

Paula P Gonçalves

List of Publications by Year in descending order

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39
papers

668
citations

430874

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25
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39
all docs

39
docs citations

39
times ranked

660
citing authors

#	ARTICLE	IF	CITATIONS
1	Does neurotransmission impairment accompany aluminium neurotoxicity?. Journal of Inorganic Biochemistry, 2007, 101, 1291-1338.	3.5	45
2	Aluminum accumulation and membrane fluidity alteration in synaptosomes isolated from rat brain cortex following aluminum ingestion: effect of cholesterol. Neuroscience Research, 2002, 44, 181-193.	1.9	42
3	Effect of Chronic Exposure to Aluminium on Isoform Expression and Activity of Rat (Na ⁺ /K ⁺)ATPase. Toxicological Sciences, 2005, 88, 485-494.	3.1	39
4	Aluminium-induced impairment of Ca ²⁺ modulatory action on GABA transport in brain cortex nerve terminals. Journal of Inorganic Biochemistry, 2003, 97, 132-142.	3.5	35
5	Integrated biomimetic carbon nanotube composites for in vivo systems. Nanoscale, 2010, 2, 2855.	5.6	35
6	cAMP-Mediated Stabilization of Fusion Pores in Cultured Rat Pituitary Lactotrophs. Journal of Neuroscience, 2013, 33, 8068-8078.	3.6	33
7	Ca ²⁺ -H ⁺ antiport activity in synaptic vesicles isolated from sheep brain cortex. Neuroscience Letters, 1998, 247, 87-90.	2.1	29
8	Comparative effects of aluminum and ouabain on synaptosomal choline uptake, acetylcholine release and (Na ⁺ /K ⁺)ATPase. Toxicology, 2007, 236, 158-177.	4.2	28
9	Synaptic vesicle Ca ²⁺ /H ⁺ antiport: dependence on the proton electrochemical gradient. Molecular Brain Research, 1999, 71, 178-184.	2.3	27
10	Ionic selectivity of the Ca ²⁺ /H ⁺ antiport in synaptic vesicles of sheep brain cortex. Molecular Brain Research, 1999, 67, 283-291.	2.3	26
11	The inhibitory effect of aluminium on the (Na ⁺ /K ⁺)ATPase activity of rat brain cortex synaptosomes. Journal of Inorganic Biochemistry, 2003, 97, 143-150.	3.5	26
12	Exocytosis, Endocytosis, and Vesicular Ca ²⁺ /H ⁺ Antiport in Rapid Neurotransmission. Annals of the New York Academy of Sciences, 2009, 1152, 100-112.	3.8	24
13	Distinction between Ca ²⁺ pump and Ca ²⁺ /H ⁺ antiport activities in synaptic vesicles of sheep brain cortex. Neurochemistry International, 2000, 37, 387-396.	3.8	23
14	Release of [³ H]aminobutyric acid from synaptosomes: effect of external cations and of ouabain. Brain Research, 1991, 547, 135-139.	2.2	22
15	Differences in the expression pattern of HCN isoforms among mammalian tissues: sources and implications. Molecular Biology Reports, 2014, 41, 297-307.	2.3	22
16	Prolactin Secretion Sites Contain Syntaxin-1 and Differ from Ganglioside Monosialic Acid Rafts in Rat Lactotrophs. Endocrinology, 2008, 149, 4948-4957.	2.8	21
17	Compartmentation and release of exogenous GABA in sheep brain synaptosomes. Neurochemical Research, 1987, 12, 297-304.	3.3	20
18	Hyperpolarization-Activated Cyclic Nucleotide-Gated Channels and cAMP-Dependent Modulation of Exocytosis in Cultured Rat Lactotrophs. Journal of Neuroscience, 2014, 34, 15638-15647.	3.6	20

#	ARTICLE	IF	CITATIONS
19	Synaptic vesicles control the time course of neurotransmitter secretion via a Ca ²⁺ /H ⁺ antiport. <i>Journal of Physiology</i> , 2011, 589, 149-167.	2.9	15
20	Ca ²⁺ regulation of the carrier-mediated ³ H-aminobutyric acid release from isolated synaptic plasma membrane vesicles. <i>Neuroscience Research</i> , 2000, 38, 385-395.	1.9	12
21	Aluminium-induced changes of fusion pore properties attenuate prolactin secretion in rat pituitary lactotrophs. <i>Neuroscience</i> , 2012, 201, 57-66.	2.3	12
22	Regulation of the ³ H-aminobutyric acid transporter activity by protein phosphatases in synaptic plasma membranes. <i>Neuroscience Research</i> , 1999, 33, 41-47.	1.9	11
23	Effect of lysine acetylsalicylate on aluminium accumulation and (Na ⁺ /K ⁺)ATPase activity in rat brain cortex synaptosomes after aluminium ingestion. <i>Toxicology Letters</i> , 2015, 232, 167-174.	0.8	11
24	Ionic requirements for transport and release of [3H]GABA by synaptic plasma membrane vesicles. <i>Neurochemistry International</i> , 1990, 17, 401-413.	3.8	9
25	Regulation of [³ H]aminobutyric acid transport by Ca ²⁺ in isolated synaptic plasma membrane vesicles. <i>Molecular Brain Research</i> , 1997, 51, 106-114.	2.3	9
26	Methods for analysis of Ca ²⁺ /H ⁺ antiport activity in synaptic vesicles isolated from sheep brain cortex. <i>Brain Research Protocols</i> , 2000, 5, 102-108.	1.6	9
27	Effect of anions on the uptake and release of ³ H-aminobutyric acid by isolated synaptic plasma membranes. <i>Neurochemistry International</i> , 1994, 25, 483-492.	3.8	8
28	Ca ²⁺ sensitivity of synaptic vesicle dopamine, gamma-aminobutyric acid, and glutamate transport systems. <i>Neurochemical Research</i> , 2001, 26, 75-81.	3.3	8
29	Synaptotagmin 1 is required for vesicular Ca ²⁺ /H ⁺ antiport activity. <i>Journal of Neurochemistry</i> , 2013, 126, 37-46.	3.9	8
30	Alteration of aluminium inhibition of synaptosomal (Na ⁺ /K ⁺)ATPase by colestipol administration. <i>Journal of Inorganic Biochemistry</i> , 2013, 128, 208-214.	3.5	7
31	Peptide Hormone Release Monitored From Single Vesicles in <i>œ</i> Membrane Lawns <i>œ</i> of Differentiated Male Pituitary Cells: SNAREs and Fusion Pore Widening. <i>Endocrinology</i> , 2013, 154, 1235-1246.	2.8	7
32	Characterization of the carrier-mediated [3H]GABA release from isolated synaptic plasma membrane vesicles. <i>Neurochemical Research</i> , 1995, 20, 177-186.	3.3	5
33	Biotoxicity study of bone cement based on a functionalised multi-walled carbon nanotube-reinforced PMMA/HAp nanocomposite. <i>International Journal of Nano and Biomaterials</i> , 2009, 2, 442.	0.1	5
34	Dual role of K ⁺ and Na ⁺ on the transport of [3H]- ³ H-aminobutyric acid by synaptic plasma membrane vesicles. <i>Molecular Brain Research</i> , 1995, 32, 161-165.	2.3	4
35	Membrane potential manipulation in synaptic plasma membrane vesicles for studying neurotransmitter uptake and release. <i>Brain Research Protocols</i> , 1997, 1, 1-12.	1.6	3
36	Acetylcholine Release and Choline Uptake by Cuttlefish (<i>Sepia officinalis</i>) Optic Lobe Synaptosomes. <i>Biological Bulletin</i> , 2008, 214, 1-5.	1.8	3

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37	Life and death in aluminium-exposed cultures of rat lactotrophs studied by flow cytometry. <i>Cell Biology and Toxicology</i> , 2010, 26, 341-353.	5.3	3
38	Vesicular Calcium Transport Shapes Rapid Acetylcholine Secretion. <i>Journal of Molecular Neuroscience</i> , 2006, 30, 41-44.	2.3	1
39	Automated high-throughput screening of carbon nanotube-based bio-nanocomposites for bone cement applications. <i>Pure and Applied Chemistry</i> , 2011, 83, 2063-2069.	1.9	1