

David Agustín Leñ Navarro

List of Publications by Year in descending order

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39
papers

659
citations

516561

16
h-index

610775

24
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39
all docs

39
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39
times ranked

697
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 625-634.	2.1	64
2	Dinucleoside polyphosphates and their interaction with other nucleotide signaling pathways. <i>Pflügers Archiv European Journal of Physiology</i> , 2006, 452, 563-572.	1.3	50
3	Glutamate release and synapsin-I phosphorylation induced by P2X7 receptors activation in cerebellar granule neurons. <i>Neurochemistry International</i> , 2008, 52, 1148-1159.	1.9	45
4	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.	1.2	43
5	Age-related expression of adenosine receptors in brain from the senescence-accelerated mouse. <i>Experimental Gerontology</i> , 2009, 44, 453-461.	1.2	36
6	Synaptic terminals from mice midbrain exhibit functional P2X7 receptor. <i>Neuroscience</i> , 2008, 151, 361-373.	1.1	34
7	Maternal caffeine intake during gestation and lactation down-regulates adenosine A ₁ receptor in rat brain from mothers and neonates. <i>Journal of Neuroscience Research</i> , 2010, 88, 1252-1261.	1.3	32
8	Chronic caffeine or theophylline intake during pregnancy inhibits A1 receptor function in the rat brain. <i>Neuroscience</i> , 2005, 131, 481-489.	1.1	30
9	Modulation of adenosine A ₁ and A _{2A} receptors in C6 glioma cells during hypoxia: involvement of endogenous adenosine. <i>Journal of Neurochemistry</i> , 2008, 105, 2315-2329.	2.1	28
10	Hyperthermia-induced seizures alter adenosine A ₁ and A _{2A} receptors and 5'-nucleotidase activity in rat cerebral cortex. <i>Journal of Neurochemistry</i> , 2015, 134, 395-404.	2.1	26
11	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, 440-451.	2.1	22
12	Early-life hyperthermic seizures upregulate adenosine A _{2A} receptors in the cortex and promote depressive-like behavior in adult rats. <i>Epilepsy and Behavior</i> , 2018, 86, 173-178.	0.9	20
13	Down-regulation of rat brain adenosine A ₁ receptors at the end of pregnancy. <i>Journal of Neurochemistry</i> , 2004, 88, 993-1002.	2.1	18
14	Chronic intake of caffeine during gestation down regulates metabotropic glutamate receptors in maternal and fetal rat heart. <i>Amino Acids</i> , 2006, 30, 257-266.	1.2	18
15	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.	1.9	17
16	Functional Cross-Talk between Adenosine and Metabotropic Glutamate Receptors. <i>Current Neuropharmacology</i> , 2019, 17, 422-437.	1.4	16
17	Desensitization of adenosine A1 receptors in rat immature cortical neurons. <i>European Journal of Pharmacology</i> , 2011, 670, 365-371.	1.7	13
18	Reduced expression and desensitization of adenosine A1 receptor/adenylyl cyclase pathway after chronic (R)-N6-phenylisopropyladenosine intake during pregnancy. <i>Neuroscience</i> , 2009, 163, 524-532.	1.1	12

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19	Axodendritic fibres of mouse cerebellar granule neurons exhibit a diversity of functional P2X receptors. <i>Neurochemistry International</i> , 2009, 55, 671-682.	1.9	12
20	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.	1.7	12
21	Different modulation of inhibitory and stimulatory pathways mediated by adenosine after chronic in vivo agonist exposure. <i>Brain Research</i> , 2005, 1031, 211-221.	1.1	10
22	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, 127-137.	1.2	9
23	Metabotropic glutamate receptor/phospholipase C system in female rat heart. <i>Brain Research</i> , 2007, 1153, 1-11.	1.1	9
24	Glutamate Differently Modulates Metabotropic Glutamate Receptors in Neuronal and Glial Cells. <i>Neurochemical Research</i> , 2010, 35, 1050-1063.	1.6	9
25	Early Effects of the Soluble Amyloid β 25-35 Peptide in Rat Cortical Neurons: Modulation of Signal Transduction Mediated by Adenosine and Group I Metabotropic Glutamate Receptors. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6577.	1.8	9
26	Maternal glutamate intake during gestation and lactation regulates adenosine A1 and A2A receptors in rat brain from mothers and neonates. <i>Neuroscience</i> , 2011, 199, 133-142.	1.1	8
27	P2X agonist BzATP interferes with amplex-red-coupled fluorescence assays. <i>Analytical Biochemistry</i> , 2007, 367, 140-142.	1.1	7
28	Effect of glutamate intake during gestation on adenosine A1 receptor/adenylyl cyclase pathway in both maternal and fetal rat brain. <i>Journal of Neurochemistry</i> , 2007, 104, 071024001518003-???	2.1	7
29	Glutamate differently modulates excitatory and inhibitory adenosine receptors in neuronal and glial cells. <i>Neurochemistry International</i> , 2010, 57, 33-42.	1.9	7
30	Metabotropic glutamate receptor/phospholipase C pathway is increased in rat brain at the end of pregnancy. <i>Neurochemistry International</i> , 2007, 50, 681-688.	1.9	6
31	Modulation of Adenosine Receptors by [60]Fullerene Hydrosoluble Derivative in SK-N-MC Cells. <i>ACS Chemical Neuroscience</i> , 2011, 2, 363-369.	1.7	6
32	Glutamatergic System is Affected in Brain from an Hyperthermia-Induced Seizures Rat Model. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 1501-1512.	1.7	6
33	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, 3295-3305.	1.3	5
34	Chronic oral administration of MPEP, an antagonist of mGlu5 receptor, during gestation and lactation alters mGlu5 and A2A receptors in maternal and neonatal brain. <i>Neuroscience</i> , 2017, 344, 187-203.	1.1	3
35	Gender-specific desensitization of group I metabotropic glutamate receptors after maternal I β -glutamate intake during lactation. <i>International Journal of Developmental Neuroscience</i> , 2018, 68, 10-16.	0.7	3
36	Hyperthermia-induced seizures produce long-term effects on the functionality of adenosine A ₁ receptor in rat cerebral cortex. <i>International Journal of Developmental Neuroscience</i> , 2020, 80, 1-12.	0.7	3

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37	2-Methyl-6-(phenylethynyl)pyridine Hydrochloride Modulates Metabotropic Glutamate 5 Receptors Endogenously Expressed in Zebrafish Brain. ACS Chemical Neuroscience, 2016, 7, 1690-1697.	1.7	2
38	Oxidative stress in epileptogenesis: Febrile seizures, chemoconvulsant pilocarpine, and electrical stimulation. , 2020, , 81-94.		1
39	Hyperthermia-induced seizures during neonatal period alter the functionality of A1 and A2A receptors in the cerebellum and evoke fine motor impairment and gait disturbances in adult rats. Physiology and Behavior, 2021, 240, 113543.	1.0	1