

Arsenio Fernández-López

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	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Ischemic insults induce necroptotic cell death in hippocampal neurons through the up-regulation of endogenous RIP3. <i>Neurobiology of Disease</i> , 2014, 68, 26-36.	2.1	107
3	Salubrinal and robenacoxib treatment after global cerebral ischemia. Exploring the interactions between ER stress and inflammation. <i>Biochemical Pharmacology</i> , 2018, 151, 26-37.	2.0	37
4	Post-ischemic salubrinal treatment results in a neuroprotective role in global cerebral ischemia. <i>Journal of Neurochemistry</i> , 2016, 138, 295-306.	2.1	35
5	Transient global ischemia in rat brain promotes different NMDA receptor regulation depending on the brain structure studied. <i>Neurochemistry International</i> , 2009, 54, 180-185.	1.9	29
6	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. <i>Neuropharmacology</i> , 1992, 31, 1151-1156.	2.0	26
7	Global ischemia-induced modifications in the expression of AMPA receptors and inflammation in rat brain. <i>Brain Research</i> , 2009, 1287, 20-27.	1.1	24
8	Post-ischemic salubrinal administration reduces necroptosis in a rat model of global cerebral ischemia. <i>Journal of Neurochemistry</i> , 2019, 151, 777-794.	2.1	24
9	Unfolded protein response to global ischemia following 48h of reperfusion in the rat brain: the effect of age and meloxicam. <i>Journal of Neurochemistry</i> , 2013, 127, 701-710.	2.1	23
10	Age and meloxicam modify the response of the glutamate vesicular transporters (VGLUTs) after transient global cerebral ischemia in the rat brain. <i>Brain Research Bulletin</i> , 2013, 94, 90-97.	1.4	23
11	Distribution of the GABAA receptor complex $\alpha 2/3$ subunits in the brain of the frog <i>Rana pipiens</i> . <i>Neuroscience Letters</i> , 1997, 225, 65-68.	1.0	22
12	Neuroprotective effect of 2-hydroxy arachidonic acid in a rat model of transient middle cerebral artery occlusion. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2017, 1859, 1648-1656.	1.4	22
13	Age and meloxicam attenuate the ischemia/reperfusion-induced down-regulation in the NMDA receptor genes. <i>Neurochemistry International</i> , 2010, 56, 878-885.	1.9	18
14	Autoradiographic localization of β -adrenoceptors in chick brain. <i>Neuroscience Letters</i> , 1990, 120, 97-100.	1.0	17
15	Hippocampus and cerebral cortex present a different autophagic response after oxygen and glucose deprivation in an <i>ex vivo</i> rat brain slice model. <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, e68-79.	1.8	17
16	Celecoxib Treatment Improves Neurologic Deficit and Reduces Selective Neuronal Loss and Glial Response in Rats after Transient Middle Cerebral Artery Occlusion. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 367, 528-542.	1.3	17
17	The autoradiographic perspective of central benzodiazepine receptors: A short review. <i>General Pharmacology</i> , 1997, 29, 173-180.	0.7	16
18	Early modifications in N-methyl-d-aspartate receptor subunit mRNA levels in an oxygen and glucose deprivation model using rat hippocampal brain slices. <i>Neuroscience</i> , 2009, 164, 1119-1126.	1.1	15

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19	Age-dependent modifications in vascular adhesion molecules and apoptosis after 48-h reperfusion in a rat global cerebral ischemia model. <i>Age</i> , 2014, 36, 9703.	3.0	15
20	Effect of Chronic Ethanol Treatment on the γ -Aminobutyric Acid-Mediated Enhancement of [3H]Flunitrazepam Binding in Rat Cortex and Hippocampus. <i>Journal of Neurochemistry</i> , 1992, 58, 1916-1922.	2.1	13
21	Pre- and post-hatching developmental changes in $\hat{1}^2$ -adrenoceptor subtypes in chick brain. <i>Developmental Brain Research</i> , 1998, 111, 159-167.	2.1	13
22	Pharmacological characterization and autoradiographic distribution of $\hat{1}^2$ -adrenoceptor antagonist [3H]RX 821002 binding sites in the chicken brain. <i>Neuroscience</i> , 2006, 141, 357-369.	1.1	13
23	AMPA receptor downregulation induced by ischaemia/reperfusion is attenuated by age and blocked by meloxicam. <i>Neuropathology and Applied Neurobiology</i> , 2010, 36, 436-447.	1.8	13
24	Differential expression of the $\hat{1}^1C$ adrenergic receptor subtype in rat tissues. <i>NeuroReport</i> , 1993, 4, 1266-1268.	0.6	12
25	Seizure-Refractory Period After a Single Stimulation and Inhibition of Seizures After Repetitive Stimulation in the Gerbil: Effects on Blood Cortisol Levels. <i>Epilepsia</i> , 1999, 40, 1-4.	2.6	12
26	Effect of vitamin E treatment on N-methyl-d-aspartate receptor at different ages in the rat brain. <i>Brain Research</i> , 2004, 1028, 148-155.	1.1	12
27	Glutamate receptor and transporter modifications in rat organotypic hippocampal slice cultures exposed to oxygen-glucose deprivation: The contribution of cyclooxygenase-2. <i>Neuroscience</i> , 2015, 292, 118-128.	1.1	12
28	Norepinephrine, epinephrine and MHPG levels in chick brain development. <i>Neuropharmacology</i> , 2001, 41, 480-485.	2.0	11
29	Age-dependent modifications in the mRNA levels of the rat excitatory amino acid transporters (EAATs) at 48 hour reperfusion following global ischemia. <i>Brain Research</i> , 2010, 1358, 11-19.	1.1	10
30	Brain-derived neurotrophic factor alleviates the oxidative stress induced by oxygen and glucose deprivation in an ex vivo brain slice model. <i>Journal of Cellular Physiology</i> , 2019, 234, 9592-9604.	2.0	10
31	Identification of $\hat{1}^2$ -adrenoceptors in rat lymph nodes and spleen: an autoradiographic study. <i>European Journal of Pharmacology</i> , 1994, 262, 283-286.	1.7	9
32	Quantitative gene expression analysis in a brain slice model: Influence of temperature and incubation media. <i>Analytical Biochemistry</i> , 2008, 378, 99-101.	1.1	9
33	Differential effect of chronic ethanol treatment on barbiturate and steroid modulation of muscimol-binding to rat brain cortex. <i>Neuroscience Letters</i> , 1993, 158, 83-86.	1.0	8
34	Autoradiographical study of types 1 and 2 of benzodiazepine receptors in rat brain after chronic ethanol treatment and its withdrawal. <i>Neuropharmacology</i> , 1995, 34, 1177-1182.	2.0	8
35	An autoradiographical saturation kinetic study of the different benzodiazepine binding sites in rat brain by using [3H] flunitrazepam as a radioligand. <i>Biochemical Pharmacology</i> , 1995, 50, 1619-1625.	2.0	8
36	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. <i>Brain Research</i> , 2013, 1533, 141-151.	1.1	8

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37	Neuroprotection by salubrinal treatment in global cerebral ischemia. <i>Neural Regeneration Research</i> , 2016, 11, 1744.	1.6	8
38	Necroptosis in global cerebral ischemia: a role for endoplasmic reticulum stress. <i>Neural Regeneration Research</i> , 2020, 15, 455.	1.6	8
39	Identification of $\hat{1}\pm 2$ -adrenoceptors in rat lymph nodes and spleen: an autoradiographic study. <i>European Journal of Pharmacology</i> , 1994, 252, 333-336.	1.7	7
40	The transcription factor CREB is phosphorylated in neurons of the piriform cortex of blind mice in response to illumination of the retina. <i>Neuroscience Letters</i> , 2004, 357, 223-226.	1.0	7
41	Effect of $\hat{1}$ -aminolevulinic acid treatment on N-methyl-d-aspartate receptor at different ages in the rat brain. <i>Brain Research</i> , 2005, 1061, 80-87.	1.1	7
42	Muscarinic receptor changes in the gerbil thalamus during aging. <i>Brain Research</i> , 2008, 1243, 38-46.	1.1	7
43	Effects of an acute dose of ethanol on dopaminergic and serotonergic systems from rat cerebral cortex and striatum. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 1996, 113, 399-402.	0.5	6
44	Differential effect of transient global ischaemia on the levels of $\hat{1}\hat{3}$ aminobutyric acid type A (GABA _A) receptor subunit mRNAs in young and older rats. <i>Neuropathology and Applied Neurobiology</i> , 2012, 38, 710-722.	1.8	6
45	[3H]-flunitrazepam binding after morphine treatment and under abstinence syndrome. <i>Brain Research Bulletin</i> , 1991, 27, 611-615.	1.4	5
46	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. <i>Neuropharmacology</i> , 1994, 33, 1203-1209.	2.0	5
47	Autoradiographic characterisation of $\hat{1}^2$ -adrenoceptors in chick brain using [$\hat{1}$]CGP 12177. <i>Brain Research Protocols</i> , 2000, 5, 140-145.	1.7	5
48	The GABAA receptor complex in the chicken brain: immunocytochemical distribution of $\hat{1}\pm 1$ - and $\hat{1}\hat{3}^2$ -subunits and autoradiographic distribution of BZ1 and BZ2 binding sites. <i>Journal of Chemical Neuroanatomy</i> , 2003, 25, 1-18.	1.0	5
49	Effect of $\hat{1}$ -aminolevulinic acid and vitamin E treatments on the N-methyl-d-aspartate receptor at different ages in the striatum of rat brain. <i>Brain Research</i> , 2006, 1114, 19-23.	1.1	5
50	Bicuculline Reverts the Neuroprotective Effects of Meloxicam in an Oxygen and Glucose Deprivation (OGD) Model of Organotypic Hippocampal Slice Cultures. <i>Neuroscience</i> , 2018, 386, 68-78.	1.1	5
51	Mechanisms of Cell Damage in Neurological Diseases and Putative Neuroprotective Strategies. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-2.	1.9	5
52	Celecoxib-Dependent Neuroprotection in a Rat Model of Transient Middle Cerebral Artery Occlusion (tMCAO) Involves Modifications in Unfolded Protein Response (UPR) and Proteasome. <i>Molecular Neurobiology</i> , 2021, 58, 1404-1417.	1.9	5
53	The subcommissural organ of the frog <i>Rana perezi</i> is innervated by nerve fibres containing GABA. <i>Cell and Tissue Research</i> , 2000, 299, 253-262.	1.5	4
54	Differential effects on [35S]GTP $\hat{1}\hat{3}$ S binding using muscarinic agonists and antagonists in the gerbil brain. <i>Journal of Chemical Neuroanatomy</i> , 2005, 30, 119-128.	1.0	4

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55	Effects of chronic treatment with ethanol and withdrawal on levels of monoamines in rat cerebral cortex and striatum. Influence of midazolam, thiopental and somatostatin. <i>International Journal of Biochemistry and Cell Biology</i> , 1995, 27, 1267-1276.	1.2	3
56	A comparative study of the β_2 -adrenoceptors in higher song nuclei of birds. <i>Neuroscience Letters</i> , 1999, 271, 9-12.	1.0	3
57	Distribution of the β_3 -aminobutyric acid A receptor complex alpha 5 subunit in chick brain. An immunocytochemical and autoradiographic study. <i>Neuroscience Letters</i> , 2000, 291, 49-53.	1.0	3
58	A role for lipids as agents to alleviate stroke damage: the neuroprotective effect of 2-hydroxy arachidonic acid. <i>Neural Regeneration Research</i> , 2017, 12, 1273.	1.6	3
59	Effect of morphine and abstinence syndrome on [3 H]bromoxidine binding to β_2 -adrenoreceptors in rat brain. <i>Neurochemical Research</i> , 1994, 19, 445-449.	1.6	2
60	A comparative study of the β_2 -adrenoceptors in higher visual centres of birds. <i>Neuroscience Letters</i> , 1998, 256, 81-84.	1.0	2
61	Effect of surgical stress on benzodiazepine receptors as a consequence of placebo pellet implantation in rat: An autoradiographic study. <i>Brain Research Bulletin</i> , 1999, 49, 413-418.	1.4	2
62	Functional autoradiography and gene expression analysis applied to the characterization of the $\beta_{\pm 2}$ -adrenergic system in the chicken brain. <i>Journal of Chemical Neuroanatomy</i> , 2009, 38, 282-291.	1.0	2
63	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. <i>Neural Regeneration Research</i> , 2019, 14, 65.	1.6	2
64	Combining anti-inflammatory and unfolding protein responses to fight stroke. <i>Neural Regeneration Research</i> , 2019, 14, 450.	1.6	2
65	Celecoxib-mediated neuroprotection in focal cerebral ischemia: an interplay between unfolded protein response and inflammation. <i>Neural Regeneration Research</i> , 2022, 17, 302.	1.6	0