

Alejandro A Canales-Aguirre

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

873
citations

623574

14
h-index

501076

28
g-index

30
all docs

30
docs citations

30
times ranked

1396
citing authors

#	ARTICLE	IF	CITATIONS
1	Mesenchymal stem cell-derived exosomes promote neurogenesis and cognitive function recovery in a mouse model of Alzheimer's disease. <i>Neural Regeneration Research</i> , 2019, 14, 1626.	1.6	155
2	Potential Effects of MSC-Derived Exosomes in Neuroplasticity in Alzheimer's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 317.	1.8	116
3	Potential of Chitosan and Its Derivatives for Biomedical Applications in the Central Nervous System. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 389.	2.0	107
4	Infection Mechanism of SARS-COV-2 and Its Implication on the Nervous System. <i>Frontiers in Immunology</i> , 2020, 11, 621735.	2.2	59
5	Hibiscus sabdariffa L. aqueous extract attenuates hepatic steatosis through down-regulation of PPAR- β and SREBP-1c in diet-induced obese mice. <i>Food and Function</i> , 2013, 4, 618.	2.1	47
6	Dendritic Spine and Synaptic Plasticity in Alzheimer's Disease: A Focus on MicroRNA. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 255.	1.8	44
7	Comparison of the in vivo and in vitro genotoxicity of glyphosate isopropylamine salt in three different organisms. <i>Genetics and Molecular Biology</i> , 2014, 37, 105-110.	0.6	43
8	Curcumin protects against the oxidative damage induced by the pesticide parathion in the hippocampus of the rat brain. <i>Nutritional Neuroscience</i> , 2012, 15, 62-69.	1.5	36
9	Genotoxic Effect of Chronic Exposure to DDT on Lymphocytes, Oral Mucosa and Breast Cells of Female Rats. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 540-553.	1.2	32
10	Experimental Models for the Study of Central Nervous System Infection by SARS-CoV-2. <i>Frontiers in Immunology</i> , 2020, 11, 2163.	2.2	27
11	A Three-Dimensional Alzheimer's Disease Cell Culture Model Using iPSC-Derived Neurons Carrying A246E Mutation in PSEN1. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 151.	1.8	25
12	C-26 and C-30 Apocarotenoids from Seeds of <i>Ditaxis heterantha</i> with Antioxidant Activity and Protection against DNA Oxidative Damage. <i>Journal of Natural Products</i> , 2006, 69, 1140-1144.	1.5	23
13	Sex differences in lipid peroxidation and fatty acid levels in recent onset schizophrenia. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2013, 44, 154-161.	2.5	23
14	Development of the endocrine pancreas and novel strategies for β -cell mass restoration and diabetes therapy. <i>Brazilian Journal of Medical and Biological Research</i> , 2015, 48, 765-776.	0.7	22
15	Presenilin mutations and their impact on neuronal differentiation in Alzheimer's disease. <i>Neural Regeneration Research</i> , 2022, 17, 31.	1.6	17
16	Efecto neuroprotector de fitoquímicos en cultivo de neuronas dopaminérgicas. <i>Neurología</i> , 2019, 34, 114-124.	0.3	14
17	Recombinant Erythropoietin Provides Protection against Renal Fibrosis in Adenine-Induced Chronic Kidney Disease. <i>Mediators of Inflammation</i> , 2020, 2020, 1-11.	1.4	13
18	Particles Containing Cells as a Strategy to Promote Remyelination in Patients With Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020, 11, 638.	1.1	11

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19	Sex-dependent mechanisms involved in renal tolerance to ischemia-reperfusion: Role of inflammation and histone H3 citrullination. <i>Transplant Immunology</i> , 2020, 63, 101331.	0.6	9
20	La eritropoyetina humana recombinante reduce la disfunción sensoriomotora y el deterioro cognitivo en ratas con enfermedad renal crónica. <i>Neurología</i> , 2020, 35, 147-154.	0.3	7
21	Biocompatibility of ferulic/succinic acid-grafted chitosan hydrogels for implantation after brain injury: A preliminary study. <i>Materials Science and Engineering C</i> , 2021, 121, 111806.	3.8	7
22	Aspectos moleculares de la encefalopatía hepática. <i>Neurología</i> , 2010, 25, 239-247.	0.3	6
23	Neuroprotective effects of phytochemicals on dopaminergic neuron cultures. <i>Neurología (English)</i> Tj ETQq1 1 0.784314 rgBT /Overl	0.2	6
24	Intranasal Administration of Undifferentiated Oligodendrocyte Lineage Cells as a Potential Approach to Deliver Oligodendrocyte Precursor Cells into Brain. <i>International Journal of Molecular Sciences</i> , 2021, 22, 10738.	1.8	6
25	The Prospective Antiobesity Effect of Capsaicin Synthetic Analogs: A Matter of Weight. , 2016, 06, .		5
26	Heterogeneity of Genetic Damage in Cervical Nuclei and Lymphocytes in Women with Different Levels of Dysplasia and Cancer-Associated Risk Factors. <i>BioMed Research International</i> , 2015, 2015, 1-6.	0.9	4
27	Wound healing and antioxidant activities of extracts from <i>Musa paradisiaca</i> L. peel. <i>Planta Medica</i> , 2008, 74, .	0.7	3
28	Efecto de la alteración de los niveles de expresión de microARN neurogénicos y su implicación en la agresividad de glioblastomas localizados en la región paraventricular. <i>Neurología</i> , 2022, 37, 781-793.	0.3	1
29	Effects of Etanercept on TNF- α Inhibition in Rats with Adenine-Induced Chronic Kidney Disease. <i>BioMed Research International</i> , 2022, 2022, 1-8.	0.9	0