Arsenio Fernndez-Lpez

List of Publications by Year in Descending Order

64 papers	4,526 citations	15 h-index	66 g-index
66 ext. papers	5,121 ext. citations	4.5 avg, IF	3.55 L-index

#	Paper	IF	Citations
64	Celeboxib-mediated neuroprotection in focal cerebral ischemia: an interplay between unfolded protein response and inflammation. *Neural Regeneration Research*, **2022**, 17, 302-303	4.5	
63	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	6.2	2
62	Necroptosis in global cerebral ischemia: a role for endoplasmic reticulum stress. *Neural Regeneration Research*, **2020**, 15, 455-456	4.5	5
61	Post-ischemic salubrinal administration reduces necroptosis in a rat model of global cerebral ischemia. *Journal of Neurochemistry*, **2019**, 151, 777-794	6	15
60	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, 65-66	4.5	1
59	Combining anti-inflammatory and unfolding protein responses to fight stroke. *Neural Regeneration Research*, **2019**, 14, 450-451	4.5	0
58	Brain-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	7	5
57	Salubrinal and robenacoxib treatment after global cerebral ischemia. Exploring the interactions between ER stress and inflammation. *Biochemical Pharmacology*, **2018**, 151, 26-37	6	29
56	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	3.9	3
55	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	4.7	11
54	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	3.8	17
53	A role for lipids as agents to alleviate stroke damage: the neuroprotective effect of 2-hydroxy arachidonic acid. *Neural Regeneration Research*, **2017**, 12, 1273-1275	4.5	3
52	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
51	Neuroprotection by salubrinal treatment in global cerebral ischemia. *Neural Regeneration Research*, **2016**, 11, 1744-1745	4.5	6
50	Post-ischemic salubrinal treatment results in a neuroprotective role in global cerebral ischemia. *Journal of Neurochemistry*, **2016**, 138, 295-306	6	29
49	Glutamate receptor and transporter modifications in rat organotypic hippocampal slice cultures exposed to oxygen-glucose deprivation: the contribution of cyclooxygenase-2. *Neuroscience*, **2015**, 292, 118-28	3.9	12
48	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	5.2	15

47	Ischemic insults induce necroptotic cell death in hippocampal neurons through the up-regulation of endogenous RIP3. *Neurobiology of Disease*, **2014**, 68, 26-36	7.5	89
46	Age-dependent modifications in vascular adhesion molecules and apoptosis after 48-h reperfusion in a rat global cerebral ischemia model. *Age*, **2014**, 36, 9703		14
45	Unfolded protein response to global ischemia following 48 h of reperfusion in the rat brain: the effect of age and meloxicam. *Journal of Neurochemistry*, **2013**, 127, 701-10	6	20
44	GABA(A) 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, 141-51	3.7	7
43	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, 90-7	3.9	16
42	Differential effect of transient global ischaemia on the levels of aminobutyric acid type A (GABA(A)) receptor subunit mRNAs in young and older rats. *Neuropathology and Applied Neurobiology*, **2012**, 38, 710-22	5.2	6
41	AMPA receptor downregulation induced by ischaemia/reperfusion is attenuated by age and blocked by meloxicam. *Neuropathology and Applied Neurobiology*, **2010**, 36, 436-47	5.2	12
40	Age and meloxicam attenuate the ischemia/reperfusion-induced down-regulation in the NMDA receptor genes. *Neurochemistry International*, **2010**, 56, 878-85	4.4	17
39	Age-dependent modifications in the mRNA levels of the rat excitatory amino acid transporters (EAATs) at 48hour reperfusion following global ischemia. *Brain Research*, **2010**, 1358, 11-9	3.7	10
38	Global ischemia-induced modifications in the expression of AMPA receptors and inflammation in rat brain. *Brain Research*, **2009**, 1287, 20-7	3.7	22
37	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, 1119-26	3.9	15
36	Functional autoradiography and gene expression analysis applied to the characterization of the alpha2-adrenergic system in the chicken brain. *Journal of Chemical Neuroanatomy*, **2009**, 38, 282-91	3.2	1
35	Transient global ischemia in rat brain promotes different NMDA receptor regulation depending on the brain structure studied. *Neurochemistry International*, **2009**, 54, 180-5	4.4	29
34	Muscarinic receptor changes in the gerbil thalamus during aging. *Brain Research*, **2008**, 1243, 38-46	3.7	5
33	Quantitative gene expression analysis in a brain slice model: influence of temperature and incubation media. *Analytical Biochemistry*, **2008**, 378, 99-101	3.1	9
32	Effect of delta-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	3.7	5
31	Pharmacological characterization and autoradiographic distribution of alpha2-adrenoceptor antagonist [3H]RX 821002 binding sites in the chicken brain. *Neuroscience*, **2006**, 141, 357-69	3.9	13
30	Differential effects on [35S]GTPgammaS binding using muscarinic agonists and antagonists in the gerbil brain. *Journal of Chemical Neuroanatomy*, **2005**, 30, 119-28	3.2	4

29	Effect of delta-aminolevulinic acid treatment on N-methyl-D-aspartate receptor at different ages in the rat brain. *Brain Research*, **2005**, 1061, 80-7	3.7	7
28	Effect of vitamin E treatment on N-methyl-D-aspartate receptor at different ages in the rat brain. *Brain Research*, **2004**, 1028, 148-55	3.7	12
27	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, 223-6	3.3	7
26	The GABA(A) receptor complex in the chicken brain: immunocytochemical distribution of alpha 1- and gamma 2-subunits and autoradiographic distribution of BZ1 and BZ2 binding sites. *Journal of Chemical Neuroanatomy*, **2003**, 25, 1-18	3.2	5
25	Norepinephrine, epinephrine and MHPG levels in chick brain development. *Neuropharmacology*, **2001**, 41, 480-5	5.5	10
24	Distribution of the gamma-aminobutyric acid(A) receptor complex alpha 5 subunit in chick brain. An immunocytochemical and autoradiographic study. *Neuroscience Letters*, **2000**, 291, 49-53	3.3	3
23	Autoradiographic characterisation of beta-adrenoceptors in chick brain using [3H]CGP 12177. *Brain Research Protocols*, **2000**, 5, 140-5		5
22	The subcommissural organ of the frog Rana perezi is innervated by nerve fibres containing GABA. *Cell and Tissue Research*, **2000**, 299, 253-62	4.2	3
21	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	6.4	11
20	A comparative study of the beta-adrenoceptors in higher song nuclei of birds. *Neuroscience Letters*, **1999**, 271, 9-12	3.3	3
19	Effect of surgical stress on benzodiazepine receptors as a consequence of placebo pellet implantation in rat: an autoradiographic study. *Brain Research Bulletin*, **1999**, 49, 413-8	3.9	2
18	Pre- and post-hatching developmental changes in beta-adrenoceptor subtypes in chick brain. *Developmental Brain Research*, **1998**, 111, 159-67		13
17	A comparative study of the beta-adrenoceptors in higher visual centres of birds. *Neuroscience Letters*, **1998**, 256, 81-4	3.3	2
16	Distribution of the GABAA receptor complex beta 2/3 subunits in the brain of the frog Rana pipiens. *Neuroscience Letters*, **1997**, 225, 65-8	3.3	22
15	The autoradiographic perspective of central benzodiazepine receptors; a short review. *General Pharmacology*, **1997**, 29, 173-80		14
14	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		3
13	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, 1267-76	5.6	3
12	Autoradiographical study of types 1 and 2 of benzodiazepine receptors in rat brain after chronic ethanol treatment and its withdrawal. *Neuropharmacology*, **1995**, 34, 1177-82	5.5	7

11	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, 1619-25	6	8
10	Effect of morphine and abstinence syndrome on [3H]bromoxidine binding to alpha 2-adrenoceptors in rat brain. *Neurochemical Research*, **1994**, 19, 445-9	4.6	2
9	Identification of alpha 2-adrenoceptors in rat lymph nodes and spleen: an autoradiographic study. *European Journal of Pharmacology*, **1994**, 252, 333-6	5.3	7
8	Identification of beta-adrenoceptors in rat lymph nodes and spleen: an autoradiographic study. *European Journal of Pharmacology*, **1994**, 262, 283-6	5.3	5
7	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, 1203-9	5.5	5
6	Differential effect of chronic ethanol treatment on barbiturate and steroid modulation of muscimol-binding to rat brain cortex. *Neuroscience Letters*, **1993**, 158, 83-6	3.3	8
5	Differential expression of the alpha 1c adrenergic receptor subtype in rat tissues. *NeuroReport*, **1993**, 4, 1266-8	1.7	12
4	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, 1151-6	5.5	24
3	Effect of chronic ethanol treatment on the gamma-aminobutyric acid-mediated enhancement of [3H]flunitrazepam binding in rat cortex and hippocampus. *Journal of Neurochemistry*, **1992**, 58, 1916-22	6	13
2	[3H]-flunitrazepam binding after morphine treatment and under abstinence syndrome. *Brain Research Bulletin*, **1991**, 27, 611-5	3.9	5
1	Autoradiographic localization of alpha 2-adrenoceptors in chick brain. *Neuroscience Letters*, **1990**, 120, 97-100	3.3	17