

Sergio Zarazua

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

502
citations

687363

13
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

658
citing authors

#	ARTICLE	IF	CITATIONS
1	Decreased nitric oxide markers and morphological changes in the brain of arsenic-exposed rats. <i>Toxicology</i> , 2009, 261, 68-75.	4.2	71
2	Decreased Nitric Oxide Production in the Rat Brain after Chronic Arsenic Exposure. <i>Neurochemical Research</i> , 2006, 31, 1069-1077.	3.3	56
3	Decreased arginine methylation and myelin alterations in arsenic exposed rats. <i>NeuroToxicology</i> , 2010, 31, 94-100.	3.0	47
4	Arsenic Exposure Contributes to the Bioenergetic Damage in an Alzheimer's Disease Model. <i>ACS Chemical Neuroscience</i> , 2019, 10, 323-336.	3.5	39
5	Arsenic affects expression and processing of amyloid precursor protein (APP) in primary neuronal cells overexpressing the Swedish mutation of human APP. <i>International Journal of Developmental Neuroscience</i> , 2011, 29, 389-396.	1.6	38
6	Parkinson disease and progressive supranuclear palsy: protein expression in skin. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 191-199.	3.7	29
7	Chronic Arsenic Exposure Increases A β ₄₂ Production and Receptor for Advanced Glycation End Products Expression in Rat Brain. <i>Chemical Research in Toxicology</i> , 2018, 31, 13-21.	3.3	28
8	Lipid Metabolism Alterations in a Rat Model of Chronic and Intergenerational Exposure to Arsenic. <i>BioMed Research International</i> , 2019, 2019, 1-17.	1.9	27
9	Impact of arsenic exposure on clinical biomarkers indicative of cardiovascular disease risk in Mexican women. <i>Ecotoxicology and Environmental Safety</i> , 2019, 169, 678-686.	6.0	23
10	Circulating miRNA-126, -145 and -155 levels in Mexican women exposed to inorganic arsenic via drinking water. <i>Environmental Toxicology and Pharmacology</i> , 2019, 67, 79-86.	4.0	21
11	Exposure to biomass smoke is associated with an increased expression of circulating miRNA-126 and miRNA-155 in Mexican women: a pilot study. <i>Drug and Chemical Toxicology</i> , 2019, 42, 335-342.	2.3	20
12	Methyl group balance in brain and liver: Role of choline on increased S-adenosyl methionine (SAM) demand by chronic arsenic exposure. <i>Toxicology Letters</i> , 2012, 215, 110-118.	0.8	17
13	P2X7 receptors contribute to the currents induced by ATP in guinea pig intestinal myenteric neurons. <i>European Journal of Pharmacology</i> , 2011, 668, 366-372.	3.5	15
14	Population Pharmacokinetics and Dosing Recommendations of Levetiracetam in Adult and Elderly Patients With Epilepsy. <i>Journal of Pharmaceutical Sciences</i> , 2020, 109, 2070-2078.	3.3	14
15	Demyelination associated with chronic arsenic exposure in Wistar rats. <i>Toxicology and Applied Pharmacology</i> , 2020, 393, 114955.	2.8	13
16	Plant-based vaccines for Alzheimer's disease: an overview. <i>Expert Review of Vaccines</i> , 2014, 13, 429-441.	4.4	9
17	Immunotherapies for neurodegenerative diseases: current status and potential of plant-made biopharmaceuticals. <i>Expert Review of Vaccines</i> , 2017, 16, 151-159.	4.4	9
18	LTB-Syn: a recombinant immunogen for the development of plant-made vaccines against synucleinopathies. <i>Planta</i> , 2017, 245, 1231-1239.	3.2	8

#	ARTICLE	IF	CITATIONS
19	Inducible expression of antigens in plants: a study focused on peptides related to multiple sclerosis immunotherapy. <i>Journal of Biotechnology</i> , 2020, 318, 51-56.	3.8	8
20	Quantification of pyrazinamide, isoniazid, acetylisoniazid, and rifampicin by a high-performance liquid chromatography method in human plasma from patients with tuberculosis. <i>Journal of Separation Science</i> , 2021, 44, 521-529.	2.5	8
21	An experimental electronic model for a neuronal cell. <i>European Journal of Physics</i> , 2014, 35, 035007.	0.6	1
22	Life-long arsenic exposure damages the microstructure of the rat hippocampus. <i>Brain Research</i> , 2022, 1775, 147742.	2.2	1