AndrÃ© Quincozes-Santos

List of Publications by Year
in descending order

106 papers	3,188 citations	117625 34 h-index	197818 49 g-index
109 all docs	109 docs citations	109 times ranked	4615 citing authors

#	Article	IF	Citations
1	Sulforaphane Induces Glioprotection After LPS Challenge. Cellular and Molecular Neurobiology, 2022, 42, 829-846.	3.3	9
2	Association between molecular markers of COVIDâ€19 and Alzheimer's disease. Journal of Medical Virology, 2022, 94, 833-835.	5.0	4
3	Lipopolysaccharide Induces Gliotoxicity in Hippocampal Astrocytes from Aged Rats: Insights About the Glioprotective Roles of Resveratrol. Molecular Neurobiology, 2022, 59, 1419-1439.	4.0	8
4	Neurodevelopment in Children Exposed to Zika in utero: Clinical and Molecular Aspects. Frontiers in Genetics, 2022, 13, 758715.	2.3	12
5	Glioprotective Effects of Resveratrol Against BMAA-Induced Astroglial Dysfunctions. Neurotoxicity Research, 2022, 40, 530-541.	2.7	2
6	Systemic, Intrathecal, and Intracerebroventricular Antihyperalgesic Effects of the Calcium Channel Blocker CTK 01512â€“2 Toxin in Persistent Pain Models. Molecular Neurobiology, 2022, , .	4.0	2
7	Short-Term Alterations in Behavior and Astroglial Function After Intracerebroventricular Infusion of Methylglyoxal in Rats. Neurochemical Research, 2021, 46, 183-196.	3.3	14
8	COVID-19 impacts the expression of molecular markers associated with neuropsychiatric disorders. Brain, Behavior, & Immunity - Health, 2021, 11, 100196.	2.5	14
9	Homocysteine and Gliotoxicity. Neurotoxicity Research, 2021, 39, 966-974.	2.7	8
10	Zika Virus Infection Associated with Autism Spectrum Disorder: A Case Report. NeuroImmunoModulation, 2021, 28, 229-232.	1.8	8
11	COVID-19 and hyperammonemia: Potential interplay between liver and brain dysfunctions. Brain, Behavior, & Immunity - Health, 2021, 14, 100257.	2.5	11
12	Mild Hyperhomocysteinemia Causes Anxiety-like Behavior and Brain Hyperactivity in Rodents: Are ATPase and Excitotoxicity by NMDA Receptor Overstimulation Involved in this Effect?. Cellular and Molecular Neurobiology, 2021, , 1.	3.3	1
13	Potential Glioprotective Strategies Against Diabetes-Induced Brain Toxicity. Neurotoxicity Research, 2021, 39, 1651-1664.	2.7	2
14	Gliotoxicity and Glioprotection: the Dual Role of Glial Cells. Molecular Neurobiology, 2021, 58, 6577-6592.	4.0	16
15	Environmental exposure to mineral coal and by-products: Influence on human health and genomic instability. Environmental Pollution, 2021, 287, 117346.	7.5	10
16	TOM70 in Glial Cells as a Potential Target for Treatment of COVID-19. Frontiers in Cellular Neuroscience, 2021, 15, 811376.	3.7	0
17	ZIKAVIDâ€”Zika virus infection database: a new platform to analyze the molecular impact of Zika virus infection. Journal of NeuroVirology, 2020, 26, 77-83.	2.1	4
18	Association between Zika virus and future neurological diseases. Journal of the Neurological Sciences, 2020, 409, 116617.	0.6	5

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19	Changes in Inflammatory Response, Redox Status and Na+, K+-ATPase Activity in Primary Astrocyte Cultures from Female Wistar Rats Subject to Ovariectomy. Neurotoxicity Research, 2020, 37, 445-454.	2.7	5
20	Zika virus exposure affects neuron-glia communication in the hippocampal slices of adult rats. Scientific Reports, 2020, 10, 21604.	3.3	15
21	Ammonia-Induced Glial-Inflammaging. Molecular Neurobiology, 2020, 57, 3552-3567.	4.0	30
22	Cross-talk between guanidinoacetate neurotoxicity, memory and possible neuroprotective role of creatine. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 165529.	3.8	10
23	High-glucose medium induces cellular differentiation and changes in metabolic functionality of oligodendroglia. Molecular Biology Reports, 2019, 46, 4817-4826.	2.3	8
24	Effects of short-term resistance training on endothelial function and inflammation markers in elderly patients with type 2 diabetes: A randomized controlled trial. Experimental Gerontology, 2019, 118, 19-25.	2.8	16
25	Adenosine receptors as a new target for resveratrol-mediated glioprotection. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2019, 1865, 634-647.	3.8	41
26	Combined Exposure to Alcohol and Tobacco Smoke Changes Oxidative, Inflammatory, and Neurotrophic Parameters in Different Areas of the Brains of Rats. ACS Chemical Neuroscience, 2019, 10, 1336-1346.	3.5	10
27	Zika Virus Infection of Human Mesenchymal Stem Cells Promotes Differential Expression of Proteins Linked to Several Neurological Diseases. Molecular Neurobiology, 2019, 56, 4708-4717.	4.0	39
28	Transcranial direct current stimulation improves long-term memory deficits in an animal model of attention-deficit/hyperactivity disorder and modulates oxidative and inflammatory parameters. Brain Stimulation, 2018, 11, 743-751.	1.6	34
29	Systemic Inflammation as a Driver of Brain Injury: the Astrocyte as an Emerging Player. Molecular Neurobiology, 2018, 55, 2685-2695.	4.0	48
30	Glioprotective Effect of Resveratrol: an Emerging Therapeutic Role for Oligodendroglial Cells. Molecular Neurobiology, 2018, 55, 2967-2978.	4.0	24
31	Cortical Bilateral Adaptations in Rats Submitted to Focal Cerebral Ischemia: Emphasis on Glial Metabolism. Molecular Neurobiology, 2018, 55, 2025-2041.	4.0	13
32	Homocysteine Induces Glial Reactivity in Adult Rat Astrocyte Cultures. Molecular Neurobiology, 2018, 55, 1966-1976.	4.0	26
33	Resveratrol prevents ammonia-induced mitochondrial dysfunction and cellular redox imbalance in C6 astroglial cells. Nutritional Neuroscience, 2018, 21, 276-285.	3.1	24
34	ZIKA Virus and Neuroscience: the Need for a Translational Collaboration. Molecular Neurobiology, 2018, 55, 1551-1555.	4.0	7
35	Effect of a trans fatty acid-enriched diet on mitochondrial, inflammatory, and oxidative stress parameters in the cortex and hippocampus of Wistar rats. European Journal of Nutrition, 2018, 57, 1913-1924.	3.9	12
36	Age-Dependent Neurochemical Remodeling of Hypothalamic Astrocytes. Molecular Neurobiology, 2018, 55, 5565-5579.	4.0	20

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37	Leptin stimulates the release of pro-inflammatory cytokines in hypothalamic astrocyte cultures from adult and aged rats. Metabolic Brain Disease, 2018, 33, 2059-2063.	2.9	19
38	Heat-induced extracellular HSP72 release is blunted in elderly diabetic people compared with healthy middle-aged and older adults, but it is partially restored by resistance training. Experimental Gerontology, 2018, 111, 180-187.	2.8	29
39	Differential effects of typical and atypical antipsychotics on astroglial cells in vitro. International Journal of Developmental Neuroscience, 2018, 69, 1-9.	1.6	16
40	Glycolysis-Derived Compounds From Astrocytes That Modulate Synaptic Communication. Frontiers in Neuroscience, 2018, 12, 1035.	2.8	47
41	Neuron-glia Interaction as a Possible Pathophysiological Mechanism of Bipolar Disorder. Current Neuropharmacology, 2018, 16, 519-532.	2.9	45
42	Effect of a trans fatty acid-enriched diet on biochemical and inflammatory parameters in Wistar rats. European Journal of Nutrition, 2017, 56, 1003-1016.	3.9	28
43	Hippocampal Astrocyte Cultures from Adult and Aged Rats Reproduce Changes in Glial Functionality Observed in the Aging Brain. Molecular Neurobiology, 2017, 54, 2969-2985.	4.0	96
44	Resveratrol modulates GSH system in C6 astroglial cells through heme oxygenase 1 pathway. Molecular and Cellular Biochemistry, 2017, 428, 67-77.	3.1	30
45	Olfactory bulbectomy in mice triggers transient and long-lasting behavioral impairments and biochemical hippocampal disturbances. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2017, 76, 1-11.	4.8	26
46	In Vitro Adult Astrocytes are Derived From Mature Cells and Reproduce in Vivo Redox Profile. Journal of Cellular Biochemistry, 2017, 118, 3111-3118.	2.6	5
47	N-acetylcysteine Prevents Alcohol Related Neuroinflammation in Rats. Neurochemical Research, 2017, 42, 2135-2141.	3.3	55
48	Increased Oxidative Parameters and Decreased Cytokine Levels in an Animal Model of Attention-Deficit/Hyperactivity Disorder. Neurochemical Research, 2017, 42, 3084-3092.	3.3	26
49	Higher Vulnerability of Menadione-Exposed Cortical Astrocytes of Glutaryl-CoA Dehydrogenase Deficient Mice to Oxidative Stress, Mitochondrial Dysfunction, and Cell Death: Implications for the Neurodegeneration in Glutaric Aciduria Type I. Molecular Neurobiology, 2017, 54, 4795-4805.	4.0	7
50	Fluctuations in glucose levels induce glial toxicity with glutamatergic, oxidative and inflammatory implications. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1-14.	3.8	45
51	Methylglyoxal Induces Changes in the Glyoxalase System and Impairs Glutamate Uptake Activity in Primary Astrocytes. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-11.	4.0	13
52	Signaling mechanisms underlying the glioprotective effects of resveratrol against mitochondrial dysfunction. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1827-1838.	3.8	34
53	Anti-aging effects of guanosine in glial cells. Purinergic Signalling, 2016, 12, 697-706.	2.2	24
54	Ornithine and Homocitrulline Impair Mitochondrial Function, Decrease Antioxidant Defenses and Induce Cell Death in Menadione-Stressed Rat Cortical Astrocytes: Potential Mechanisms of Neurological Dysfunction in HHH Syndrome. Neurochemical Research, 2016, 41, 2190-2198.	3.3	14

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55	Characterization of Amino Acid Profile and Enzymatic Activity in Adult Rat Astrocyte Cultures. Neurochemical Research, 2016, 41, 1578-1586.	3.3	6
56	1,25â€Dihydroxyvitamin D3 exerts neuroprotective effects in an ex vivo model of mild hyperhomocysteinemia. International Journal of Developmental Neuroscience, 2016, 48, 71-79.	1.6	23
57	Gap Junction Intercellular Communication Mediates Ammonia-Induced Neurotoxicity. Neurotoxicity Research, 2016, 29, 314-324.	2.7	10
58	Induction of a Proinflammatory Response in Cortical Astrocytes by the Major Metabolites Accumulating in HMG-CoA Lyase Deficiency: the Role of ERK Signaling Pathway in Cytokine Release. Molecular Neurobiology, 2016, 53, 3586-3595.	4.0	15
59	Lipoic acid and N-acetylcysteine prevent ammonia-induced inflammatory response in C6 astroglial cells: The putative role of ERK and HO1 signaling pathways. Toxicology in Vitro, 2015, 29, 1350-1357.	2.4	20
60	Ammonia-induced oxidative damage in neurons is prevented by resveratrol and lipoic acid with participation of heme oxygenase 1. NeuroToxicology, 2015, 49, 28-35.	3.0	50
61	Ammonia impairs glutamatergic communication in astroglial cells: protective role of resveratrol. Toxicology in Vitro, 2015, 29, 2022-2029.	2.4	23
62	Resveratrol Protects Hippocampal Astrocytes Against LPS-Induced Neurotoxicity Through HO-1, p38 and ERK Pathways. Neurochemical Research, 2015, 40, 1600-1608.	3.3	37
63	Astrocytes from adult Wistar rats aged inÂvitro show changes in glial functions. Neurochemistry International, 2015, 90, 93-97.	3.8	37
64	Guanosine inhibits LPS-induced pro-inflammatory response and oxidative stress in hippocampal astrocytes through the heme oxygenase-1 pathway. Purinergic Signalling, 2015, 11, 571-580.	2.2	72
65	Carbon Tetrachloride Increases the Pro-inflammatory Cytokines Levels in Different Brain Areas of Wistar Rats: The Protective Effect of Acai Frozen Pulp. Neurochemical Research, 2015, 40, 1976-1983.	3.3	14
66	Guanosine protects C6 astroglial cells against azideâ€induced oxidative damage: a putative role of heme oxygenase 1. Journal of Neurochemistry, 2014, 130, 61-74.	3.9	57
67	Oxidative stress mediated by NMDA, AMPA/KA channels in acute hippocampal slices: Neuroprotective effect of resveratrol. Toxicology in Vitro, 2014, 28, 544-551.	2.4	66
68	Resveratrol increases antioxidant defenses and decreases proinflammatory cytokines in hippocampal astrocyte cultures from newborn, adult and aged Wistar rats. Toxicology in Vitro, 2014, 28, 479-484.	2.4	95
69	The Potential Therapeutic Effect of Guanosine after Cortical Focal Ischemia in Rats. PLoS ONE, 2014, 9, e90693.	2.5	45
70	Antioxidant and Neuroprotective Effect of Organic and Conventional White Grape Juices on Oxidative Stress Induced by Sodium Azide in Cerebral Cortex of Rats. European Journal of Nutrition & Food Safety, 2014, 4, 592-603.	0.2	2
71	Gliopreventive effects of guanosine against glucose deprivation in vitro. Purinergic Signalling, 2013, 9, 643-654.	2.2	34
72	Riluzole increases glutamate uptake by cultured C6 astroglial cells. International Journal of Developmental Neuroscience, 2013, 31, 482-486.	1.6	26

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73	Lipoic acid protects C6 cells against ammonia exposure through Na+-K+-Clâ˜ co-transporter and PKC pathway. Toxicology in Vitro, 2013, 27, 2041-2048.	2.4	12
74	Congenital hypothyroidism alters the oxidative status, enzyme activities and morphological parameters in the hippocampus of developing rats. Molecular and Cellular Endocrinology, 2013, 375, 14-26.	3.2	39
75	Animal model of autism induced by prenatal exposure to valproate: Altered glutamate metabolism in the hippocampus. Brain Research, 2013, 1495, 52-60.	2.2	73
76	Lipoic acid increases glutamate uptake, glutamine synthetase activity and glutathione content in C6 astrocyte cell line. International Journal of Developmental Neuroscience, 2013, 31, 165-170.	1.6	28
77	Green tea (â˜)epigallocatechin-3-gallate reverses oxidative stress and reduces acetylcholinesterase activity in a streptozotocin-induced model of dementia. Behavioural Brain Research, 2013, 236, 186-193.	2.2	131
78	Treadmill Exercise Induces Hippocampal Astroglial Alterations in Rats. Neural Plasticity, 2013, 2013, 1-10.	2.2	47
79	Resveratrol Protects C6 Astrocyte Cell Line against Hydrogen Peroxide-Induced Oxidative Stress through Heme Oxygenase 1. PLoS ONE, 2013, 8, e64372.	2.5	114
80	Characterization of Adult Rat Astrocyte Cultures. PLoS ONE, 2013, 8, e60282.	2.5	67
81	Caloric restriction improves basal redox parameters in hippocampus and cerebral cortex of Wistar rats. Brain Research, 2012, 1472, 11-19.	2.2	15
82	High-Glucose and S100B Stimulate Glutamate Uptake in C6 Glioma Cells. Neurochemical Research, 2012, 37, 1399-1408.	3.3	15
83	Resveratrol Prevents Ammonia Toxicity in Astroglial Cells. PLoS ONE, 2012, 7, e52164.	2.5	64
84	Epigallocatechin-3-gallate protects rat brain mitochondria against cadmium-induced damage. Food and Chemical Toxicology, 2011, 49, 2618-2623.	3.6	58
85	Differential effects of insulin on peripheral diabetes-related changes in mitochondrial bioenergetics: Involvement of advanced glycosylated end products. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2011, 1812, 1460-1471.	3.8	39
86	In vitro S100B secretion is reduced by apomorphine: Effects of antipsychotics and antioxidants. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 1291-1296.	4.8	20
87	Resveratrol modulates astroglial functions: neuroprotective hypothesis. Annals of the New York Academy of Sciences, 2011, 1215, 72-78.	3.8	65
88	Moderate exercise training and chronic caloric restriction modulate redox status in rat hippocampus. Brain Research, 2011, 1421, 1-10.	2.2	35
89	The neuroprotective effect of two statins: simvastatin and pravastatin on a streptozotocin-induced model of Alzheimerâ€™s disease in rats. Journal of Neural Transmission, 2011, 118, 1641-1649.	2.8	44
90	Effects of atypical (risperidone) and typical (haloperidol) antipsychotic agents on astroglial functions. European Archives of Psychiatry and Clinical Neuroscience, 2010, 260, 475-481.	3.2	34

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91	Treadmill training restores spatial cognitive deficits and neurochemical alterations in the hippocampus of rats submitted to an intracerebroventricular administration of streptozotocin. Journal of Neural Transmission, 2010, 117, 1295-1305.	2.8	56
92	Induction of S100B secretion in C6 astroglial cells by the major metabolites accumulating in glutaric acidemia type I. Metabolic Brain Disease, 2010, 25, 191-198.	2.9	13
93	Genoprotective Effects of the Green Tea-Derived Polyphenol/Epicatechin Gallate in C6 Astroglial Cells. Journal of Medicinal Food, 2010, 13, 1111-1115.	1.5	12
94	Actions of redox-active compound resveratrol under hydrogen peroxide insult in C6 astroglial cells. Toxicology in Vitro, 2010, 24, 916-920.	2.4	20
95	S100B secretion is stimulated by IL-1Î² in glial cultures and hippocampal slices of rats: Likely involvement of MAPK pathway. Journal of Neuroimmunology, 2009, 206, 52-57.	2.3	63
96	S100B Secretion in Acute Brain Slices: Modulation by Extracellular Levels of Ca2+ and K+. Neurochemical Research, 2009, 34, 1603-1611.	3.3	51
97	The Janus Face of Resveratrol in Astroglial Cells. Neurotoxicity Research, 2009, 16, 30-41.	2.7	44
98	Atypical neuroleptic risperidone modulates glial functions in C6 astroglial cells. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2009, 33, 11-15.	4.8	23
99	Caloric restriction increases hippocampal glutamate uptake and glutamine synthetase activity in Wistar rats. Neuroscience Research, 2009, 64, 330-334.	1.9	23
100	Hippocampal Alterations in Rats Submitted to Streptozotocin-Induced Dementia Model are Prevented by Aminoguanidine. Journal of Alzheimer's Disease, 2009, 17, 193-202.	2.6	53
101	Epicatechin gallate increases glutamate uptake and S100B secretion in C6 cell lineage. Molecular and Cellular Biochemistry, 2008, 310, 153-158.	3.1	22
102	Effect of the atypical neuroleptic risperidone on morphology and S100B secretion in C6 astroglial lineage cells. Molecular and Cellular Biochemistry, 2008, 314, 59-63.	3.1	38
103	Ketogenic dietâ€fed rats have increased fat mass and phosphoenolpyruvate carboxykinase activity. Molecular Nutrition and Food Research, 2008, 52, 1365-1371.	3.3	27
104	Developmental changes in content of glial marker proteins in rats exposed to protein malnutrition. Brain Research, 2008, 1187, 33-41.	2.2	23
105	S100B content and secretion decrease in astrocytes cultured in high-glucose medium. Neurochemistry International, 2007, 50, 774-782.	3.8	46
106	Resveratrol attenuates oxidative-induced DNA damage in C6 Glioma cells. NeuroToxicology, 2007, 28, 886-891.	3.0	71