David AgustÃ-n LeÃ³n Navarro

List of Publications by Year
in descending order

39 papers	659 citations	516561 16 h-index	610775 24 g-index
39 all docs	39 docs citations	39 times ranked	697 citing authors

#	Article	IF	Citations
1	Glutamatergic System is Affected in Brain from an Hyperthermia-Induced Seizures Rat Model. Cellular and Molecular Neurobiology, 2022, 42, 1501-1512.	1.7	6
2	Early Effects of the Soluble Amyloid Î²25-35 Peptide in Rat Cortical Neurons: Modulation of Signal Transduction Mediated by Adenosine and Group I Metabotropic Glutamate Receptors. International Journal of Molecular Sciences, 2021, 22, 6577.	1.8	9
3	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
4	Hyperthermiaâ€induced seizures produce longâ€term effects on the functionality of adenosine A₁ receptor in rat cerebral cortex. International Journal of Developmental Neuroscience, 2020, 80, 1-12.	0.7	3
5	Oxidative stress in epileptogenesis: Febrile seizures, chemoconvulsant pilocarpine, and electrical stimulation. , 2020, , 81-94.		1
6	Functional Cross-Talk between Adenosine and Metabotropic Glutamate Receptors. Current Neuropharmacology, 2019, 17, 422-437.	1.4	16
7	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. European Journal of Pharmacology, 2018, 822, 186-198.	1.7	12
8	Genderâ€specific desensitization of group I metabotropic glutamate receptors after maternal l â€glutamate intake during lactation. International Journal of Developmental Neuroscience, 2018, 68, 10-16.	0.7	3
9	Early-life hyperthermic seizures upregulate adenosine A2A receptors in the cortex and promote depressive-like behavior in adult rats. Epilepsy and Behavior, 2018, 86, 173-178.	0.9	20
10	Chronic oral administration of MPEP, an antagonist of mGlu5 receptor, during gestation and lactation alters mGlu5 and A2A receptors in maternal and neonatal brain. Neuroscience, 2017, 344, 187-203.	1.1	3
11	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
12	Hyperthermiaâ€induced seizures alter adenosine A₁ and A_{2A} receptors and 5â€²â€nucleotidase activity in rat cerebral cortex. Journal of Neurochemistry, 2015, 134, 395-404.	2.1	26
13	Modulation of Adenosine Receptors by [60]Fullerene Hydrosoluble Derivative in SK-N-MC Cells. ACS Chemical Neuroscience, 2011, 2, 363-369.	1.7	6
14	Maternal glutamate intake during gestation and lactation regulates adenosine A1 and A2A receptors in rat brain from mothers and neonates. Neuroscience, 2011, 199, 133-142.	1.1	8
15	Desensitization of adenosine A1 receptors in rat immature cortical neurons. European Journal of Pharmacology, 2011, 670, 365-371.	1.7	13
16	Glutamate Differently Modulates Metabotropic Glutamate Receptors in Neuronal and Glial Cells. Neurochemical Research, 2010, 35, 1050-1063.	1.6	9
17	Maternal caffeine intake during gestation and lactation downâ€regulates adenosine A₁ receptor in rat brain from mothers and neonates. Journal of Neuroscience Research, 2010, 88, 1252-1261.	1.3	32
18	Glutamate differently modulates excitatory and inhibitory adenosine receptors in neuronal and glial cells. Neurochemistry International, 2010, 57, 33-42.	1.9	7

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19	Age-related expression of adenosine receptors in brain from the senescence-accelerated mouse. Experimental Gerontology, 2009, 44, 453-461.	1.2	36
20	Reduced expression and desensitization of adenosine A1 receptor/adenylyl cyclase pathway after chronic (â˜')N6-phenylisopropyladenosine intake during pregnancy. Neuroscience, 2009, 163, 524-532.	1.1	12
21	Axodendritic fibres of mouse cerebellar granule neurons exhibit a diversity of functional P2X receptors. Neurochemistry International, 2009, 55, 671-682.	1.9	12
22	Effect of chronic gestational treatment with the adenosine A₁ receptor agonist Râ€•phenylisopropyladenosine on metabotropic glutamate receptors/phospholipase C pathway in maternal and fetal brain. Journal of Neuroscience Research, 2008, 86, 3295-3305.	1.3	5
23	Modulation of adenosine A₁ and A_{2A} receptors in C6 glioma cells during hypoxia: involvement of endogenous adenosine. Journal of Neurochemistry, 2008, 105, 2315-2329.	2.1	28
24	Glutamate release and synapsin-I phosphorylation induced by P2X7 receptors activation in cerebellar granule neurons. Neurochemistry International, 2008, 52, 1148-1159.	1.9	45
25	Synaptic terminals from mice midbrain exhibit functional P2X7 receptor. Neuroscience, 2008, 151, 361-373.	1.1	34
26	Metabotropic glutamate receptor/phospholipase C pathway is increased in rat brain at the end of pregnancy. Neurochemistry International, 2007, 50, 681-688.	1.9	6
27	P2X agonist BzATP interferes with amplex-red-coupled fluorescence assays. Analytical Biochemistry, 2007, 367, 140-142.	1.1	7
28	Effect of glutamate intake during gestation on adenosine A1receptor/adenylyl cyclase pathway in both maternal and fetal rat brain. Journal of Neurochemistry, 2007, 104, 071024001518003-???.	2.1	7
29	Metabotropic glutamate receptor/phospholipase C system in female rat heart. Brain Research, 2007, 1153, 1-11.	1.1	9
30	P2Y1and P2X7receptors induce calcium/calmodulin-dependent protein kinase II phosphorylation in cerebellar granule neurons. European Journal of Neuroscience, 2006, 23, 2999-3013.	1.2	43
31	Chronic intake of caffeine during gestation down regulates metabotropic glutamate receptors in maternal and fetal rat heart. Amino Acids, 2006, 30, 257-266.	1.2	18
32	Dinucleoside polyphosphates and their interaction with other nucleotide signaling pathways. Pflugers Archiv European Journal of Physiology, 2006, 452, 563-572.	1.3	50
33	Effect of chronic gestational treatment with caffeine or theophylline on Group I metabotropic glutamate receptors in maternal and fetal brain. Journal of Neurochemistry, 2005, 94, 440-451.	2.1	22
34	Different modulation of inhibitory and stimulatory pathways mediated by adenosine after chronic in vivo agonist exposure. Brain Research, 2005, 1031, 211-221.	1.1	10
35	Effect of chronic glutamate administration to pregnant rats during gestation on metabotropic glutamate receptors from mothers and full-term fetuses brain. Amino Acids, 2005, 28, 127-137.	1.2	9
36	Chronic caffeine or theophylline intake during pregnancy inhibits A1 receptor function in the rat brain. Neuroscience, 2005, 131, 481-489.	1.1	30

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37	Downâ€regulation of rat brain adenosine A₁ receptors at the end of pregnancy. Journal of Neurochemistry, 2004, 88, 993-1002.	2.1	18
38	Adenosine A1 receptor agonist treatment up-regulates rat brain metabotropic glutamate receptors. Biochimica Et Biophysica Acta - Molecular Cell Research, 2002, 1593, 69-75.	1.9	17
39	Adenosine A1 receptor down-regulation in mothers and fetal brain after caffeine and theophylline treatments to pregnant rats. Journal of Neurochemistry, 2002, 82, 625-634.	2.1	64