Maria Lusa Mateus

List of Publications by Citations

20 papers	322 citations	10 h-index	17 g-index
29 ext. papers	347 ext. citations	4 avg, IF	2.98 L-index

#	Paper	IF	Citations
20	Lead, Arsenic, and Manganese Metal Mixture Exposures: Focus on Biomarkers of Effect. *Biological Trace Element Research*, **2015**, 166, 13-23	4.5	47
19	Protective effects of ebselen (Ebs) and para-aminosalicylic acid (PAS) against manganese (Mn)-induced neurotoxicity. *Toxicology and Applied Pharmacology*, **2012**, 258, 394-402	4.6	39
18	Biomarkers of exposure and effect as indicators of the interference of selenomethionine on methylmercury toxicity. *Toxicology Letters*, **2007**, 169, 121-8	4.4	34
17	Urinary delta-ALA: a potential biomarker of exposure and neurotoxic effect in rats co-treated with a mixture of lead, arsenic and manganese. *NeuroToxicology*, **2013**, 38, 33-41	4.4	33
16	Cyclization-activated prodrugs. Synthesis, reactivity and toxicity of dipeptide esters of paracetamol. *Bioorganic and Medicinal Chemistry Letters*, **2005**, 15, 1595-8	2.9	28
15	High-fish consumption and risk prevention: assessment of exposure to methylmercury in Portugal. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2008**, 71, 1279-88	3.2	22
14	Determination of trace metals in fruit juices in the Portuguese market. *Toxicology Reports*, **2018**, 5, 434-439	4.9	21
13	Biomarkers of exposure and effect in a working population exposed to lead, manganese and arsenic. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2018**, 81, 983-997	3.2	17
12	Evaluation of neurobehavioral and neuroinflammatory end-points in the post-exposure period in rats sub-acutely exposed to manganese. *Toxicology*, **2013**, 314, 95-9	4.4	15
11	Changes in rat urinary porphyrin profiles predict the magnitude of the neurotoxic effects induced by a mixture of lead, arsenic and manganese. *NeuroToxicology*, **2014**, 45, 168-77	4.4	14
10	Arsenic and manganese alter lead deposition in the rat. *Biological Trace Element Research*, **2014**, 158, 384-91	4.5	10
9	Alternative biomarkers of n-hexane exposure: Characterization of aminoderived pyrroles and thiol-pyrrole conjugates in urine of rats exposed to 2,5-hexanedione. *Toxicology Letters*, **2014**, 224, 54-63	4.4	9
8	Evidence of zinc protection against 2,5-hexanedione neurotoxicity: correlation of neurobehavioral testing with biomarkers of excretion. *NeuroToxicology*, **2002**, 23, 747-54	4.4	8
7	Role of N-acetylcysteine in protecting against 2,5-hexanedione neurotoxicity in a rat model: changes in urinary pyrroles levels and motor activity performance. *Environmental Toxicology and Pharmacology*, **2014**, 38, 807-13	5.8	6
6	Evidence for zinc protection against 2,5-hexanedione toxicity by co-exposure of rats to zinc chloride. *Journal of Applied Toxicology*, **2000**, 20, 211-4	4.1	5
5	Interaction of zinc on biomarker responses in rats exposed to 2,5-hexanedione by two routes of exposure. *Toxicology Letters*, **2001**, 119, 39-47	4.4	5
4	Synthesis, biological evaluation, and molecular modeling of nitrile-containing compounds: Exploring multiple activities as anti-Alzheimer agents. *Drug Development Research*, **2020**, 81, 215-231	5.1	5

3	Metal environmental contamination within different human exposure context- specific and non-specific biomarkers. *Toxicology Letters*, **2020**, 324, 46-53	4.4	2
2	Toxic Mechanisms Underlying Motor Activity Changes Induced by a Mixture of Lead, Arsenic and Manganese **2017**, 3, 31-42		1
1	Assessment of occupational exposures to multiple metals with urinary porphyrin profiles. *Journal of Integrated OMICS*, **2018**, 8,	0.5	1