

Victor Diogenes Amaral Silva

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1452864/publications.pdf>

Version: 2024-02-01

52
papers

979
citations

471509
17
h-index

501196
28
g-index

52
all docs

52
docs citations

52
times ranked

1308
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of Plant-Derived Flavonoids on Neurodegenerative Diseases. <i>Neurotoxicity Research</i> , 2016, 30, 41-52.	2.7	88
2	Flavonoids suppress human glioblastoma cell growth by inhibiting cell metabolism, migration, and by regulating extracellular matrix proteins and metalloproteinases expression. <i>Chemico-Biological Interactions</i> , 2015, 242, 123-138.	4.0	68
3	Neuroimmunomodulatory and Neuroprotective Effects of the Flavonoid Apigenin in in vitro Models of Neuroinflammation Associated With Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2020, 12, 119.	3.4	66
4	The flavonoid rutin and its aglycone quercetin modulate the microglia inflammatory profile improving antiangioma activity. <i>Brain, Behavior, and Immunity</i> , 2020, 85, 170-185.	4.1	65
5	Alkaloids from <i>Prosopis juliflora</i> leaves induce glial activation, cytotoxicity and stimulate NO production. <i>Toxicol</i> , 2007, 49, 601-614.	1.6	45
6	Agathisflavone, a flavonoid derived from <i>Poincianella pyramidalis</i> (Tul.), enhances neuronal population and protects against glutamate excitotoxicity. <i>NeuroToxicology</i> , 2018, 65, 85-97.	3.0	44
7	Aminochrome induces microglia and astrocyte activation. <i>Toxicology in Vitro</i> , 2017, 42, 54-60.	2.4	39
8	The flavonoid rutin modulates microglial/macrophage activation to a CD150/CD206 M2 phenotype. <i>Chemico-Biological Interactions</i> , 2017, 274, 89-99.	4.0	38
9	Lupeol inhibits LPS-induced neuroinflammation in cerebellar cultures and induces neuroprotection associated to the modulation of astrocyte response and expression of neurotrophic and inflammatory factors. <i>International Immunopharmacology</i> , 2019, 70, 302-312.	3.8	31
10	Role of Microgliosis and NLRP3 Inflammasome in Parkinson's Disease Pathogenesis and Therapy. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 1283-1300.	3.3	31
11	Juliprosopine and Juliprosine from <i>Prosopis juliflora</i> Leaves Induce Mitochondrial Damage and Cytoplasmic Vacuolation on Cocultured Glial Cells and Neurons. <i>Chemical Research in Toxicology</i> , 2013, 26, 1810-1820.	3.3	30
12	Genotoxicity and morphological changes induced by the alkaloid monocrotaline, extracted from <i>Crotalaria retusa</i> , in a model of glial cells. <i>Toxicol</i> , 2010, 55, 105-117.	1.6	27
13	Aminochrome decreases NGF, GDNF and induces neuroinflammation in organotypic midbrain slice cultures. <i>NeuroToxicology</i> , 2018, 66, 98-106.	3.0	27
14	The flavonoid apigenin from <i>Croton betulaster</i> Mull inhibits proliferation, induces differentiation and regulates the inflammatory profile of glioma cells. <i>Anti-Cancer Drugs</i> , 2016, 27, 960-969.	1.4	25
15	Assessment of neurotoxicity of monocrotaline, an alkaloid extracted from <i>Crotalaria retusa</i> in astrocyte/neuron co-culture system. <i>NeuroToxicology</i> , 2011, 32, 776-784.	3.0	22
16	<i>Amburana cearensis</i> : Pharmacological and Neuroprotective Effects of Its Compounds. <i>Molecules</i> , 2020, 25, 3394.	3.8	21
17	Combined 1-Deoxyojirimycin and Ibuprofen Treatment Decreases Microglial Activation, Phagocytosis and Dopaminergic Degeneration in MPTP-Treated Mice. <i>Journal of NeuroImmune Pharmacology</i> , 2021, 16, 390-402.	4.1	21
18	Phytoestrogen Agathisflavone Ameliorates Neuroinflammation-Induced by LPS and IL-1 β and Protects Neurons in Cocultures of Glia/Neurons. <i>Biomolecules</i> , 2020, 10, 562.	4.0	20

#	ARTICLE	IF	CITATIONS
19	Monocrotaline pyrrol is cytotoxic and alters the patterns of GFAP expression on astrocyte primary cultures. <i>Toxicology in Vitro</i> , 2008, 22, 1191-1197.	2.4	17
20	Neurotoxicity of <i>Prosopis juliflora</i> : from Natural Poisoning to Mechanism of Action of Its Piperidine Alkaloids. <i>Neurotoxicity Research</i> , 2018, 34, 878-888.	2.7	16
21	Flavonoids from the Brazilian plant <i>Croton betulaster</i> inhibit the growth of human glioblastoma cells and induce apoptosis. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 34-43.	1.4	14
22	The flavonoid agathisflavone modulates the microglial neuroinflammatory response and enhances remyelination. <i>Pharmacological Research</i> , 2020, 159, 104997.	7.1	14
23	JM-20, a novel hybrid molecule, protects against rotenone-induced neurotoxicity in experimental model of Parkinson's disease. <i>Neuroscience Letters</i> , 2019, 690, 29-35.	2.1	13
24	The Role of Astrocytes in Metabolism and Neurotoxicity of the Pyrrolizidine Alkaloid Monocrotaline, the Main Toxin of <i>Crotalaria retusa</i> . <i>Frontiers in Pharmacology</i> , 2012, 3, 144.	3.5	12
25	<i>Amburana cearensis</i> seed extracts protect PC-12 cells against toxicity induced by glutamate. <i>Revista Brasileira De Farmacognosia</i> , 2017, 27, 199-205.	1.4	12
26	<i>Amburana cearensis</i> seed extract protects brain mitochondria from oxidative stress and cerebellar cells from excitotoxicity induced by glutamate. <i>Journal of Ethnopharmacology</i> , 2017, 209, 157-166.	4.1	11
27	The Flavonoid Agathisflavone from <i>Poincianella pyramidalis</i> Prevents Aminochrome Neurotoxicity. <i>Neurotoxicity Research</i> , 2020, 38, 579-584.	2.7	11
28	JM-20 protects against 6-hydroxydopamine-induced neurotoxicity in models of Parkinson's disease: Mitochondrial protection and antioxidant properties. <i>NeuroToxicology</i> , 2021, 82, 89-98.	3.0	11
29	Identification of bioactive metabolites from corn silk extracts by a combination of metabolite profiling, univariate statistical analysis and chemometrics. <i>Food Chemistry</i> , 2021, 365, 130479.	8.2	11
30	Agathisflavone modulates astrocytic responses and increases the population of neurons in an in vitro model of traumatic brain injury. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 1921-1930.	3.0	11
31	Citotoxicidade do extrato alcaloidal das vagens de <i>Prosopis juliflora</i> Swartz. D.C. (Algaroba) em células gliais. <i>Brazilian Journal of Veterinary Research and Animal Science</i> , 2006, 43, 50.	0.2	10
32	Rutin improves glutamate uptake and inhibits glutamate excitotoxicity in rat brain slices. <i>Molecular Biology Reports</i> , 2021, 48, 1475-1483.	2.3	10
33	Neuroimmunomodulatory Properties of Flavonoids and Derivates: A Potential Action as Adjuvants for the Treatment of Glioblastoma. <i>Pharmaceutics</i> , 2022, 14, 116.	4.5	10
34	Anti-inflammatory activity of <i>Jatropha curcas</i> L. in brain glial cells primary cultures. <i>Journal of Ethnopharmacology</i> , 2021, 264, 113201.	4.1	9
35	Autophagy protects against neural cell death induced by piperidine alkaloids present in <i>Prosopis juliflora</i> (Mesquite). <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 247-261.	0.8	8
36	KM-34, a Novel Antioxidant Compound, Protects against 6-Hydroxydopamine-Induced Mitochondrial Damage and Neurotoxicity. <i>Neurotoxicity Research</i> , 2019, 36, 279-291.	2.7	8

#	ARTICLE	IF	CITATIONS
37	Structural Design, Synthesis and Antioxidant, Antileishmania, Anti-Inflammatory and Anticancer Activities of a Novel Quercetin Acetylated Derivative. <i>Molecules</i> , 2021, 26, 6923.	3.8	8
38	Alkene lactones from <i>Persea fulva</i> (Lauraceae): Evaluation of their effects on tumor cell growth in vitro and molecular docking studies. <i>Bioorganic Chemistry</i> , 2019, 86, 665-673.	4.1	7
39	Intergenerational thyroid hormone homeostasis imbalance in cerebellum of rats perinatally exposed to glyphosate-based herbicide. <i>Environmental Toxicology</i> , 2021, 36, 1031-1042.	4.0	6
40	JM-20 Treatment After Mild Traumatic Brain Injury Reduces Glial Cell Pro-inflammatory Signaling and Behavioral and Cognitive Deficits by Increasing Neurotrophin Expression. <i>Molecular Neurobiology</i> , 2021, 58, 4615-4627.	4.0	6
41	Involvement of astrocytic CYP1A1 isoform in the metabolism and toxicity of the alkaloid pyrrolizidine monocrotaline. <i>Toxicol</i> , 2017, 134, 41-49.	1.6	5
42	Research on the Scientific Evolution of the Flavonoid Agathisflavone. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2018, 21, 376-385.	2.1	5
43	Flavonoids Modulate the Proliferation of <i>Neospora caninum</i> in Glial Cell Primary Cultures. <i>Korean Journal of Parasitology</i> , 2014, 52, 613-619.	1.3	5
44	Saponin-rich fraction from <i>Agave sisalana</i> : effect against malignant astrocytic cells and its chemical characterisation by ESI-MS/MS. <i>Natural Product Research</i> , 2019, 33, 1769-1772.	1.8	4
45	Agathisflavone Modifies Microglial Activation State and Myelination in Organotypic Cerebellar Slices Culture. <i>Journal of NeuroImmune Pharmacology</i> , 2022, 17, 206-217.	4.1	3
46	Reverted effect of mesenchymal stem cells in glioblastoma treated with agathisflavone and its selective antitumoral effect on cell viability, migration, and differentiation via STAT3. <i>Journal of Cellular Physiology</i> , 2021, 236, 5022-5035.	4.1	3
47	Aminochrome Induces Neuroinflammation and Dopaminergic Neuronal Loss: A New Preclinical Model to Find Anti-inflammatory and Neuroprotective Drugs for Parkinson's Disease. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 265-281.	3.3	3
48	Activation of the Kynurenine Pathway and Production of Inflammatory Cytokines by Astrocytes and Microglia Infected With <i>Neospora caninum</i> . <i>International Journal of Tryptophan Research</i> , 2022, 15, 117864692110699.	2.3	3
49	Agathisflavone as a Single Therapy or in Association With Mesenchymal Stem Cells Improves Tissue Repair in a Spinal Cord Injury Model in Rats. <i>Frontiers in Pharmacology</i> , 2022, 13, 858190.	3.5	3
50	Cytotoxicity of the Diterpene 14-O-Methyl-ryanodanol from <i>Erythroxylum passerinum</i> in an Astrocytic Cells Model. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	1
51	Technological Maturity and Systematic Review of Medicinal Plants with Pharmacological Activity in the Central Nervous System. <i>Recent Patents on Biotechnology</i> , 2021, 15, 89-101.	0.8	1
52	Astrocyte Reaction to Catechol-Induced Cytotoxicity Relies on the Contact with Microglia Before Isolation. <i>Neurotoxicity Research</i> , 0, .	2.7	0