Victor Diogenes Amaral Silva

List of Publications by Year
in descending order

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	Aminochrome Induces Neuroinflammation and Dopaminergic Neuronal Loss: A New Preclinical Model to Find Anti-inflammatory and Neuroprotective Drugs for Parkinsonâ€™s Disease. Cellular and Molecular Neurobiology, 2023, 43, 265-281.	3.3	3
2	Role of Microgliosis and NLRP3 Inflammasome in Parkinsonâ€™s Disease Pathogenesis and Therapy. Cellular and Molecular Neurobiology, 2022, 42, 1283-1300.	3.3	31
3	Agathisflavone Modifies Microglial Activation State and Myelination in Organotypic Cerebellar Slices Culture. Journal of NeuroImmune Pharmacology, 2022, 17, 206-217.	4.1	3
4	Activation of the Kynurenine Pathway and Production of Inflammatory Cytokines by Astrocytes and Microglia Infected With Neospora caninum. International Journal of Tryptophan Research, 2022, 15, 117864692110699.	2.3	3
5	Neuroimmunomodulatory Properties of Flavonoids and Derivates: A Potential Action as Adjuvants for the Treatment of Glioblastoma. Pharmaceutics, 2022, 14, 116.	4.5	10
6	Agathisflavone as a Single Therapy or in Association With Mesenchymal Stem Cells Improves Tissue Repair in a Spinal Cord Injury Model in Rats. Frontiers in Pharmacology, 2022, 13, 858190.	3.5	3
7	Combined 1-Deoxynojirimycin and Ibuprofen Treatment Decreases Microglial Activation, Phagocytosis and Dopaminergic Degeneration in MPTP-Treated Mice. Journal of NeuroImmune Pharmacology, 2021, 16, 390-402.	4.1	21
8	JM-20 protects against 6-hydroxydopamine-induced neurotoxicity in models of Parkinsonâ€™s disease: Mitochondrial protection and antioxidant properties. NeuroToxicology, 2021, 82, 89-98.	3.0	11
9	Anti-inflammatory activity of Jatropha curcas L. in brain glial cells primary cultures. Journal of Ethnopharmacology, 2021, 264, 113201.	4.1	9
10	Intergenerational thyroid hormone homeostasis imbalance in cerebellum of rats perinatally exposed to glyphosateâ€based herbicide. Environmental Toxicology, 2021, 36, 1031-1042.	4.0	6
11	Rutin improves glutamate uptake and inhibits glutamate excitotoxicity in rat brain slices. Molecular Biology Reports, 2021, 48, 1475-1483.	2.3	10
12	Technological Maturity and Systematic Review of Medicinal Plants with Pharmacological Activity in the Central Nervous System. Recent Patents on Biotechnology, 2021, 15, 89-101.	0.8	1
13	JM-20 Treatment After Mild Traumatic Brain Injury Reduces Glial Cell Pro-inflammatory Signaling and Behavioral and Cognitive Deficits by Increasing Neurotrophin Expression. Molecular Neurobiology, 2021, 58, 4615-4627.	4.0	6
14	Identification of bioactive metabolites from corn silk extracts by a combination of metabolite profiling, univariate statistical analysis and chemometrics. Food Chemistry, 2021, 365, 130479.	8.2	11
15	Reverted effect of mesenchymal stem cells in glioblastoma treated with agathisflavone and its selective antitumoral effect on cell viability, migration, and differentiation via STAT3. Journal of Cellular Physiology, 2021, 236, 5022-5035.	4.1	3
16	Structural Design, Synthesis and Antioxidant, Antileishmania, Anti-Inflammatory and Anticancer Activities of a Novel Quercetin Acetylated Derivative. Molecules, 2021, 26, 6923.	3.8	8
17	The flavonoid rutin and its aglycone quercetin modulate the microglia inflammatory profile improving antiglioma activity. Brain, Behavior, and Immunity, 2020, 85, 170-185.	4.1	65
18	Amburana cearensis: Pharmacological and Neuroprotective Effects of Its Compounds. Molecules, 2020, 25, 3394.	3.8	21

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19	The flavonoid agathisflavone modulates the microglial neuroinflammatory response and enhances remyelination. Pharmacological Research, 2020, 159, 104997.	7.1	14
20	Neuroimmunomodulatory and Neuroprotective Effects of the Flavonoid Apigenin in in vitro Models of Neuroinflammation Associated With Alzheimerâ€™s Disease. Frontiers in Aging Neuroscience, 2020, 12, 119.	3.4	66
21	The Flavonoid Agathisflavone from Poincianella pyramidalis Prevents Aminochrome Neurotoxicity. Neurotoxicity Research, 2020, 38, 579-584.	2.7	11
22	Phytoestrogen Agathisflavone Ameliorates Neuroinflammation-Induced by LPS and IL-1Î² and Protects Neurons in Cocultures of Glia/Neurons. Biomolecules, 2020, 10, 562.	4.0	20
23	Agathisflavone modulates astrocytic responses and increases the population of neurons in an in vitro model of traumatic brain injury. Naunyn-Schmiedeberg's Archives of Pharmacology, 2020, 393, 1921-1930.	3.0	11
24	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. International Immunopharmacology, 2019, 70, 302-312.	3.8	31
25	Alkene lactones from Persea fulva (Lauraceae): Evaluation of their effects on tumor cell growth in vitro and molecular docking studies. Bioorganic Chemistry, 2019, 86, 665-673.	4.1	7
26	JM-20, a novel hybrid molecule, protects against rotenone-induced neurotoxicity in experimental model of Parkinsonâ€™s disease. Neuroscience Letters, 2019, 690, 29-35.	2.1	13
27	Saponin-rich fraction from Agave sisalana: effect against malignant astrocytic cells and its chemical characterisation by ESI-MS/MS. Natural Product Research, 2019, 33, 1769-1772.	1.8	4
28	KM-34, a Novel Antioxidant Compound, Protects against 6-Hydroxydopamine-Induced Mitochondrial Damage and Neurotoxicity. Neurotoxicity Research, 2019, 36, 279-291.	2.7	8
29	Agathisflavone, a flavonoid derived from Poincianella pyramidalis (Tul.), enhances neuronal population and protects against glutamate excitotoxicity. NeuroToxicology, 2018, 65, 85-97.	3.0	44
30	Neurotoxicity of Prosopis juliflora: from Natural Poisoning to Mechanism of Action of Its Piperidine Alkaloids. Neurotoxicity Research, 2018, 34, 878-888.	2.7	16
31	Aminochrome decreases NGF, GDNF and induces neuroinflammation in organotypic midbrain slice cultures. NeuroToxicology, 2018, 66, 98-106.	3.0	27
32	Research on the Scientific Evolution of the Flavonoid Agathisflavone. Journal of Pharmacy and Pharmaceutical Sciences, 2018, 21, 376-385.	2.1	5
33	Amburana cearensis seed extracts protect PC-12 cells against toxicity induced by glutamate. Revista Brasileira De Farmacognosia, 2017, 27, 199-205.	1.4	12
34	Aminochrome induces microglia and astrocyte activation. Toxicology in Vitro, 2017, 42, 54-60.	2.4	39
35	Involvement of astrocytic CYP1A1 isoform in the metabolism and toxicity of the alkaloid pyrrolizidine monocrotaline. Toxicon, 2017, 134, 41-49.	1.6	5
36	Amburana cearensis seed extract protects brain mitochondria from oxidative stress and cerebellar cells from excitotoxicity induced by glutamate. Journal of Ethnopharmacology, 2017, 209, 157-166.	4.1	11

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37	The flavonoid rutin modulates microglial/macrophage activation to a CD150/CD206 M2 phenotype. Chemico-Biological Interactions, 2017, 274, 89-99.	4.0	38
38	Autophagy protects against neural cell death induced by piperidine alkaloids present in Prosopis juliflora (Mesquite). Anais Da Academia Brasileira De Ciencias, 2017, 89, 247-261.	0.8	8
39	The flavonoid apigenin from Croton betulaster Mull inhibits proliferation, induces differentiation and regulates the inflammatory profile of glioma cells. Anti-Cancer Drugs, 2016, 27, 960-969.	1.4	25
40	Impact of Plant-Derived Flavonoids on Neurodegenerative Diseases. Neurotoxicity Research, 2016, 30, 41-52.	2.7	88
41	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.	1.4	14
42	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.	4.0	68
43	Cytotoxicity of the Diterpene 14-O-Methyl-ryanodanol from Erythroxylum passerinum in an Astrocytic Cells Model. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	1
44	Flavonoids Modulate the Proliferation of Neospora caninum in Glial Cell Primary Cultures. Korean Journal of Parasitology, 2014, 52, 613-619.	1.3	5
45	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.	3.3	30
46	The Role of Astrocytes in Metabolism and Neurotoxicity of the Pyrrolizidine Alkaloid Monocrotaline, the Main Toxin of Crotalaria retusa. Frontiers in Pharmacology, 2012, 3, 144.	3.5	12
47	Assessment of neurotoxicity of monocrotaline, an alkaloid extracted from Crotalaria retusa in astrocyte/neuron co-culture system. NeuroToxicology, 2011, 32, 776-784.	3.0	22
48	Genotoxicity and morphological changes induced by the alkaloid monocrotaline, extracted from Crotalaria retusa, in a model of glial cells. Toxicon, 2010, 55, 105-117.	1.6	27
49	Monocrotaline pyrrol is cytotoxic and alters the patterns of GFAP expression on astrocyte primary cultures. Toxicology in Vitro, 2008, 22, 1191-1197.	2.4	17
50	Alkaloids from Prosopis juliflora leaves induce glial activation, cytotoxicity and stimulate NO production.. Toxicon, 2007, 49, 601-614.	1.6	45
51	Citotoxicidade do extrato alcaloidal das vagens de Prosopis juliflora Swartz. D.C. (Algaroba) em cÃ©lulas gliais. Brazilian Journal of Veterinary Research and Animal Science, 2006, 43, 50.	0.2	10
52	Astrocyte Reaction to Catechol-Induced Cytotoxicity Relies on the Contact with Microglia Before Isolation. Neurotoxicity Research, 0, , .	2.7	0