Arsenio FernÃ¡ndez-LÃ³pez

List of Publications by Year
in descending order

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65 papers	5,497 citations	516561 16 h-index	110317 64 g-index
66 all docs	66 docs citations	66 times ranked	14279 citing authors

#	Article	IF	Citations
1	Celeboxib-mediated neuroprotection in focal cerebral ischemia: an interplay between unfolded protein response and inflammation. Neural Regeneration Research, 2022, 17, 302.	1.6	0
2	Celecoxib-Dependent Neuroprotection in a Rat Model of Transient Middle Cerebral Artery Occlusion (tMCAO) Involves Modifications in Unfolded Protein Response (UPR) and Proteasome. Molecular Neurobiology, 2021, 58, 1404-1417.	1.9	5
3	Necroptosis in global cerebral ischemia: a role for endoplasmic reticulum stress. Neural Regeneration Research, 2020, 15, 455.	1.6	8
4	Postâ€ischemic salubrinal administration reduces necroptosis in a rat model of global cerebral ischemia. Journal of Neurochemistry, 2019, 151, 777-794.	2.1	24
5	Brainâ€derived neurotrophic factor alleviates the oxidative stress induced by oxygen and glucose deprivation in an ex vivo brain slice model. Journal of Cellular Physiology, 2019, 234, 9592-9604.	2.0	10
6	Using organotypic hippocampal slice cultures to gain insight into mechanisms responsible for the neuroprotective effects of meloxicam: a role for gamma aminobutyric and endoplasmic reticulum stress. Neural Regeneration Research, 2019, 14, 65.	1.6	2
7	Combining anti-inflammatory and unfolding protein responses to fight stroke. Neural Regeneration Research, 2019, 14, 450.	1.6	2
8	Salubrinal and robenacoxib treatment after global cerebral ischemia. Exploring the interactions between ER stress and inflammation. Biochemical Pharmacology, 2018, 151, 26-37.	2.0	37
9	Celecoxib Treatment Improves Neurologic Deficit and Reduces Selective Neuronal Loss and Glial Response in Rats after Transient Middle Cerebral Artery Occlusion. Journal of Pharmacology and Experimental Therapeutics, 2018, 367, 528-542.	1.3	17
10	Bicuculline Reverts the Neuroprotective Effects of Meloxicam in an Oxygen and Glucose Deprivation (OGD) Model of Organotypic Hippocampal Slice Cultures. Neuroscience, 2018, 386, 68-78.	1.1	5
11	Mechanisms of Cell Damage in Neurological Diseases and Putative Neuroprotective Strategies. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-2.	1.9	5
12	Neuroprotective effect of 2-hydroxy arachidonic acid in a rat model of transient middle cerebral artery occlusion. Biochimica Et Biophysica Acta - Biomembranes, 2017, 1859, 1648-1656.	1.4	22
13	A role for lipids as agents to alleviate stroke damage: the neuroprotective effect of 2-hydroxy arachidonic acid. Neural Regeneration Research, 2017, 12, 1273.	1.6	3
14	Postâ€ischemic salubrinal treatment results in a neuroprotective role in global cerebral ischemia. Journal of Neurochemistry, 2016, 138, 295-306.	2.1	35
15	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
16	Neuroprotection by salubrinal treatment in global cerebral ischemia. Neural Regeneration Research, 2016, 11, 1744.	1.6	8
17	Glutamate receptor and transporter modifications in rat organotypic hippocampal slice cultures exposed to oxygenâ€“glucose deprivation: The contribution of cyclooxygenase-2. Neuroscience, 2015, 292, 118-128.	1.1	12
18	Hippocampus and cerebral cortex present a different autophagic response after oxygen and glucose deprivation in an ex vivo rat brain slice model. Neuropathology and Applied Neurobiology, 2015, 41, e68-79.	1.8	17

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19	Ischemic insults induce necroptotic cell death in hippocampal neurons through the up-regulation of endogenous RIP3. Neurobiology of Disease, 2014, 68, 26-36.	2.1	107
20	Age-dependent modifications in vascular adhesion molecules and apoptosis after 48-h reperfusion in a rat global cerebral ischemia model. Age, 2014, 36, 9703.	3.0	15
21	Unfolded protein response to global ischemia following 48Âh of reperfusion in the rat brain: the effect of age and meloxicam. Journal of Neurochemistry, 2013, 127, 701-710.	2.1	23
22	GABAA receptor chloride channels are involved in the neuroprotective role of GABA following oxygen and glucose deprivation in the rat cerebral cortex but not in the hippocampus. Brain Research, 2013, 1533, 141-151.	1.1	8
23	Age and meloxicam modify the response of the glutamate vesicular transporters (VGLUTs) after transient global cerebral ischemia in the rat brain. Brain Research Bulletin, 2013, 94, 90-97.	1.4	23
24	Differential effect of transient global ischaemia on the levels of Î³â€aminobutyric acid type A (GABA_A) receptor subunit mRNAs in young and older rats. Neuropathology and Applied Neurobiology, 2012, 38, 710-722.	1.8	6
25	Age-dependent modifications in the mRNA levels of the rat excitatory amino acid transporters (EAATs) at 48 hour reperfusion following global ischemia. Brain Research, 2010, 1358, 11-19.	1.1	10
26	AMPA receptor downregulation induced by ischaemia/reperfusion is attenuated by age and blocked by meloxicam. Neuropathology and Applied Neurobiology, 2010, 36, 436-447.	1.8	13
27	Age and meloxicam attenuate the ischemia/reperfusion-induced down-regulation in the NMDA receptor genes. Neurochemistry International, 2010, 56, 878-885.	1.9	18
28	Global ischemia-induced modifications in the expression of AMPA receptors and inflammation in rat brain. Brain Research, 2009, 1287, 20-27.	1.1	24
29	Early modifications in N-methyl-d-aspartate receptor subunit mRNA levels in an oxygen and glucose deprivation model using rat hippocampal brain slices. Neuroscience, 2009, 164, 1119-1126.	1.1	15
30	Functional autoradiography and gene expression analysis applied to the characterization of the Î±2-adrenergic system in the chicken brain. Journal of Chemical Neuroanatomy, 2009, 38, 282-291.	1.0	2
31	Transient global ischemia in rat brain promotes different NMDA receptor regulation depending on the brain structure studied. Neurochemistry International, 2009, 54, 180-185.	1.9	29
32	Quantitative gene expression analysis in a brain slice model: Influence of temperature and incubation media. Analytical Biochemistry, 2008, 378, 99-101.	1.1	9
33	Muscarinic receptor changes in the gerbil thalamus during aging. Brain Research, 2008, 1243, 38-46.	1.1	7
34	Pharmacological characterization and autoradiographic distribution of Î±2-adrenoceptor antagonist [3H]RX 821002 binding sites in the chicken brain. Neuroscience, 2006, 141, 357-369.	1.1	13
35	Effect of Î´-aminolevulinic acid and vitamin E treatments on the N-methyl-d-aspartate receptor at different ages in the striatum of rat brain. Brain Research, 2006, 1114, 19-23.	1.1	5
36	Effect of Î´-aminolevulinic acid treatment on N-methyl-d-aspartate receptor at different ages in the rat brain. Brain Research, 2005, 1061, 80-87.	1.1	7

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37	Differential effects on [35S]GTPÎ³S binding using muscarinic agonists and antagonists in the gerbil brain. Journal of Chemical Neuroanatomy, 2005, 30, 119-128.	1.0	4
38	Effect of vitamin E treatment on N-methyl-d-aspartate receptor at different ages in the rat brain. Brain Research, 2004, 1028, 148-155.	1.1	12
39	The transcription factor CREB is phosphorylated in neurons of the piriform cortex of blind mice in response to illumination of the retina. Neuroscience Letters, 2004, 357, 223-226.	1.0	7
40	The GABAA receptor complex in the chicken brain: immunocytochemical distribution of Î±1- and Î²2-subunits and autoradiographic distribution of BZ1 and BZ2 binding sites. Journal of Chemical Neuroanatomy, 2003, 25, 1-18.	1.0	5
41	Norepinephrine, epinephrine and MHPG levels in chick brain development. Neuropharmacology, 2001, 41, 480-485.	2.0	11
42	Distribution of the Î³-aminobutyric acid A receptor complex alpha 5 subunit in chick brain. An immunocytochemical and autoradiographic study. Neuroscience Letters, 2000, 291, 49-53.	1.0	3
43	Autoradiographic characterisation of Î²-adrenoceptors in chick brain using []CGP 12177. Brain Research Protocols, 2000, 5, 140-145.	1.7	5
44	The subcommissural organ of the frog Rana perezi is innervated by nerve fibres containing GABA. Cell and Tissue Research, 2000, 299, 253-262.	1.5	4
45	Seizure-Refractory Period After a Single Stimulation and Inhibition of Seizures After Repetitive Stimulation in the Gerbil: Effects on Blood Cortisol Levels. Epilepsia, 1999, 40, 1-4.	2.6	12
46	A comparative study of the Î²-adrenoceptors in higher song nuclei of birds. Neuroscience Letters, 1999, 271, 9-12.	1.0	3
47	Effect of surgical stress on benzodiazepine receptors as a consequence of placebo pellet implantation in rat: An autoradiographic study. Brain Research Bulletin, 1999, 49, 413-418.	1.4	2
48	Pre- and post-hatching developmental changes in Î²-adrenoceptor subtypes in chick brain. Developmental Brain Research, 1998, 111, 159-167.	2.1	13
49	A comparative study of the Î²-adrenoceptors in higher visual centres of birds. Neuroscience Letters, 1998, 256, 81-84.	1.0	2
50	Distribution of the GABAA receptor complex Î²2/3 subunits in the brain of the frog Rana pipiens. Neuroscience Letters, 1997, 225, 65-68.	1.0	22
51	The autoradiographic perspective of central benzodiazepine receptors: A short review. General Pharmacology, 1997, 29, 173-180.	0.7	16
52	Effects of an acute dose of ethanol on dopaminergic and serotonergic systems from rat cerebral cortex and striatum. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1996, 113, 399-402.	0.5	6
53	Effects of chronic treatment with ethanol and withdrawal on levels of monoamines in rat cerebral cortex and striatum. Influence of midazolam, thiopenthal and somatostatin. International Journal of Biochemistry and Cell Biology, 1995, 27, 1267-1276.	1.2	3
54	Autoradiographical study of types 1 and 2 of benzodiazepine receptors in rat brain after chronic ethanol treatment and its withdrawal. Neuropharmacology, 1995, 34, 1177-1182.	2.0	8

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55	An autoradiographical saturation kinetic study of the different benzodiazepine binding sites in rat brain by using [3H] flunitrazepam as a radioligand. Biochemical Pharmacology, 1995, 50, 1619-1625.	2.0	8
56	Effect of morphine and abstinence syndrome on [3H]bromoxidine binding to ?2-adrenoreceptors in rat brain. Neurochemical Research, 1994, 19, 445-449.	1.6	2
57	Identification of Î±2-adrenoceptors in rat lymph nodes and spleen: an autoradiographic study. European Journal of Pharmacology, 1994, 252, 333-336.	1.7	7
58	Identification of Î²-adrenoceptors in rat lymph nodes and spleen: an autoradiographic study. European Journal of Pharmacology, 1994, 262, 283-286.	1.7	9
59	Effect of chronic treatment with ethanol and withdrawal of ethanol on binding of [3H]SCH23390 to D1 dopamine receptor in rat visual cortex and hippocampus. An autoradiographic study. Neuropharmacology, 1994, 33, 1203-1209.	2.0	5
60	Differential effect of chronic ethanol treatment on barbiturate and steroid modulation of muscimol-binding to rat brain cortex. Neuroscience Letters, 1993, 158, 83-86.	1.0	8
61	Differential expression of the Î±1C adrenergic receptor subtype in rat tissues. NeuroReport, 1993, 4, 1266-1268.	0.6	12
62	Effects of chronic treatment with ethanol and withdrawal of ethanol on levels of dopamine, 3,4-dihydroxyphenylacetic acid and homovanillic acid in the striatum of the rat. Influence of benzodiazepines, barbiturate and somatostatin. Neuropharmacology, 1992, 31, 1151-1156.	2.0	26
63	Effect of Chronic Ethanol Treatment on the ?-Aminobutyric Acid-Mediated Enhancement of [3H]Flunitrazepam Binding in Rat Cortex and Hippocampus. Journal of Neurochemistry, 1992, 58, 1916-1922.	2.1	13
64	[3H]-flunitrazepam binding after morphine treatment and under abstinence syndrome. Brain Research Bulletin, 1991, 27, 611-615.	1.4	5
65	Autoradiographic localization of Î±2-adrenoceptors in chick brain. Neuroscience Letters, 1990, 120, 97-100.	1.0	17