Edgar Rangel-Lopez

List of Publications by Year
in descending order

39	774	567281 15	552781 26
papers	citations	h-index	g-index

41	41	41	1324
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Antineoplastic effects of the DNA methylation inhibitor hydralazine and the histone deacetylase inhibitor valproic acid in cancer cell lines. Cancer Cell International, 2006, 6, 2.	4.1	111
2	Entamoeba histolytica: erythrophagocytosis, collagenolysis, and liver abscess production as virulence markers. Transactions of the Royal Society of Tropical Medicine and Hygiene, 1992, 86, 170-172.	1.8	64
3	Application of Nanoparticles on Diagnosis and Therapy in Gliomas. BioMed Research International, 2013, 2013, 1-20.	1.9	62
4	Redox Signaling, Neuroinflammation, and Neurodegeneration. Antioxidants and Redox Signaling, 2018, 28, 1626-1651.	5.4	62
5	Cannabinoid receptor agonists reduce the short-term mitochondrial dysfunction and oxidative stress linked to excitotoxicity in the rat brain. Neuroscience, 2015, 285, 97-106.	2.3	48
6	Heme oxygenase-1 (HO-1) upregulation delays morphological and oxidative damage induced in an excitotoxic/pro-oxidant model in the rat striatum. Neuroscience, 2013, 231, 91-101.	2.3	31
7	The Pharmacological Inhibition of Fatty Acid Amide Hydrolase Prevents Excitotoxic Damage in the Rat Striatum: Possible Involvement of CB1 Receptors Regulation. Molecular Neurobiology, 2019, 56, 844-856.	4.0	24
8	Cannabinoid-profiled agents improve cell survival via reduction of oxidative stress and inflammation, and Nrf2 activation in a toxic model combining hyperglycemia+Aî²1-42 peptide in rat hippocampal neurons. Neurochemistry International, 2020, 140, 104817.	3.8	23
9	Role of Epigenetics and Oxidative Stress in Gliomagenesis. CNS and Neurological Disorders - Drug Targets, 2018, 16, 1090-1098.	1.4	23
10	Antioxidant properties of xanthones from Calophyllum brasiliense: prevention of oxidative damage induced by FeSO4. BMC Complementary and Alternative Medicine, 2013, 13, 262.	3.7	21
11	A Cannabinoid Receptor-Mediated Mechanism Participates in the Neuroprotective Effects of Oleamide Against Excitotoxic Damage in Rat Brain Synaptosomes and Cortical Slices. Neurotoxicity Research, 2020, 37, 126-135.	2.7	21
12	HDAC inhibitor valproic acid upregulates CAR in vitro and in vivo. Genetic Vaccines and Therapy, 2007, 5, 10.	1.5	20
13	Multiple sclerosis in Caucasians and Latino Americans. Autoimmunity, 2011, 44, 571-575.	2.6	20
14	Comparing the Neuroprotective Effects of Caffeic Acid in Rat Cortical Slices and Caenorhabditis elegans: Involvement of Nrf2 and SKN-1 Signaling Pathways. Neurotoxicity Research, 2020, 37, 326-337.	2.7	18
15	An Update in the Use of Antibodies to Treat Glioblastoma Multiforme. Autoimmune Diseases, 2013, 2013, 1-14.	0.6	17
16	Concomitant treatment with pertussis toxin plus temozolomide increases the survival of rats bearing intracerebral RG2 glioma. Journal of Cancer Research and Clinical Oncology, 2014, 140, 291-301.	2.5	15
17	Vitamin A increases nerve growth factor and retinoic acid receptor beta and improves diabetic neuropathy in rats. Translational Research, 2014, 164, 196-201.	5.0	15
18	Adjuvant immunotherapy of C6 glioma in rats with pertussis toxin. Journal of Cancer Research and Clinical Oncology, 2012, 138, 23-33.	2.5	14

#	Article	IF	Citations
19	On the effects of CP 55-940 and other cannabinoid receptor agonists in C6 and U373 cell lines. Toxicology in Vitro, 2015, 29, 1941-1951.	2.4	14
20	Comparative effects on rat primary astrocytes and C6 rat glioma cells cultures after 24-h exposure to silver nanoparticles (AgNPs). Journal of Nanoparticle Research, 2015, 17, 1.	1.9	13
21	URB597 reduces biochemical, behavioral and morphological alterations in two neurotoxic models in rats. Biomedicine and Pharmacotherapy, 2017, 88, 745-753.	5.6	13
22	Comparing the Effects of Chlorogenic Acid and Ilex paraguariensis Extracts on Different Markers of Brain Alterations in Rats Subjected to Chronic Restraint Stress. Neurotoxicity Research, 2019, 35, 373-386.	2.7	12
23	Anti-oxidant and anti-proliferative effect of anthocyanin enriched fractions from two Mexican wild blackberries (Rubus spp.) on HepG2 and glioma cell lines. Journal of Berry Research, 2020, 10, 513-529.	1.4	12
24	Anandamide Reduces the Toxic Synergism Exerted by Quinolinic Acid and Glutaric Acid in Rat Brain Neuronal Cells. Neuroscience, 2019, 401, 84-95.	2.3	11
25	PAMP-DAMPs interactions mediates development and progression of multiple sclerosis. Frontiers in Bioscience - Scholar, 2016, 8, 13-28.	2.1	10
26	Thallium Toxicity in Caenorhabditis elegans: Involvement of the SKN-1 Pathway and Protection by S-Allylcysteine. Neurotoxicity Research, 2020, 38, 287-298.	2.7	10
27	Production and Evaluation of an Avian IgY Immunotoxin against CD133+ for Treatment of Carcinogenic Stem Cells in Malignant Glioma: IgY Immunotoxin for the Treatment of Glioblastoma. Journal of Oncology, 2019, 2019, 1-15.	1.3	9
28	Antioxidant Mechanisms in the Neuroprotective Action of Cemtirestat: Studies in Chemical Models, Liposomes and Rat Brain Cortical Slices. Neuroscience, 2020, 443, 206-217.	2.3	9
29	S-Allylcysteine Protects Against Excitotoxic Damage in Rat Cortical Slices Via Reduction of Oxidative Damage, Activation of Nrf2/ARE Binding, and BDNF Preservation. Neurotoxicity Research, 2020, 38, 929-940.	2.7	9
30	Historical distribution of central nervous system tumors in the Mexican National Institute of Neurology and Neurosurgery. Salud Publica De Mexico, 2016, 58, 171-178.	0.4	9
31	Early expression of the receptor for advanced glycation end products in a toxic model produced by 6-hydroxydopamine in the rat striatum. Chemico-Biological Interactions, 2016, 249, 10-18.	4.0	8
32	Oleamide Induces Cell Death in Glioblastoma RG2 Cells by a Cannabinoid Receptorâ€“Independent Mechanism. Neurotoxicity Research, 2020, 38, 941-956.	2.7	6
33	Heptaâ€, hexaâ€, pentaâ€, tetraâ€, and trisaccharide resin glycosides from three species of Ipomoea and their antiproliferative activity on two glioma cell lines. Magnetic Resonance in Chemistry, 2017, 55, 214-223.	1.9	5
34	The Endocannabinoid System in Caenorhabditis elegans. Reviews of Physiology, Biochemistry and Pharmacology, 2021, , 1-31.	1.6	5
35	Bioactive Isomers of Conjugated Linoleic Acid Inhibit the Survival of Malignant Glioblastoma Cells But Not Primary Astrocytes. European Journal of Lipid Science and Technology, 2018, 120, 1700454.	1.5	4
36	Chemical structure of three basic Asp-49 phospholipases A2 isolated from Crotalus molossus nigrescens venom with cytotoxic activity against cancer cells. Toxicon, 2022, 210, 25-31.	1.6	4

#	Article	IF	Citations
37	Electrochemical Detection of Neurotransmitters in the Brain and Other Molecules with Biological Activity in the Nervous System: Dopamine Analysis. Current Organic Chemistry, 2020, 24, 2498-2507.	1.6	1
38	Rat Brain Slices: An Optimum Biological Preparation for Acute Neurotoxicological Studies. Neuromethods, 2019, , 195-207.	0.3	0
39	Upregulation of Cathepsin B-like Protease Activity During Apoptosis inGiardia duodenalis. Current Proteomics, 2019, 16, 330-337.	0.3	0