Ramon Santos El-BachÃ¡

List of Publications by Year
in descending order

41 papers	1,478 citations	393982 19 h-index	315357 38 g-index
41 all docs	41 docs citations	41 times ranked	2586 citing authors

#	Article	IF	Citations
1	Astrocytic modulation of blood brain barrier: perspectives on ParkinsonÃ¢â‚¬â„¢s disease. Frontiers in Cellular Neuroscience, 2014, 8, 211.	1.8	321
2	Oxidative Stress in Neurodegenerative Diseases: Mechanisms and Therapeutic Perspectives. Oxidative Medicine and Cellular Longevity, 2011, 2011, 1-14.	1.9	222
3	Mitochondrial functions in astrocytes: Neuroprotective implications from oxidative damage by rotenone. Neuroscience Research, 2012, 74, 80-90.	1.0	85
4	Drug metabolizing enzymes in cerebrovascular endothelial cells afford a metabolic protection to the brain. Cellular and Molecular Biology, 1999, 45, 15-23.	0.3	74
5	Flavonoids suppress human glioblastoma cell growth by inhibiting cell metabolism, migration, and by regulating extracellular matrix proteins and metalloproteinases expression. Chemico-Biological Interactions, 2015, 242, 123-138.	1.7	68
6	Cytoprotective Effect of Valeriana officinalis Extract on an In Vitro Experimental Model of Parkinson Disease. Neurochemical Research, 2009, 34, 215-220.	1.6	59
7	The flavonoid rutin induces astrocyte and microglia activation and regulates TNF-alpha and NO release in primary glial cell cultures. Cell Biology and Toxicology, 2008, 24, 75-86.	2.4	51
8	Antiproliferative, proapoptotic and morphogenic effects of the flavonoid rutin on human glioblastoma cells. Food Chemistry, 2011, 127, 404-411.	4.2	48
9	Alkaloids from Prosopis juliflora leaves induce glial activation, cytotoxicity and stimulate NO production.. Toxicon, 2007, 49, 601-614.	0.8	45
10	Evaluation of thermal-oxidative stability and antiglioma activity of Zanthoxylum tingoassuiba essential oil entrapped into multi- and unilamellar liposomes. Journal of Liposome Research, 2012, 22, 1-7.	1.5	44
11	Toxic effects of apomorphine on rat cultured neurons and glial C6 cells, and protection with antioxidants. Biochemical Pharmacology, 2001, 61, 73-85.	2.0	37
12	Dietary Antioxidant Deficiency Facilitates Cortical Spreading Depression Induced by Photoactivated Riboflavin. Nutritional Neuroscience, 1998, 1, 205-212.	1.5	35
13	PDGF-BB Protects Mitochondria from Rotenone in T98G Cells. Neurotoxicity Research, 2015, 27, 355-367.	1.3	35
14	Juliprosopine and Juliprosine from Prosopis juliflora Leaves Induce Mitochondrial Damage and Cytoplasmic Vacuolation on Cocultured Glial Cells and Neurons. Chemical Research in Toxicology, 2013, 26, 1810-1820.	1.7	30
15	Catechol cytotoxicity in vitro: Induction of glioblastoma cell death by apoptosis. Human and Experimental Toxicology, 2010, 29, 199-212.	1.1	28
16	Effects of IFN-Î³, TNF-Î±, IL-10 and TGF-Î² on Neospora caninum infection in rat glial cells. Experimental Parasitology, 2013, 133, 269-274.	0.5	28
17	Genotoxicity and morphological changes induced by the alkaloid monocrotaline, extracted from Crotalaria retusa, in a model of glial cells. Toxicon, 2010, 55, 105-117.	0.8	27
18	Assessment of neurotoxicity of monocrotaline, an alkaloid extracted from Crotalaria retusa in astrocyte/neuron co-culture system. NeuroToxicology, 2011, 32, 776-784.	1.4	22

#	Article	IF	Citations
19	Brain rust: Recent discoveries on the role of oxidative stress in neurodegenerative diseases. Nutritional Neuroscience, 2012, 15, 94-102.	1.5	21
20	Astroglial cells in primary culture: A valid model to study Neospora caninum infection in the CNS. Veterinary Immunology and Immunopathology, 2006, 113, 243-247.	0.5	20
21	Neospora caninum: Early immune response of rat mixed glial cultures after tachyzoites infection. Experimental Parasitology, 2010, 124, 442-447.	0.5	18
22	Mechanisms of apomorphine cytoxicity towards rat glioma C6 cells: protection by bovine serum albumin and formation of apomorphine-protein conjugates. Neuroscience Letters, 1999, 263, 25-28.	1.0	17
23	Neospora caninum: Infection induced IL-10 overexpression in rat astrocytes in vitro. Experimental Parasitology, 2006, 112, 193-197.	0.5	17
24	Monocrotaline pyrrol is cytotoxic and alters the patterns of GFAP expression on astrocyte primary cultures. Toxicology in Vitro, 2008, 22, 1191-1197.	1.1	17
25	Flavonoids from the Brazilian plant Croton betulaster inhibit the growth of human glioblastoma cells and induce apoptosis. Revista Brasileira De Farmacognosia, 2016, 26, 34-43.	0.6	14
26	Glucuronidation of apomorphine. Life Sciences, 2000, 67, 1735-1745.	2.0	12
27	8-Methoxypsoralen is a competitive inhibitor of glutathione S-transferase P1-1. Frontiers in Cellular Neuroscience, 2014, 8, 308.	1.8	12
28	The classical photoactivated drug 8-methoxypsoralen and related compounds are effective without UV light irradiation against glioma cells. Neurochemistry International, 2016, 99, 33-41.	1.9	11
29	Role of IFN-ÃŽÂ³ and LPS on neuron/glial co-cultures infected by Neospora caninum. Frontiers in Cellular Neuroscience, 2014, 8, 340.	1.8	10
30	Investigation of toxic factors affecting cells of rat brains exposed to 3-methylcatechol. Brazilian Archives of Biology and Technology, 2007, 50, 839-849.	0.5	8
31	Valeriana officinalis Counteracts Rotenone Effects on Spreading Depression in the Rat Brain in vivo and Protects Against Rotenone Cytotoxicity Toward Rat Glioma C6 Cells in vitro. Frontiers in Neuroscience, 2020, 14, 759.	1.4	7
32	Different Effects of Arborinine Alkaloid Obtained from BrazilianErthela baihensison Spleen and Thymus Cells Stimulatedin Vitrowith Different Mitogens. Immunopharmacology and Immunotoxicology, 2006, 28, 361-376.	1.1	6
33	IDO, COX and iNOS have an important role in the proliferation of Neospora caninum in neuron/glia co-cultures. Veterinary Parasitology, 2019, 266, 96-102.	0.7	6
34	Intergenerational thyroid hormone homeostasis imbalance in cerebellum of rats perinatally exposed to glyphosateâ€based herbicide. Environmental Toxicology, 2021, 36, 1031-1042.	2.1	6
35	Flavonoids Modulate the Proliferation of Neospora caninum in Glial Cell Primary Cultures. Korean Journal of Parasitology, 2014, 52, 613-619.	0.5	5
36	Two new prenylated isoflavones from Deguelia costata. Phytochemistry Letters, 2019, 30, 181-185.	0.6	4

#	Article	IF	Citations
37	Dieta afro-bahiana, estrÃ©s oxidativo y ejercÃ¢cio fÃsico. Revista De Nutricao, 2006, 19, 673-683.	0.4	3
38	RelaÃ§Ãµes da dieta ovo-lÃ¡cteo-vegetariana com o exercÃ¢cio fÃsico e as enzimas antioxidantes superÃ³xido dismutase e catalase. Revista De Nutricao, 2011, 24, 439-448.	0.4	2
39	Natural Antioxidants in Dementia. , 2015, , 827-836.		2
40	Editorial on Cerebral endothelial and glial cells are more than bricks in the Great Wall of the brain: insights into the way the blood-brain barrier actually works (celebrating the centenary of Goldman's) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5		1
41	Astrocyte Reaction to Catechol-Induced Cytotoxicity Relies on the Contact with Microglia Before Isolation. Neurotoxicity Research, 0, , .	1.3	0