

Mercedes Gmez

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.

52
papers

1,582
citations

24
h-index

38
g-index

52
ext. papers

1,711
ext. citations

6
avg, IF

4.15
L-index

#	Paper	IF	Citations
52	Maternal exposure to mixtures of dienestrol, linuron and flutamide. Part I: Feminization effects on male rat offspring. <i>Food and Chemical Toxicology</i> , 2020 , 139, 111256	4.7	2
51	Oxidative stress in testes of rats exposed to n-butylparaben. <i>Food and Chemical Toxicology</i> , 2019 , 131, 110573	4.7	7
50	Oral exposure of rats to dienestrol during gestation and lactation: Effects on the reproductive system of male offspring. <i>Food and Chemical Toxicology</i> , 2019 , 128, 193-201	4.7	5
49	Role of Melatonin in Aluminum-Related Neurodegenerative Disorders: a Review. <i>Biological Trace Element Research</i> , 2019 , 188, 60-67	4.5	13
48	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	4.7	37
47	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	5.8	28
46	Mechanochemically synthesized Ag-based nanohybrids with unprecedented low toxicity in biomedical applications. <i>Environmental Research</i> , 2017 , 154, 204-211	7.9	12
45	Effects on the reproductive system of young male rats of subcutaneous exposure to n-butylparaben. <i>Food and Chemical Toxicology</i> , 2017 , 106, 47-57	4.7	20
44	Vanadium compounds for the treatment of human diabetes mellitus: A scientific curiosity? A review of thirty years of research. <i>Food and Chemical Toxicology</i> , 2016 , 95, 137-41	4.7	51
43	Oral subchronic exposure to silver nanoparticles in rats. <i>Food and Chemical Toxicology</i> , 2016 , 92, 177-87	4.7	41
42	Bioinspired Porous ZnO Nanomaterials from Fungal Polysaccharides: Advanced Materials with Unprecedented Low Toxicity in Vitro for Human Cells. <i>ACS Sustainable Chemistry and Engineering</i> , 2015 , 3, 2716-2725	8.3	13
41	Chronic exposure to aluminum and melatonin through the diet: neurobehavioral effects in a transgenic mouse model of Alzheimer disease. <i>Food and Chemical Toxicology</i> , 2014 , 69, 320-9	4.7	26
40	Melatonin does not modify the concentration of different metals in ABP transgenic mice. <i>Food and Chemical Toxicology</i> , 2014 , 70, 252-9	4.7	3
39	Recognition memory and amyloid plaques in adult Tg2576 mice are not modified after oral exposure to aluminum. <i>Alzheimer Disease and Associated Disorders</i> , 2012 , 26, 179-85	2.5	11
38	Oral silicon supplementation: an effective therapy for preventing oral aluminum absorption and retention in mammals. <i>Nutrition Reviews</i> , 2011 , 69, 41-51	6.4	23
37	Role of deferoxamine on enzymatic stress markers in an animal model of Alzheimer's disease after chronic aluminum exposure. <i>Biological Trace Element Research</i> , 2011 , 141, 232-45	4.5	10
36	Oxidative stress status and RNA expression in hippocampus of an animal model of Alzheimer's disease after chronic exposure to aluminum. <i>Hippocampus</i> , 2010 , 20, 218-25	3.5	54

35	Protective role of melatonin on oxidative stress status and RNA expression in cerebral cortex and cerebellum of AbetaPP transgenic mice after chronic exposure to aluminum. <i>Biological Trace Element Research</i> , 2010 , 135, 220-32	4.5	18
34	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	4.4	34
33	Aluminum exposure through the diet: metal levels in AbetaPP transgenic mice, a model for Alzheimer's disease. <i>Toxicology</i> , 2008 , 249, 214-9	4.4	46
32	Pro-oxidant effects in the brain of rats concurrently exposed to uranium and stress. <i>Toxicology</i> , 2007 , 236, 82-91	4.4	41
31	Perfluorinated chemicals in blood of residents in Catalonia (Spain) in relation to age and gender: a pilot study. <i>Environment International</i> , 2007 , 33, 616-23	12.9	126
30	Exposure of pregnant rats to uranium and restraint stress: effects on postnatal development and behavior of the offspring. <i>Toxicology</i> , 2006 , 228, 323-32	4.4	18
29	Combined action of uranium and stress in the rat. I. Behavioral effects. <i>Toxicology Letters</i> , 2005 , 158, 176-85	4.4	31
28	Melatonin reduces oxidative stress and increases gene expression in the cerebral cortex and cerebellum of aluminum-exposed rats. <i>Journal of Pineal Research</i> , 2005 , 39, 129-36	10.4	77
27	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, 104-11	7.8	80
26	Influence of maternal stress on uranium-induced developmental toxicity in rats. <i>Experimental Biology and Medicine</i> , 2003 , 228, 1072-7	3.7	15
25	Aluminum-induced pro-oxidant effects in rats: protective role of exogenous melatonin. <i>Journal of Pineal Research</i> , 2003 , 35, 32-9	10.4	58
24	Age-Related differences on aluminium mobilization by chelating agents in aluminium-loaded uraemic rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2000 , 87, 33-8		11
23	Comparative efficacy of several potential treatments for copper mobilization in copper-overloaded rats. <i>Biological Trace Element Research</i> , 2000 , 74, 127-39	4.5	
22	Aluminium distribution and excretion: a comparative study of a number of chelating agents in rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1998 , 82, 295-300		21
21	Concurrent administration of D-penicillamine and zinc has no advantages over the use of either single agent on copper excretion in the rat. <i>Toxicology</i> , 1998 , 126, 195-201	4.4	2
20	Comparative aluminum mobilizing actions of deferoxamine and four 3-hydroxypyrid-4-ones in aluminum-loaded rats. <i>Toxicology</i> , 1998 , 130, 175-81	4.4	29
19	Effects of aluminium on the mineral metabolism of rats in relation to age. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1997 , 80, 11-7		20
18	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, 287-94	4	12

17	The effect of age on aluminum retention in rats. <i>Toxicology</i> , 1997 , 116, 1-8	4.4	48
16	Assessment of the protective activity of monisoamyl meso-2,3-dimercaptosuccinate against methylmercury-induced maternal and embryo/fetal toxicity in mice. <i>Toxicology</i> , 1996 , 106, 93-7	4.4	8
15	Toxicology of vanadium compounds in diabetic rats: the action of chelating agents on vanadium accumulation. <i>Molecular and Cellular Biochemistry</i> , 1995 , 153, 233-40	4.2	88
14	Effects of some chelating agents on urinary copper excretion by the rat. <i>Chemical Research in Toxicology</i> , 1995 , 8, 942-8	4	9
13	Toxicology of vanadium compounds in diabetic rats: The action of chelating agents on vanadium accumulation 1995 , 233-240		
12	Lack of maternal and developmental toxicity in mice given high doses of aluminium hydroxide and ascorbic acid during gestation. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1994 , 74, 236-9		19
11	Developmental toxicity evaluation of gallium nitrate in mice. <i>Archives of Toxicology</i> , 1992 , 66, 188-92	5.8	15
10	Oral vanadium administration to streptozotocin-diabetic rats has marked negative side-effects which are independent of the form of vanadium used. <i>Toxicology</i> , 1991 , 66, 279-87	4.4	83
9	Developmental toxicity evaluation of oral aluminum in rats: influence of citrate. <i>Neurotoxicology and Teratology</i> , 1991 , 13, 323-8	3.9	47
8	Influence of some dietary constituents on aluminum absorption and retention in rats. <i>Kidney International</i> , 1991 , 39, 598-601	9.9	53
7	Improvement of glucose homeostasis by oral vanadyl or vanadate treatment in diabetic rats is accompanied by negative side effects. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1991 , 68, 249-53		35
6	Effect of ascorbic acid on gastrointestinal aluminium absorption. <i>Lancet, The</i> , 1991 , 338, 1467	4.0	22
5	Developmental toxicity of vanadium in mice after oral administration. <i>Journal of Applied Toxicology</i> , 1990 , 10, 181-6	4.1	46
4	Treatment of experimental acute uranium poisoning by chelating agents. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1989 , 64, 247-51		28
3	Lack of teratogenicity of aluminum hydroxide in mice. <i>Life Sciences</i> , 1989 , 45, 243-7	6.8	24
2	Citric, malic and succinic acids as possible alternatives to deferoxamine in aluminum toxicity. <i>Journal of Toxicology: Clinical Toxicology</i> , 1988 , 26, 67-79		23
1	Acute toxicity studies of aluminium compounds: antidotal efficacy of several chelating agents. <i>Basic and Clinical Pharmacology and Toxicology</i> , 1987 , 60, 280-3		39