

Penelope Aguilera

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

854
citations

516561

16
h-index

501076

28
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36
all docs

36
docs citations

36
times ranked

1461
citing authors

#	ARTICLE	IF	CITATIONS
1	S-Allylcysteine, a garlic-derived antioxidant, ameliorates quinolinic acid-induced neurotoxicity and oxidative damage in rats. <i>Neurochemistry International</i> , 2004, 45, 1175-1183.	1.9	140
2	Neurological Complications Associated with the Blood-Brain Barrier Damage Induced by the Inflammatory Response During SARS-CoV-2 Infection. <i>Molecular Neurobiology</i> , 2021, 58, 520-535.	1.9	81
3	Resveratrol Activates Neuronal Autophagy Through AMPK in the Ischemic Brain. <i>Molecular Neurobiology</i> , 2020, 57, 1055-1069.	1.9	71
4	Aged garlic extract delays the appearance of infarct area in a cerebral ischemia model, an effect likely conditioned by the cellular antioxidant systems. <i>Phytomedicine</i> , 2010, 17, 241-247.	2.3	46
5	A Replication Study of the IRS1, CAPN10, TCF7L2, and PPARC Gene Polymorphisms Associated with Type 2 Diabetes in Two Different Populations of Mexico. <i>Annals of Human Genetics</i> , 2011, 75, 612-620.	0.3	46
6	Glucose Transporters Regulation on Ischemic Brain: Possible Role as Therapeutic Target. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2010, 10, 317-325.	0.5	44
7	Time-related changes in constitutive and inducible nitric oxide synthases in the rat striatum in a model of Huntington's disease. <i>NeuroToxicology</i> , 2007, 28, 1200-1207.	1.4	38
8	Current evidence for AMPK activation involvement on resveratrol-induced neuroprotection in cerebral ischemia. <i>Nutritional Neuroscience</i> , 2018, 21, 229-247.	1.5	36
9	<i>Entamoeba histolytica</i> mitosomes: Organelles in search of a function. <i>Experimental Parasitology</i> , 2008, 118, 10-16.	0.5	34
10	A Metabotropic-Like Flux-Independent NMDA Receptor Regulates Ca ²⁺ Exit from Endoplasmic Reticulum and Mitochondrial Membrane Potential in Cultured Astrocytes. <i>PLoS ONE</i> , 2015, 10, e0126314.	1.1	32
11	The Protective Role of Heme Oxygenase-1 in Cerebral Ischemia. <i>Central Nervous System Agents in Medicinal Chemistry</i> , 2010, 10, 310-316.	0.5	31
12	Is human cytomegalovirus associated with breast cancer progression?. <i>Infectious Agents and Cancer</i> , 2013, 8, 12.	1.2	29
13	Comparison of antioxidant activity of hydroethanolic fresh and aged garlic extracts and their effects on cerebral ischemia. <i>Food Chemistry</i> , 2013, 140, 343-352.	4.2	29
14	The <sc>l</sc>ackynurenineâ€“probenecid combination reduces neuropathic pain in rats. <i>European Journal of Pain</i> , 2013, 17, 1365-1373.	1.4	26
15	Copper reduces striatal protein nitration and tyrosine hydroxylase inactivation induced by MPP ⁺ in rats. <i>Neurochemistry International</i> , 2009, 54, 447-451.	1.9	25
16	Resveratrol reduces cerebral edema through inhibition of de novo SUR1 expression induced after focal ischemia. <i>Experimental Neurology</i> , 2020, 330, 113353.	2.0	23
17	Antioxidant Properties and Protective Effects of Some Species of the Annonaceae, Lamiaceae, and Geraniaceae Families against Neuronal Damage Induced by Excitotoxicity and Cerebral Ischemia. <i>Antioxidants</i> , 2020, 9, 253.	2.2	17
18	Induction of ferroxidase enzymatic activity by copper reduces MPP ⁺ -evoked neurotoxicity in rats. <i>Neuroscience Research</i> , 2013, 75, 250-255.	1.0	15

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19	Dengue Virus Type 2: Protein Binding and Active Replication in Human Central Nervous System Cells. Scientific World Journal, The, 2013, 2013, 1-10.	0.8	13
20	Irreversible hippocampal changes induced by high fructose diet in rats. Nutritional Neuroscience, 2022, 25, 1325-1337.	1.5	13
21	Stat3 participates in the metabotropic glutamate signaling pathway in Bergmann glial cells. Neurochemical Research, 1999, 24, 981-986.	1.6	12
22	Resveratrol Prevents GLUT3 Up-Regulation Induced by Middle Cerebral Artery Occlusion. Brain Sciences, 2020, 10, 651.	1.1	8
23	Involvement of glucose transporter overexpression in the protection or damage after ischemic stroke. Neural Regeneration Research, 2022, 17, 783.	1.6	6
24	The short form of the SUR1 and its functional implications in the damaged brain. Neural Regeneration Research, 2022, 17, 488.	1.6	6
25	Resveratrol as an inducer of autophagy: is there a unique pathway of activation?. Neural Regeneration Research, 2021, 16, 101.	1.6	6
26	Aged garlic extract and S-allylcysteine increase the GLUT3 and GCLC expression levels in cerebral ischemia. Advances in Clinical and Experimental Medicine, 2019, 28, 1609-1614.	0.6	6
27	Combined Administration of Streptozotocin and Sucrose Accelerates the Appearance of Type 2 Diabetes Symptoms in Rats. Journal of Diabetes Research, 2019, 2019, 1-12.	1.0	5
28	Histamine H1 and H3 receptor activation increases the expression of Glucose Transporter 1 (GLUT-1) in rat cerebro-cortical astrocytes in primary culture. Neurochemistry International, 2019, 131, 104565.	1.9	5
29	Hypoxia Inducible Factor-1 as a Therapeutic Target in Cerebral Ischemia. Current Signal Transduction Therapy, 2009, 4, 162-173.	0.3	4
30	Glial Excitatory Amino Acid Transporters and Glucose Incorporation. Advances in Neurobiology, 2017, 16, 269-282.	1.3	4
31	Pharmacological Strategies that Affect HIF-1 in the Ischemic Brain: Focus on Hydroxylases Activity and Protein Kinase Pathways. Current Signal Transduction Therapy, 2011, 6, 237-248.	0.3	1
32	Fructose ingestion modifies NMDA receptors and exacerbates the seizures induced by kainic acid. Neuroscience Letters, 2022, 772, 136476.	1.0	1
33	Evaluation of Aged Garlic Extract Neuroprotective Effect in a Focal Model of Cerebral Ischemia. AIP Conference Proceedings, 2008, , .	0.3	0
34	Glucose Transporter 1 Expression Is Regulated by Aged Garlic Extract during Cerebral Ischemia. Journal of Food and Nutrition Research (Newark, Del), 2014, 2, 899-905.	0.1	0