Penelope Aguilera

List of Publications by Year
in descending order

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34 papers	854 citations	516561 16 h-index	501076 28 g-index
36 all docs	36 docs citations	36 times ranked	1461 citing authors

#	Article	IF	Citations
1	Irreversible hippocampal changes induced by high fructose diet in rats. Nutritional Neuroscience, 2022, 25, 1325-1337.	1.5	13
2	Involvement of glucose transporter overexpression in the protection or damage after ischemic stroke. Neural Regeneration Research, 2022, 17, 783.	1.6	6
3	The short form of the SUR1 and its functional implications in the damaged brain. Neural Regeneration Research, 2022, 17, 488.	1.6	6
4	Fructose ingestion modifies NMDA receptors and exacerbates the seizures induced by kainic acid. Neuroscience Letters, 2022, 772, 136476.	1.0	1
5	Neurological Complications Associated with the Blood-Brain Barrier Damage Induced by the Inflammatory Response During SARS-CoV-2 Infection. Molecular Neurobiology, 2021, 58, 520-535.	1.9	81
6	Resveratrol as an inductor of autophagy: is there a unique pathway of activation?. Neural Regeneration Research, 2021, 16, 101.	1.6	6
7	Resveratrol Activates Neuronal Autophagy Through AMPK in the Ischemic Brain. Molecular Neurobiology, 2020, 57, 1055-1069.	1.9	71
8	Resveratrol Prevents GLUT3 Up-Regulation Induced by Middle Cerebral Artery Occlusion. Brain Sciences, 2020, 10, 651.	1.1	8
9	Antioxidant Properties and Protective Effects of Some Species of the Annonaceae, Lamiaceae, and Geraniaceae Families against Neuronal Damage Induced by Excitotoxicity and Cerebral Ischemia. Antioxidants, 2020, 9, 253.	2.2	17
10	Resveratrol reduces cerebral edema through inhibition of de novo SUR1 expression induced after focal ischemia. Experimental Neurology, 2020, 330, 113353.	2.0	23
11	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
12	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
13	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
14	Current evidence for AMPK activation involvement on resveratrol-induced neuroprotection in cerebral ischemia. Nutritional Neuroscience, 2018, 21, 229-247.	1.5	36
15	Glial Excitatory Amino Acid Transporters and Glucose Incorporation. Advances in Neurobiology, 2017, 16, 269-282.	1.3	4
16	A Metabotropic-Like Flux-Independent NMDA Receptor Regulates Ca2+ Exit from Endoplasmic Reticulum and Mitochondrial Membrane Potential in Cultured Astrocytes. PLoS ONE, 2015, 10, e0126314.	1.1	32
17	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
18	Is human cytomegalovirus associated with breast cancer progression?. Infectious Agents and Cancer, 2013, 8, 12.	1.2	29

#	Article	IF	Citations
19	Induction of ferroxidase enzymatic activity by copper reduces MPP+-evoked neurotoxicity in rats. Neuroscience Research, 2013, 75, 250-255.	1.0	15
20	Comparison of antioxidant activity of hydroethanolic fresh and aged garlic extracts and their effects on cerebral ischemia. Food Chemistry, 2013, 140, 343-352.	4.2	29
21	The <scp>l</scp>â€kynurenineâ€“probenecid combination reduces neuropathic pain in rats. European Journal of Pain, 2013, 17, 1365-1373.	1.4	26
22	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
23	A Replication Study of the IRS1, CAPN10, TCF7L2, and PPARG Gene Polymorphisms Associated with Type 2 Diabetes in Two Different Populations of Mexico. Annals of Human Genetics, 2011, 75, 612-620.	0.3	46
24	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
25	Aged garlic extract delays the appearance of infarct area in a cerebral ischemia model, an effect likely conditioned by the cellular antioxidant systems. Phytomedicine, 2010, 17, 241-247.	2.3	46
26	The Protective Role of Heme Oxygenase-1 in Cerebral Ischemia. Central Nervous System Agents in Medicinal Chemistry, 2010, 10, 310-316.	0.5	31
27	Glucose Transporters Regulation on Ischemic Brain: Possible Role as Therapeutic Target. Central Nervous System Agents in Medicinal Chemistry, 2010, 10, 317-325.	0.5	44
28	Copper reduces striatal protein nitration and tyrosine hydroxylase inactivation induced by MPP+ in rats. Neurochemistry International, 2009, 54, 447-451.	1.9	25
29	Hypoxia Inducible Factor-1 as a Therapeutic Target in Cerebral Ischemia. Current Signal Transduction Therapy, 2009, 4, 162-173.	0.3	4
30	Entamoeba histolytica mitosomes: Organelles in search of a function. Experimental Parasitology, 2008, 118, 10-16.	0.5	34
31	Evaluation of Aged Garlic Extract Neuroprotective Effect in a Focal Model of Cerebral Ischemia. AIP Conference Proceedings, 2008, , .	0.3	0
32	Time-related changes in constitutive and inducible nitric oxide synthases in the rat striatum in a model of Huntington's disease. NeuroToxicology, 2007, 28, 1200-1207.	1.4	38
33	S-Allylcysteine, a garlic-derived antioxidant, ameliorates quinolinic acid-induced neurotoxicity and oxidative damage in rats. Neurochemistry International, 2004, 45, 1175-1183.	1.9	140
34	Stat3 participates in the metabotropic glutamate signaling pathway in Bergmann glial cells. Neurochemical Research, 1999, 24, 981-986.	1.6	12