

Maria Rosa Avila-Costa

List of Publications by Year in Descending Order

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Version: 2024-04-28

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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.

37
papers

729
citations

18
h-index

26
g-index

43
ext. papers

807
ext. citations

3.6
avg, IF

2.83
L-index

#	Paper	IF	Citations
37	An Overview of Lung Cancer in Women and the Impact of Estrogen in Lung Carcinogenesis and Lung Cancer Treatment. <i>Frontiers in Medicine</i> , 2021 , 8, 600121	4.9	4
36	Alzheimer-like cell death after vanadium pentoxide inhalation. <i>Heliyon</i> , 2021 , 7, e07856	3.6	1
35	Schwann Cell Autophagy and Necrosis as Mechanisms of Cell Death by. <i>Pathogens</i> , 2020 , 9,	4.5	2
34	Manganese Inhalation Induces Dopaminergic Cell Loss: Relevance to Parkinson Disease 2018 ,		2
33	Neurodegenerative Diseases 2014 ,		2
32	The presence of perforated synapses in the striatum after dopamine depletion, is this a sign of maladaptive brain plasticity?. <i>Microscopy (Oxford, England)</i> , 2014 , 63, 427-35	1.3	4
31	Golgi study of medium spiny neurons from dorsolateral striatum of the turtle <i>Trachemys scripta elegans</i> . <i>Neuroscience Letters</i> , 2013 , 556, 227-231	3.3	3
30	Manganese mixture inhalation is a reliable Parkinson disease model in rats. <i>NeuroToxicology</i> , 2012 , 33, 1346-55	4.4	30
29	Ontogeny of Lafora bodies and neurocytoskeleton changes in Laforin-deficient mice. <i>Experimental Neurology</i> , 2012 , 236, 131-40	5.7	13
28	Effect of chronic L-dopa or melatonin treatments after dopamine deafferentation in rats: dyskinesia, motor performance, and cytological analysis. <i>ISRN Neurology</i> , 2012 , 2012, 360379		11
27	Manganese inhalation as a Parkinson disease model. <i>Parkinsons Disease</i> , 2010 , 2011, 612989	2.6	13
26	L-DOPA treatment reverses the motor alterations induced by manganese exposure as a Parkinson disease experimental model. <i>Neuroscience Letters</i> , 2010 , 471, 79-82	3.3	18
25	Ultrastructural findings in murine seminiferous tubules as a consequence of subchronic vanadium pentoxide inhalation. <i>Reproductive Toxicology</i> , 2007 , 23, 588-92	3.4	22
24	Ipratropium bromide/salbutamol. <i>Reactions Weekly</i> , 2007 , &NA;, 22	0	
23	Thrombocytosis induced in mice after subacute and subchronic V2O5 inhalation. <i>Toxicology and Industrial Health</i> , 2006 , 22, 113-6	1.8	28
22	Lead blood concentrations and renal function evaluation: study in an exposed Mexican population. <i>Environmental Research</i> , 2006 , 100, 227-31	7.9	29
21	Hippocampal cell alterations induced by the inhalation of vanadium pentoxide (V(2)O(5)) promote memory deterioration. <i>NeuroToxicology</i> , 2006 , 27, 1007-12	4.4	43

20	Altered responsiveness of the guinea-pig isolated ileum to smooth muscle stimulants and to electrical stimulation after in situ ischemia. <i>British Journal of Pharmacology</i> , 2006 , 147, 371-8	8.6	12
19	Bromocriptine treatment in a murine Parkinson's model: ultrastructural evaluation after dopaminergic deafferentation. <i>International Journal of Neuroscience</i> , 2005 , 115, 851-9	2	8
18	Ependymal epithelium disruption after vanadium pentoxide inhalation. A mice experimental model. <i>Neuroscience Letters</i> , 2005 , 381, 21-5	3.3	35
17	Inhalation of cadmium, lead or its mixture Effects on the bronchiolar structure and its relation with metal tissue concentrations. <i>Environmental Toxicology and Pharmacology</i> , 2005 , 19, 329-34	5.8	16
16	Inhaled vanadium pentoxide decrease gamma-tubulin of mouse testes at different exposure times. <i>Toxicology and Industrial Health</i> , 2005 , 21, 215-22	1.8	26
15	Sex differences in bronchiolar epithelium response after the inhalation of lead acetate (Pb). <i>Toxicology</i> , 2005 , 207, 323-30	4.4	32
14	DNA damage as an early biomarker of effect in human health. <i>Toxicology and Industrial Health</i> , 2005 , 21, 155-66	1.8	18
13	Bilateral increase of perforated synapses after unilateral dopamine depletion. <i>International Journal of Neuroscience</i> , 2005 , 115, 79-86	2	9
12	Metal mixture inhalation (Cd-Pb) and its effects on the bronchiolar epithelium. An ultrastructural approach. <i>Toxicology and Industrial Health</i> , 2004 , 20, 69-75	1.8	6
11	Nigrostriatal modifications after vanadium inhalation: an immunocytochemical and cytological approach. <i>Neurochemical Research</i> , 2004 , 29, 1365-9	4.6	44
10	Genotoxic differences by sex in nasal epithelium and blood leukocytes in subjects residing in a highly polluted area. <i>Environmental Research</i> , 2004 , 94, 243-8	7.9	22
9	Nasal cytology and genotoxic damage in nasal epithelium and leukocytes: asthmatics versus nonasthmatics. <i>International Archives of Allergy and Immunology</i> , 2003 , 130, 232-5	3.7	4
8	Ultrastructural modifications in the mitochondrion of mouse Sertoli cells after inhalation of lead, cadmium or lead-cadmium mixture. <i>Reproductive Toxicology</i> , 2003 , 17, 561-6	3.4	47
7	Vanadium in ambient air: concentrations in lung tissue from autopsies of Mexico City residents in the 1960s and 1990s. <i>Archives of Environmental Health</i> , 2002 , 57, 446-9		47
6	Differences between hippocampus and cerebral cortex in aged rats in an oxidative stress model. <i>International Journal of Neuroscience</i> , 2002 , 112, 373-81	2	9
5	Motor impairments in an oxidative stress model and its correlation with cytological changes on rat striatum and prefrontal cortex. <i>International Journal of Neuroscience</i> , 2001 , 108, 193-200	2	21
4	Effects of taurine on ozone-induced memory deficits and lipid peroxidation levels in brains of young, mature, and old rats. <i>Environmental Research</i> , 2000 , 82, 7-17	7.9	59
3	Memory deterioration in an oxidative stress model and its correlation with cytological changes on rat hippocampus CA1. <i>Neuroscience Letters</i> , 1999 , 270, 107-9	3.3	54

2	Morphologic alteration of the olfactory bulb after acute ozone exposure in rats. <i>Neuroscience Letters</i> , 1999 , 274, 1-4	3.3	29
1	Aluminum. <i>Methods in Enzymology</i> , 1988 , 158, 289-301	1.7	5