Pedro Brites

List of Publications by Year in descending order

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37 papers	2,121 citations	361413 20 h-index	361022 35 g-index
38 all docs	38 docs citations	38 times ranked	2504 citing authors

#	Article	IF	Citations
1	Functions and biosynthesis of plasmalogens in health and disease. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2004, 1636, 219-231.	2.4	329
2	Rhizomelic chondrodysplasia punctata is a peroxisomal protein targeting disease caused by a non-functional PTS2 receptor. Nature Genetics, 1997, 15, 377-380.	21.4	260
3	Identification of PEX7 as the Second Gene Involved in Refsum Disease. American Journal of Human Genetics, 2003, 72, 471-477.	6.2	151
4	Peroxisomes, lipid metabolism and lipotoxicity. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2010, 1801, 272-280.	2.4	135
5	Ataxia with loss of Purkinje cells in a mouse model for Refsum disease. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 17712-17717.	7.1	108
6	Alkyl-Glycerol Rescues Plasmalogen Levels and Pathology of Ether-Phospholipid Deficient Mice. PLoS ONE, 2011, 6, e28539.	2.5	104
7	Peripheral nervous system plasmalogens regulate Schwann cell differentiation and myelination. Journal of Clinical Investigation, 2014, 124, 2560-2570.	8.2	103
8	Impaired neuronal migration and endochondral ossification in Pex7 knockout mice: a model for rhizomelic chondrodysplasia punctata. Human Molecular Genetics, 2003, 12, 2255-2267.	2.9	97
9	The Actin-Binding Protein Î±-Adducin Is Required for Maintaining Axon Diameter. Cell Reports, 2016, 15, 490-498.	6.4	95
10	Mutational Spectrum in the PEX7 Gene and Functional Analysis of Mutant Alleles in 78 Patients with Rhizomelic Chondrodysplasia Punctata Type 1. American Journal of Human Genetics, 2002, 70, 612-624.	6.2	92
11	Plasmalogens participate in very-long-chain fatty acid-induced pathology. Brain, 2008, 132, 482-492.	7.6	89
12	The importance of ether-phospholipids: A view from the perspective of mouse models. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 1501-1508.	3.8	65
13	Plasmalogen phospholipids protect internodal myelin from oxidative damage. Free Radical Biology and Medicine, 2015, 84, 296-310.	2.9	65
14	Early axonal loss accompanied by impaired endocytosis, abnormal axonal transport, and decreased microtubule stability occur in the model of Krabbe's disease. Neurobiology of Disease, 2014, 66, 92-103.	4.4	55
15	A PEX7-Centered Perspective on the Peroxisomal Targeting Signal Type 2-Mediated Protein Import Pathway. Molecular and Cellular Biology, 2014, 34, 2917-2928.	2.3	34
16	Leukodystrophy caused by plasmalogen deficiency rescued by glyceryl 1â€myristyl ether treatment. Brain Pathology, 2019, 29, 622-639.	4.1	30
17	Profilin 1 delivery tunes cytoskeletal dynamics toward CNS axon regeneration. Journal of Clinical Investigation, 2020, 130, 2024-2040.	8.2	30
18	The Dyslexia-susceptibility Protein KIAA0319 Inhibits Axon Growth Through Smad2 Signaling. Cerebral Cortex, 2017, 27, 1732-1747.	2.9	29

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19	Mitochondrial disruption in peroxisome deficient cells is hepatocyte selective but is not mediated by common hepatic peroxisomal metabolites. Mitochondrion, 2018, 39, 51-59.	3.4	26
20	Plasmalogens and fatty alcohols in rhizomelic chondrodysplasia punctata and SjÃ¶grenâ€Łarsson syndrome. Journal of Inherited Metabolic Disease, 2015, 38, 111-121.	3.6	25
21	Poly(Trimethylene Carbonate-co-Îµ-Caprolactone) Promotes Axonal Growth. PLoS ONE, 2014, 9, e88593.	2.5	24
22	Myelin Lipids Inhibit Axon Regeneration Following Spinal Cord Injury: a Novel Perspective for Therapy. Molecular Neurobiology, 2016, 53, 1052-1064.	4.0	23
23	Biosynthesis of ether-phospholipids including plasmalogens, peroxisomes and human disease: new insights into an old problem. Clinical Lipidology, 2010, 5, 379-386.	0.4	21
24	Comparative profiling of the peroxisomal proteome of wildtype and Pex7 knockout mice by quantitative mass spectrometry. International Journal of Mass Spectrometry, 2012, 312, 30-40.	1.5	21
25	Advances and Pitfalls of Cell Therapy in Metabolic Leukodystrophies. Cell Transplantation, 2013, 22, 189-204.	2.5	17
26	Early-onset Purkinje cell dysfunction underlies cerebellar ataxia in peroxisomal multifunctional protein-2 deficiency. Neurobiology of Disease, 2016, 94, 157-168.	4.4	15
27	Identification of PEX7 as the Second Gene Involved in Refsum Disease. Advances in Experimental Medicine and Biology, 2003, 544, 69-70.	1.6	13
28	Molecular basis of rhizomelic chondrodysplasia punctata type I: High frequency of the Leu-292 Stop mutation in 38 patients. Journal of Inherited Metabolic Disease, 1998, 21, 306-308.	3.6	10
29	Axonal pathology in <scp>K</scp>rabbe's disease: The cytoskeleton as an emerging therapeutic target. Journal of Neuroscience Research, 2016, 94, 1037-1041.	2.9	10
30	Autonomous Purkinje cell axonal dystrophy causes ataxia in peroxisomal multifunctional proteinâ€2 deficiency. Brain Pathology, 2018, 28, 631-643.	4.1	10
31	Plasmalogens regulate the AKT-ULK1 signaling pathway to control the position of the axon initial segment. Progress in Neurobiology, 2021, 205, 102123.	5.7	10
32	Pleiotropic effects of fenretinide in neuroblastoma cell lines and multicellular tumor spheroids. International Journal of Oncology, 0, , .	3.3	8
33	Organization and integration of biomedical knowledge with concept maps for key peroxisomal pathways. Bioinformatics, 2008, 24, i21-i27.	4.1	7
34	Variants in ADD1 cause intellectual disability, corpus callosum dysgenesis, and ventriculomegaly in humans. Genetics in Medicine, 2022, 24, 319-331.	2.4	6
35	The mouse as a model to understand peroxisomal biogenesis and its disorders. Drug Discovery Today: Disease Models, 2004, 1, 193-198.	1.2	3
36	Mutational Analysis of an X-Linked Adrenoleukodystrophy (ALD) Patient with Detectable ALD Protein. Annals of the New York Academy of Sciences, 1996, 804, 756-759.	3.8	1

#	Article	IF	Citations
37	Morphometric analysis of sciatic nerve images: A directional gradient approach. , 2014, , .		0