

David Agustn Len Navarro

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

38
papers

559
citations

14
h-index

22
g-index

39
ext. papers

612
ext. citations

4.4
avg, IF

3.44
L-index

#	Paper	IF	Citations
38	Adenosine A1 receptor down-regulation in mothers and fetal brain after caffeine and theophylline treatments to pregnant rats. <i>Journal of Neurochemistry</i> , 2002 , 82, 625-34	6	60
37	Dinucleoside polyphosphates and their interaction with other nucleotide signaling pathways. <i>Pflugers Archiv European Journal of Physiology</i> , 2006 , 452, 563-72	4.6	47
36	P2Y1 and P2X7 receptors induce calcium/calmodulin-dependent protein kinase II phosphorylation in cerebellar granule neurons. <i>European Journal of Neuroscience</i> , 2006 , 23, 2999-3013	3.5	41
35	Glutamate release and synapsin-I phosphorylation induced by P2X7 receptors activation in cerebellar granule neurons. <i>Neurochemistry International</i> , 2008 , 52, 1148-59	4.4	39
34	Synaptic terminals from mice midbrain exhibit functional P2X7 receptor. <i>Neuroscience</i> , 2008 , 151, 361-73,9	3.9	32
33	Chronic caffeine or theophylline intake during pregnancy inhibits A1 receptor function in the rat brain. <i>Neuroscience</i> , 2005 , 131, 481-9	3.9	29
32	Maternal caffeine intake during gestation and lactation down-regulates adenosine A1 receptor in rat brain from mothers and neonates. <i>Journal of Neuroscience Research</i> , 2010 , 88, 1252-61	4.4	27
31	Age-related expression of adenosine receptors in brain from the senescence-accelerated mouse. <i>Experimental Gerontology</i> , 2009 , 44, 453-61	4.5	25
30	Modulation of adenosine A1 and A2A receptors in C6 glioma cells during hypoxia: involvement of endogenous adenosine. <i>Journal of Neurochemistry</i> , 2008 , 105, 2315-29	6	24
29	Effect of chronic gestational treatment with caffeine or theophylline on Group I metabotropic glutamate receptors in maternal and fetal brain. <i>Journal of Neurochemistry</i> , 2005 , 94, 440-51	6	21
28	Hyperthermia-induced seizures alter adenosine A1 and A2A receptors and 5Znucleotidase activity in rat cerebral cortex. <i>Journal of Neurochemistry</i> , 2015 , 134, 395-404	6	19
27	Down-regulation of rat brain adenosine A1 receptors at the end of pregnancy. <i>Journal of Neurochemistry</i> , 2004 , 88, 993-1002	6	17
26	Adenosine A1 receptor agonist treatment up-regulates rat brain metabotropic glutamate receptors. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002 , 1593, 69-75	4.9	17
25	Chronic intake of caffeine during gestation down regulates metabotropic glutamate receptors in maternal and fetal rat heart. <i>Amino Acids</i> , 2006 , 30, 257-66	3.5	16
24	Early-life hyperthermic seizures upregulate adenosine A receptors in the cortex and promote depressive-like behavior in adult rats. <i>Epilepsy and Behavior</i> , 2018 , 86, 173-178	3.2	12
23	Reduced expression and desensitization of adenosine A1 receptor/adenylyl cyclase pathway after chronic (-)N6-phenylisopropyladenosine intake during pregnancy. <i>Neuroscience</i> , 2009 , 163, 524-32	3.9	12
22	Functional Cross-Talk between Adenosine and Metabotropic Glutamate Receptors. <i>Current Neuropharmacology</i> , 2019 , 17, 422-437	7.6	12

21	Desensitization of adenosine A(1) receptors in rat immature cortical neurons. <i>European Journal of Pharmacology</i> , 2011 , 670, 365-71	5.3	11
20	Axodendritic fibres of mouse cerebellar granule neurons exhibit a diversity of functional P2X receptors. <i>Neurochemistry International</i> , 2009 , 55, 671-82	4.4	10
19	Different modulation of inhibitory and stimulatory pathways mediated by adenosine after chronic in vivo agonist exposure. <i>Brain Research</i> , 2005 , 1031, 211-21	3.7	10
18	Metabotropic glutamate receptor/phospholipase C system in female rat heart. <i>Brain Research</i> , 2007 , 1153, 1-11	3.7	8
17	Effect of chronic glutamate administration to pregnant rats during gestation on metabotropic glutamate receptors from mothers and full-term fetuses brain. <i>Amino Acids</i> , 2005 , 28, 127-37	3.5	8
16	Cerebellar oxidative stress and fine motor impairment in adolescent rats exposed to hyperthermia-induced seizures is prevented by maternal caffeine intake during gestation and lactation. <i>European Journal of Pharmacology</i> , 2018 , 822, 186-198	5.3	7
15	Maternal glutamate intake during gestation and lactation regulates adenosine A ₁ and A _{2A} receptors in rat brain from mothers and neonates. <i>Neuroscience</i> , 2011 , 199, 133-42	3.9	7
14	Glutamate differently modulates metabotropic glutamate receptors in neuronal and glial cells. <i>Neurochemical Research</i> , 2010 , 35, 1050-63	4.6	7
13	P2X agonist BzATP interferes with amplex-red-coupled fluorescence assays. <i>Analytical Biochemistry</i> , 2007 , 367, 140-2	3.1	7
12	Glutamate differently modulates excitatory and inhibitory adenosine receptors in neuronal and glial cells. <i>Neurochemistry International</i> , 2010 , 57, 33-42	4.4	6
11	Effect of glutamate intake during gestation on adenosine A(1) receptor/adenylyl cyclase pathway in both maternal and fetal rat brain. <i>Journal of Neurochemistry</i> , 2008 , 104, 435-45	6	5
10	Effect of chronic gestational treatment with the adenosine A ₁ receptor agonist R-phenylisopropyladenosine on metabotropic glutamate receptors/phospholipase C pathway in maternal and fetal brain. <i>Journal of Neuroscience Research</i> , 2008 , 86, 3295-305	4.4	5
9	Metabotropic glutamate receptor/phospholipase C pathway is increased in rat brain at the end of pregnancy. <i>Neurochemistry International</i> , 2007 , 50, 681-8	4.4	5
8	Modulation of adenosine receptors by [60]fullerene hydrosoluble derivative in SK-N-MC cells. <i>ACS Chemical Neuroscience</i> , 2011 , 2, 363-9	5.7	4
7	Chronic oral administration of MPEP, an antagonist of mGlu receptor, during gestation and lactation alters mGlu and A receptors in maternal and neonatal brain. <i>Neuroscience</i> , 2017 , 344, 187-203	3.9	3
6	2-Methyl-6-(phenylethynyl)pyridine Hydrochloride Modulates Metabotropic Glutamate 5 Receptors Endogenously Expressed in Zebrafish Brain. <i>ACS Chemical Neuroscience</i> , 2016 , 7, 1690-1697	5.7	2
5	Hyperthermia-induced seizures produce long-term effects on the functionality of adenosine A receptor in rat cerebral cortex. <i>International Journal of Developmental Neuroscience</i> , 2020 , 80, 1-12	2.7	2
4	Gender-specific desensitization of group I metabotropic glutamate receptors after maternal l-glutamate intake during lactation. <i>International Journal of Developmental Neuroscience</i> , 2018 , 68, 10-16	2.7	1

- 3 Glutamatergic System is Affected in Brain from an Hyperthermia-Induced Seizures Rat Model. *Cellular and Molecular Neurobiology*, **2021**, 1 4.6 1
- 2 Hyperthermia-induced seizures during neonatal period alter the functionality of A and A receptors in the cerebellum and evoke fine motor impairment and gait disturbances in adult rats. *Physiology and Behavior*, **2021**, 240, 113543 3.5 0
- 1 Oxidative stress in epileptogenesis: Febrile seizures, chemoconvulsant pilocarpine, and electrical stimulation **2020**, 81-94