Javier Gualix

List of Publications by Year in descending order

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46 papers	1,364 citations	304743 22 h-index	361022 35 g-index
46 all docs	46 docs citations	46 times ranked	1216 citing authors

#	Article	IF	Citations
1	Geoffrey Burnstock, our friend and magister: the diadenosine polyphosphate connection. Purinergic Signalling, 2021, 17, 79-84.	2.2	2
2	P2X7 receptors in the central nervous system. Biochemical Pharmacology, 2021, 187, 114472.	4.4	14
3	Live Imaging Reveals Cerebellar Neural Stem Cell Dynamics and the Role of VNUT in Lineage Progression. Stem Cell Reports, 2020, 15, 1080-1094.	4.8	3
4	Intracellular Calcium Recording After Purinoceptor Activation Using a Video-Microscopy Equipment. Methods in Molecular Biology, 2020, 2041, 311-321.	0.9	1
5	Physiopathological Role of the Vesicular Nucleotide Transporter (VNUT) in the Central Nervous System: Relevance of the Vesicular Nucleotide Release as a Potential Therapeutic Target. Frontiers in Cellular Neuroscience, 2019, 13, 224.	3.7	23
6	P2 receptor interaction and signalling cascades in neuroprotection. Brain Research Bulletin, 2019, 151, 74-83.	3.0	31
7	Overexpression of P2X3 and P2X7 Receptors and TRPV1 Channels in Adrenomedullary Chromaffin Cells in a Rat Model of Neuropathic Pain. International Journal of Molecular Sciences, 2019, 20, 155.	4.1	32
8	Increased Ap4A levels and ecto-nucleotidase activity in glaucomatous mice retina. Purinergic Signalling, 2018, 14, 259-270.	2.2	3
9	An Update on P2Y13 Receptor Signalling and Function. Advances in Experimental Medicine and Biology, 2017, 1051, 139-168.	1.6	25
10	Live Imaging Followed by Single Cell Tracking to Monitor Cell Biology and the Lineage Progression of Multiple Neural Populations. Journal of Visualized Experiments, 2017, , .	0.3	8
11	Specific Temporal Distribution and Subcellular Localization of a Functional Vesicular Nucleotide Transporter (VNUT) in Cerebellar Granule Neurons. Frontiers in Pharmacology, 2017, 8, 951.	3.5	17
12	Nucleotides in neuroregeneration and neuroprotection. Neuropharmacology, 2016, 104, 243-254.	4.1	58
13	Role of P2X7 and P2Y2 receptors on Î±-secretase-dependent APP processing: Control of amyloid plaques formation â€œin vivoâ€•by P2X7 receptor. Computational and Structural Biotechnology Journal, 2015, 13, 176-181.	4.1	27
14	Ectonucleotide pyrophosphatase/phosphodiesterase activity in Neuroâ€2a neuroblastoma cells: changes in expression associated with neuronal differentiation. Journal of Neurochemistry, 2014, 131, 290-302.	3.9	15
15	Presence of diadenosine polyphosphates in microdialysis samples from rat cerebellum in vivo: effect of mild hyperammonemia on their receptors. Purinergic Signalling, 2014, 10, 349-356.	2.2	6
16	In vivo P2X7 inhibition reduces amyloid plaques in Alzheimer's disease through GSK3Î² and secretases. Neurobiology of Aging, 2012, 33, 1816-1828.	3.1	163
17	Effect of diinosine polyphosphates on intraocular pressure in normotensive rabbits. Experimental Eye Research, 2012, 101, 49-55.	2.6	7
18	Opposite effects of P2X7 and P2Y₂nucleotide receptors on Î±-secretase-dependent APP processing in Neuro-2a cells. FEBS Letters, 2011, 585, 2255-2262.	2.8	55

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19	Axodendritic fibres of mouse cerebellar granule neurons exhibit a diversity of functional P2X receptors. Neurochemistry International, 2009, 55, 671-682.	3.8	12
20	Single GABAergic synaptic terminals from rat midbrain exhibit functional P2X and dinucleotide receptors, able to induce GABA secretion. Journal of Neurochemistry, 2008, 77, 84-93.	3.9	1
21	Dinucleoside polyphosphates and their interaction with other nucleotide signaling pathways. Pflugers Archiv European Journal of Physiology, 2006, 452, 563-572.	2.8	50
22	GABA Modulates Presynaptic Signalling Mediated by Dinucleotides on Rat Synaptic Terminals. Journal of Pharmacology and Experimental Therapeutics, 2004, 308, 1148-1157.	2.5	12
23	P2X7 receptors in rat brain: presence in synaptic terminals and granule cells. Neurochemical Research, 2003, 28, 1597-1605.	3.3	94
24	Ca 2+ Signalling in Brain Synaptosomes Activated by Dinucleotides. Journal of Membrane Biology, 2003, 194, 1-10.	2.1	15
25	Presence of functional ATP and dinucleotide receptors in glutamatergic synaptic terminals from rat midbrain. Journal of Neurochemistry, 2003, 87, 160-171.	3.9	29
26	GABAB receptor-mediated presynaptic potentiation of ATP ionotropic receptors in rat midbrain synaptosomes. Neuropharmacology, 2003, 44, 311-323.	4.1	23
27	Characterization of Nucleotide Transport into Rat Brain Synaptic Vesicles. Journal of Neurochemistry, 2001, 73, 1098-1104.	3.9	44
28	Nucleoside transporter and nucleotide vesicular transporter: Two examples of mnemonic regulation. Drug Development Research, 2001, 52, 11-21.	2.9	2
29	Presynaptic diadenosine polyphosphate receptors: Interaction with other neurotransmitter systems. Drug Development Research, 2001, 52, 239-248.	2.9	2
30	Cardiac effects of diinosine tetraphosphate, a putative dinucleotide receptor antagonist. Drug Development Research, 2001, 52, 500-503.	2.9	1
31	Single GABAergic synaptic terminals from rat midbrain exhibit functional P2X and dinucleotide receptors, able to induce GABA secretion. Journal of Neurochemistry, 2001, 77, 84-93.	3.9	50
32	Diadenosine polyphosphate receptors. , 2000, 87, 103-115.		83
33	Adenosine 5â€²-tetraphosphate (Ap4), a new agonist on rat midbrain synaptic terminal P2 receptors. Neuropharmacology, 2000, 39, 2381-2390.	4.1	22
34	Presynaptic signalling mediated by mono- and dinucleotides in the central nervous system. Journal of the Autonomic Nervous System, 2000, 81, 195-199.	1.9	9
35	Chapter 32 Diadenosine polyphosphates, extracellular function and catabolism. Progress in Brain Research, 1999, 120, 397-409.	1.4	41
36	Diinosine pentaphosphate (IP5 I) is a potent antagonist at recombinant rat P2X1 receptors. British Journal of Pharmacology, 1999, 128, 981-988.	5.4	91

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37	Presence of dinucleotide and ATP receptors in human cerebrocortical synaptic terminals. European Journal of Pharmacology, 1999, 366, 159-165.	3.5	21
38	The neurotransmitter role of diadenosine polyphosphates. FEBS Letters, 1998, 430, 78-82.	2.8	65
39	Antagonism of P2X receptors in guinea-pig vas deferens by diinosine pentaphosphate. European Journal of Pharmacology, 1997, 333, R1-R2.	3.5	23
40	Characterization of diadenosine polyphosphate transport into chromaffin granules from adrenal medulla. FASEB Journal, 1997, 11, 981-990.	0.5	24
41	Diinosine Polyphosphates, a Group of Dinucleotides with Antagonistic Effects on Diadenosine Polyphosphate Receptor. Molecular Pharmacology, 1997, 51, 277-284.	2.3	50
42	Diadenosine polyphosphates evoke Ca2+transients in guinea-pig brain via receptors distinct from those for ATP. Journal of Physiology, 1997, 504, 327-335.	2.9	26
43	Diadenosine polyphosphates in the central nervous system. Neuroscience Research Communications, 1997, 20, 69-78.	0.2	18
44	Dinucleotide Receptor Modulation by Protein Kinases (Protein Kinases A and C) and Protein Phosphatases in Rat Brain Synaptic Terminals. Journal of Neurochemistry, 1997, 68, 2552-2557.	3.9	23
45	Presence of Îµ-adenosine tetraphosphate in chromaffin granules after transport of Îµ-ATP. FEBS Letters, 1996, 391, 195-198.	2.8	15
46	Nucleotide Vesicular Transporter of Bovine Chromaffin Granules. Journal of Biological Chemistry, 1996, 271, 1957-1965.	3.4	28