimercaptopropanol and sodium 2,3-dimercaptopropane-1-sulfonate on methylmercury-induced developmental toxicity in mice. <i>Archives of Environmental Contamination and Toxicology</i> , 1994, 26, 64-68.	2.1	15
44	Effects of meso-2,3-Dimercaptosuccinic Acid (DMSA) on Methyl Mercury-Induced Teratogenesis in Mice. <i>Ecotoxicology and Environmental Safety</i> , 1993, 26, 33-39.	2.9	14
45	Perinatal Exposure to BDE-99 Causes Decreased Protein Levels of Cyclin D1 via GSK3 β Activation and Increased ROS Production in Rat Pup Livers. <i>Toxicological Sciences</i> , 2014, 137, 491-498.	1.4	14
46	Concentrations of some essential elements in the brain of aluminum-exposed rats in relation to the age of exposure. <i>Archives of Gerontology and Geriatrics</i> , 1997, 24, 287-294.	1.4	13
47	Lack of Protective Effects of Dietary Silicon on Aluminium-Induced Maternal and Developmental Toxicity in Mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1999, 85, 1-6.	0.0	13
48	Prenatal Effects of Caffeine and Restraint Stress in Mice. <i>Proceedings of the Society for Experimental Biology and Medicine</i> , 1999, 220, 106-111.	2.0	13
49	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
50	Exposure of pregnant mice to aluminum and restraint stress: Effects on postnatal development and behavior of the offspring. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 1999, 27, 521-529.	1.2	12
51	Assessment of the protective activity of monoisomyl meso-2,3-dimercaptosuccinate against methylmercury-induced maternal and embryo/fetal toxicity in mice. <i>Toxicology</i> , 1996, 106, 93-97.	2.0	9
52	Oral vanadate and Tiron in treatment of diabetes mellitus in rats: improvement of glucose homeostasis and negative side-effects. <i>Veterinary and Human Toxicology</i> , 1993, 35, 495-500.	0.3	6
53	Prenatal Effects of Caffeine and Restraint Stress in Mice. <i>Experimental Biology and Medicine</i> , 1999, 220, 106-111.	1.1	5
54	Administration of vanadyl sulfate by gavage does not normalize blood glucose levels in streptozotocin-induced diabetic rats. <i>Research Communications in Chemical Pathology and Pharmacology</i> , 1992, 75, 369-72.	0.2	2

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55	Developmental toxicity of cyclohexanediaminetetraacetic acid (CDTA) in mice. Research Communications in Chemical Pathology and Pharmacology, 1994, 83, 329-40.	0.2	2