

Alberto Luis Perez Samartin

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

3,311
citations

257450

24
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377865

34
g-index

39
all docs

39
docs citations

39
times ranked

4757
citing authors

#	ARTICLE	IF	CITATIONS
1	Oligodendroglial NMDA Receptors Regulate Glucose Import and Axonal Energy Metabolism. <i>Neuron</i> , 2016, 91, 119-132.	8.1	381
2	P2X ₇ Receptor Blockade Prevents ATP Excitotoxicity in Oligodendrocytes and Ameliorates Experimental Autoimmune Encephalomyelitis. <i>Journal of Neuroscience</i> , 2007, 27, 9525-9533.	3.6	356
3	The link between excitotoxic oligodendroglial death and demyelinating diseases. <i>Trends in Neurosciences</i> , 2001, 24, 224-230.	8.6	320
4	Amyloid β oligomers induce Ca ²⁺ dysregulation and neuronal death through activation of ionotropic glutamate receptors. <i>Cell Calcium</i> , 2010, 47, 264-272.	2.4	318
5	Excitotoxic damage to white matter. <i>Journal of Anatomy</i> , 2007, 210, 693-702.	1.5	216
6	Targeting the endocannabinoid system in the treatment of fragile X syndrome. <i>Nature Medicine</i> , 2013, 19, 603-607.	30.7	203
7	P2X7 receptors mediate ischemic damage to oligodendrocytes. <i>Glia</i> , 2010, 58, 730-740.	4.9	191
8	P2X7 receptor blockade prevents ATP excitotoxicity in neurons and reduces brain damage after ischemia. <i>Neurobiology of Disease</i> , 2012, 45, 954-961.	4.4	165
9	Neuronal Hyperactivity Disturbs ATP Microgradients, Impairs Microglial Motility, and Reduces Phagocytic Receptor Expression Triggering Apoptosis/Microglial Phagocytosis Uncoupling. <i>PLoS Biology</i> , 2016, 14, e1002466.	5.6	140
10	Excitotoxic oligodendrocyte death and axonal damage induced by glutamate transporter inhibition. <i>Glia</i> , 2005, 52, 36-46.	4.9	104
11	Extrasynaptic glutamate release through cystine/glutamate antiporter contributes to ischemic damage. <i>Journal of Clinical Investigation</i> , 2014, 124, 3645-3655.	8.2	98
12	The expression of glutamate transporter GLT-1 in the rat cerebral cortex is down-regulated by the antipsychotic drug clozapine. <i>Molecular Psychiatry</i> , 2001, 6, 380-386.	7.9	93
13	Activation of Kainate Receptors Sensitizes Oligodendrocytes to Complement Attack. <i>Journal of Neuroscience</i> , 2006, 26, 3220-3228.	3.6	87
14	Protecting White Matter From Stroke Injury. <i>Stroke</i> , 2013, 44, 1204-1211.	2.0	83
15	Blockade of monoacylglycerol lipase inhibits oligodendrocyte excitotoxicity and prevents demyelination <i>in vivo</i> . <i>Glia</i> , 2015, 63, 163-176.	4.9	74
16	ATP Signaling in Brain: Release, Excitotoxicity and Potential Therapeutic Targets. <i>Cellular and Molecular Neurobiology</i> , 2015, 35, 1-6.	3.3	72
17	Contribution of Pannexin1 to Experimental Autoimmune Encephalomyelitis. <i>PLoS ONE</i> , 2013, 8, e66657.	2.5	59
18	Blockade of P2X7 Receptors or Pannexin-1 Channels Similarly Attenuates Postischemic Damage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015, 35, 843-850.	4.3	55

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19	Dual-specific Phosphatase-6 (Dusp6) and ERK Mediate AMPA Receptor-induced Oligodendrocyte Death. <i>Journal of Biological Chemistry</i> , 2011, 286, 11825-11836.	3.4	46
20	Axon-to-Glia Interaction Regulates GABA _A Receptor Expression in Oligodendrocytes. <i>Molecular Pharmacology</i> , 2016, 89, 63-74.	2.3	43
21	A ₃ Adenosine receptors mediate oligodendrocyte death and ischemic damage to optic nerve. <i>Glia</i> , 2014, 62, 199-216.	4.9	41
22	GLT ₁ expression and Glu uptake in rat cerebral cortex are increased by phencyclidine. <i>Glia</i> , 2008, 56, 1320-1327.	4.9	29
23	Global Self-Organization of the Cellular Metabolic Structure. <i>PLoS ONE</i> , 2008, 3, e3100.	2.5	27
24	Long-Range Correlations in Rabbit Brain Neural Activity. <i>Annals of Biomedical Engineering</i> , 2006, 34, 295-299.	2.5	21
25	Global Self-Regulation of the Cellular Metabolic Structure. <i>PLoS ONE</i> , 2010, 5, e9484.	2.5	21
26	Activation of volume-regulated Cl ⁻ channels by ACh and ATP in <i>Xenopus</i> follicles. <i>Journal of Physiology</i> , 2000, 525, 721-734.	2.9	18
27	Excitotoxic insults to the optic nerve alter visual evoked potentials. <i>Neuroscience</i> , 2004, 123, 441-449.	2.3	8
28	An easy method for impaling cells using the micromanipulation technique. <i>Journal of Neuroscience Methods</i> , 1990, 32, 149-153.	2.5	2
29	Las sendas del Qi. <i>Revista Internacional De Acupuntura</i> , 2013, 7, 16-18.	0.1	1
30	Café y acupuntura. <i>Revista Internacional De Acupuntura</i> , 2014, 8, 101-104.	0.1	1
31	Imagen por resonancia magnética funcional y acupuntura. <i>Revista Internacional De Acupuntura</i> , 2013, 7, 119-123.	0.1	0
32	E 36 (Zusanli) - punto maestro de la inmunidad. <i>Revista Internacional De Acupuntura</i> , 2015, 9, 41-43.	0.1	0