

Edgar Rangel-Lopez

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

774
citations

567281

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1324
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#	ARTICLE	IF	CITATIONS
1	Chemical structure of three basic Asp-49 phospholipases A2 isolated from <i>Crotalus molossus nigrescens</i> venom with cytotoxic activity against cancer cells. <i>Toxicon</i> , 2022, 210, 25-31.	1.6	4
2	The Endocannabinoid System in <i>Caenorhabditis elegans</i> . <i>Reviews of Physiology, Biochemistry and Pharmacology</i> , 2021, , 1-31.	1.6	5
3	A Cannabinoid Receptor-Mediated Mechanism Participates in the Neuroprotective Effects of Oleamide Against Excitotoxic Damage in Rat Brain Synaptosomes and Cortical Slices. <i>Neurotoxicity Research</i> , 2020, 37, 126-135.	2.7	21
4	Comparing the Neuroprotective Effects of Caffeic Acid in Rat Cortical Slices and <i>Caenorhabditis elegans</i> : Involvement of Nrf2 and SKN-1 Signaling Pathways. <i>Neurotoxicity Research</i> , 2020, 37, 326-337.	2.7	18
5	Antioxidant Mechanisms in the Neuroprotective Action of Cemtirestat: Studies in Chemical Models, Liposomes and Rat Brain Cortical Slices. <i>Neuroscience</i> , 2020, 443, 206-217.	2.3	9
6	Cannabinoid-profiled agents improve cell survival via reduction of oxidative stress and inflammation, and Nrf2 activation in a toxic model combining hyperglycemia+AI ² 1-42 peptide in rat hippocampal neurons. <i>Neurochemistry International</i> , 2020, 140, 104817.	3.8	23
7	Oleamide Induces Cell Death in Glioblastoma RG2 Cells by a Cannabinoid Receptor-Independent Mechanism. <i>Neurotoxicity Research</i> , 2020, 38, 941-956.	2.7	6
8	S-Allylcysteine Protects Against Excitotoxic Damage in Rat Cortical Slices Via Reduction of Oxidative Damage, Activation of Nrf2/ARE Binding, and BDNF Preservation. <i>Neurotoxicity Research</i> , 2020, 38, 929-940.	2.7	9
9	Thallium Toxicity in <i>Caenorhabditis elegans</i> : Involvement of the SKN-1 Pathway and Protection by S-Allylcysteine. <i>Neurotoxicity Research</i> , 2020, 38, 287-298.	2.7	10
10	Anti-oxidant and anti-proliferative effect of anthocyanin enriched fractions from two Mexican wild blackberries (<i>Rubus</i> spp.) on HepG2 and glioma cell lines. <i>Journal of Berry Research</i> , 2020, 10, 513-529.	1.4	12
11	Electrochemical Detection of Neurotransmitters in the Brain and Other Molecules with Biological Activity in the Nervous System: Dopamine Analysis. <i>Current Organic Chemistry</i> , 2020, 24, 2498-2507.	1.6	1
12	The Pharmacological Inhibition of Fatty Acid Amide Hydrolase Prevents Excitotoxic Damage in the Rat Striatum: Possible Involvement of CB1 Receptors Regulation. <i>Molecular Neurobiology</i> , 2019, 56, 844-856.	4.0	24
13	Anandamide Reduces the Toxic Synergism Exerted by Quinolinic Acid and Glutaric Acid in Rat Brain Neuronal Cells. <i>Neuroscience</i> , 2019, 401, 84-95.	2.3	11
14	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. <i>Journal of Oncology</i> , 2019, 2019, 1-15.	1.3	9
15	Rat Brain Slices: An Optimum Biological Preparation for Acute Neurotoxicological Studies. <i>Neuromethods</i> , 2019, , 195-207.	0.3	0
16	Comparing the Effects of Chlorogenic Acid and <i>Ilex paraguariensis</i> Extracts on Different Markers of Brain Alterations in Rats Subjected to Chronic Restraint Stress. <i>Neurotoxicity Research</i> , 2019, 35, 373-386.	2.7	12
17	Upregulation of Cathepsin B-like Protease Activity During Apoptosis in <i>Giardia duodenalis</i> . <i>Current Proteomics</i> , 2019, 16, 330-337.	0.3	0
18	Redox Signaling, Neuroinflammation, and Neurodegeneration. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1626-1651.	5.4	62

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19	Bioactive Isomers of Conjugated Linoleic Acid Inhibit the Survival of Malignant Glioblastoma Cells But Not Primary Astrocytes. <i>European Journal of Lipid Science and Technology</i> , 2018, 120, 1700454.	1.5	4
20	Role of Epigenetics and Oxidative Stress in Gliomagenesis. <i>CNS and Neurological Disorders - Drug Targets</i> , 2018, 16, 1090-1098.	1.4	23
21	URB597 reduces biochemical, behavioral and morphological alterations in two neurotoxic models in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 745-753.	5.6	13
22	Heptaâ€¢, hexaâ€¢, pentaâ€¢, tetraâ€¢, and trisaccharide resin glycosides from three species of <i>Pomoea</i> and their antiproliferative activity on two glioma cell lines. <i>Magnetic Resonance in Chemistry</i> , 2017, 55, 214-223.	1.9	5
23	PAMP-DAMPs interactions mediates development and progression of multiple sclerosis. <i>Frontiers in Bioscience - Scholar</i> , 2016, 8, 13-28.	2.1	10
24	Early expression of the receptor for advanced glycation end products in a toxic model produced by 6-hydroxydopamine in the rat striatum. <i>Chemico-Biological Interactions</i> , 2016, 249, 10-18.	4.0	8
25	Historical distribution of central nervous system tumors in the Mexican National Institute of Neurology and Neurosurgery. <i>Salud Publica De Mexico</i> , 2016, 58, 171-178.	0.4	9
26	On the effects of CP 55-940 and other cannabinoid receptor agonists in C6 and U373 cell lines. <i>Toxicology in Vitro</i> , 2015, 29, 1941-1951.	2.4	14
27	Comparative effects on rat primary astrocytes and C6 rat glioma cells cultures after 24-h exposure to silver nanoparticles (AgNPs). <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	13
28	Cannabinoid receptor agonists reduce the short-term mitochondrial dysfunction and oxidative stress linked to excitotoxicity in the rat brain. <i>Neuroscience</i> , 2015, 285, 97-106.	2.3	48
29	Concomitant treatment with pertussis toxin plus temozolomide increases the survival of rats bearing intracerebral RG2 glioma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 291-301.	2.5	15
30	Vitamin A increases nerve growth factor and retinoic acid receptor beta and improves diabetic neuropathy in rats. <i>Translational Research</i> , 2014, 164, 196-201.	5.0	15
31	Heme oxygenase-1 (HO-1) upregulation delays morphological and oxidative damage induced in an excitotoxic/pro-oxidant model in the rat striatum. <i>Neuroscience</i> , 2013, 231, 91-101.	2.3	31
32	Application of Nanoparticles on Diagnosis and Therapy in Gliomas. <i>BioMed Research International</i> , 2013, 2013, 1-20.	1.9	62
33	An Update in the Use of Antibodies to Treat Glioblastoma Multiforme. <i>Autoimmune Diseases</i> , 2013, 2013, 1-14.	0.6	17
34	Antioxidant properties of xanthenes from <i>Calophyllum brasiliense</i> : prevention of oxidative damage induced by FeSO ₄ . <i>BMC Complementary and Alternative Medicine</i> , 2013, 13, 262.	3.7	21
35	Adjuvant immunotherapy of C6 glioma in rats with pertussis toxin. <i>Journal of Cancer Research and Clinical Oncology</i> , 2012, 138, 23-33.	2.5	14
36	Multiple sclerosis in Caucasians and Latino Americans. <i>Autoimmunity</i> , 2011, 44, 571-575.	2.6	20

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37	HDAC inhibitor valproic acid upregulates CAR in vitro and in vivo. <i>Genetic Vaccines and Therapy</i> , 2007, 5, 10.	1.5	20
38	Antineoplastic effects of the DNA methylation inhibitor hydralazine and the histone deacetylase inhibitor valproic acid in cancer cell lines. <i>Cancer Cell International</i> , 2006, 6, 2.	4.1	111
39	<i>Entamoeba histolytica</i> : erythrophagocytosis, collagenolysis, and liver abscess production as virulence markers. <i>Transactions of the Royal Society of Tropical Medicine and Hygiene</i> , 1992, 86, 170-172.	1.8	64