

Cláudia Maria Pereira

List of Publications by Year in descending order

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90
papers

4,693
citations

87888

38
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98798

67
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96
all docs

96
docs citations

96
times ranked

6509
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the antioxidant, anti-inflammatory and antiallergic potential of Brazilian propolis in monocytes. <i>Phytomedicine Plus</i> , 2022, 2, 100231.	2.0	8
2	Chemical Composition and Effect against Skin Alterations of Bioactive Extracts Obtained by the Hydrodistillation of <i>Eucalyptus globulus</i> Leaves. <i>Pharmaceutics</i> , 2022, 14, 561.	4.5	23
3	Bioactive Bacterial Nanocellulose Membranes Enriched with <i>Eucalyptus globulus</i> Labill. Leaves Aqueous Extract for Anti-Aging Skin Care Applications. <i>Materials</i> , 2022, 15, 1982.	2.9	7
4	ER-mitochondria communication is involved in NLRP3 inflammasome activation under stress conditions in the innate immune system. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 213.	5.4	20
5	Endoplasmic Reticulum-Mitochondria Contacts Modulate Reactive Oxygen Species-Mediated Signaling and Oxidative Stress in Brain Disorders: The Key Role of Sigma-1 Receptor. <i>Antioxidants and Redox Signaling</i> , 2022, 37, 758-780.	5.4	16
6	Synergistic hypoglycemic and hypolipidemic effects of γ -3 and γ -6 fatty acids from Indian flax and sesame seed oils in streptozotocin-induced diabetic rats. <i>Phytomedicine Plus</i> , 2022, 2, 100284.	2.0	5
7	Therapies for Alzheimer's disease: a metabolic perspective. <i>Molecular Genetics and Metabolism</i> , 2021, 132, 162-172.	1.1	8
8	Mitochondrial Alterations in Fibroblasts of Early Stage Bipolar Disorder Patients. <i>Biomedicines</i> , 2021, 9, 522.	3.2	4
9	Structural and Functional Alterations in Mitochondria-Associated Membranes (MAMs) and in Mitochondria Activate Stress Response Mechanisms in an In Vitro Model of Alzheimer's Disease. <i>Biomedicines</i> , 2021, 9, 881.	3.2	26
10	Chemical characterization and bioactive potential of <i>Artemisia campestris</i> L. subsp. <i>maritima</i> (DC) Arcang. essential oil and hydrodistillation residual water. <i>Journal of Ethnopharmacology</i> , 2021, 276, 114146.	4.1	11
11	Chemical signature and antimicrobial activity of Central Portuguese Natural Mineral Waters against selected skin pathogens. <i>Environmental Geochemistry and Health</i> , 2020, 42, 2039-2057.	3.4	7
12	APOE ϵ 4-TOMM40L Haplotype Increases the Risk of Mild Cognitive Impairment Conversion to Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020, 78, 587-601.	2.6	0
13	Calcium Modulation, Anti-Oxidant and Anti-Inflammatory Effect of Skin Allergens Targeting the Nrf2 Signaling Pathway in Alzheimer's Disease Cellular Models. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7791.	4.1	5
14	In vitro evaluation of potential benefits of a silica-rich thermal water (Monfortinho Thermal Water) in hyperkeratotic skin conditions. <i>International Journal of Biometeorology</i> , 2020, 64, 1957-1968.	3.0	7
15	Characterization and Cytotoxicity Assessment of the Lipophilic Fractions of Different Morphological Parts of <i>Acacia dealbata</i> . <i>International Journal of Molecular Sciences</i> , 2020, 21, 1814.	4.1	15
16	New BACE1 Chimeric Peptide Inhibitors Selectively Prevent A β PP Cleavage Decreasing Amyloid- β Production and Accumulation in Alzheimer's Disease Models. <i>Journal of Alzheimer's Disease</i> , 2020, 76, 1317-1337.	2.6	6
17	Mitochondria, endoplasmic reticulum and innate immune dysfunction in mood disorders: Do Mitochondria-Associated Membranes (MAMs) play a role?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165752.	3.8	22
18	Is Alzheimer's disease an inflammasomopathy?. <i>Ageing Research Reviews</i> , 2019, 56, 100966.	10.9	67

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19	Anti-inflammatory activity of Portuguese thermal waters. <i>Toxicology Letters</i> , 2018, 295, S257.	0.8	0
20	How Does Minimally Invasive Transforaminal Lumbar Interbody Fusion Influence Lumbar Radiologic Parameters?. <i>World Neurosurgery</i> , 2018, 116, e895-e902.	1.3	13
21	Highlights in BACE1 Inhibitors for Alzheimer's Disease Treatment. <i>Frontiers in Chemistry</i> , 2018, 6, 178.	3.6	126
22	Phosphatase 2A Inhibition Affects Endoplasmic Reticulum and Mitochondria Homeostasis Via Cytoskeletal Alterations in Brain Endothelial Cells. <i>Molecular Neurobiology</i> , 2017, 54, 154-168.	4.0	31
23	The ups and downs of cellular stress: the "MAM hypothesis" for Bipolar disorder pathophysiology. <i>International Journal of Clinical Neurosciences and Mental Health</i> , 2017, , S04.	0.7	7
24	Acute acalculous cholecystitis as a rare manifestation of chronic mesenteric ischemia. A case report. <i>International Journal of Surgery Case Reports</i> , 2016, 25, 207-211.	0.6	3
25	Control of attention in bipolar disorder: Effects of perceptual load in processing task-irrelevant facial expressions. <i>European Psychiatry</i> , 2016, 33, S335-S335.	0.2	0
26	Rhodotorula mucilaginosa Fungemia and Pleural Tuberculosis in an Immunocompetent Patient: An Uncommon Association. <i>Mycopathologia</i> , 2016, 181, 145-149.	3.1	5
27	The role of proteotoxic stress in vascular dysfunction in the pathogenesis of Alzheimer's disease. <i>Endoplasmic Reticulum Stress in Diseases</i> , 2015, 2, .	0.2	1
28	Alzheimer's Disease-Related Misfolded Proteins and Dysfunctional Organelles on Autophagy Menu. <i>DNA and Cell Biology</i> , 2015, 34, 261-273.	1.9	46
29	Daucus carota subsp. gummifer essential oil as a natural source of antifungal and anti-inflammatory drugs. <i>Industrial Crops and Products</i> , 2015, 65, 361-366.	5.2	18
30	Antioxidant properties of sterilized yacon (<i>Smallanthus sonchifolius</i>) tuber flour. <i>Food Chemistry</i> , 2015, 188, 504-509.	8.2	33
31	Oxidative stress involving changes in Nrf2 and ER stress in early stages of Alzheimer's disease. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015, 1852, 1428-1441.	3.8	137
32	Bioactivity and safety profile of Daucus carota subsp. maximus essential oil. <i>Industrial Crops and Products</i> , 2015, 77, 218-224.	5.2	12
33	Amyloid-Beta Disrupts Calcium and Redox Homeostasis in Brain Endothelial Cells. <i>Molecular Neurobiology</i> , 2015, 51, 610-622.	4.0	46
34	BRI2 ectodomain affects A β 242 fibrillation and tau truncation in human neuroblastoma cells. <i>Cellular and Molecular Life Sciences</i> , 2015, 72, 1599-1611.	5.4	10
35	Enhanced Amyloidogenic Processing of Amyloid Precursor Protein and Cell Death Under Prolonged Endoplasmic Reticulum Stress in Brain Endothelial Cells. <i>Molecular Neurobiology</i> , 2015, 51, 571-590.	4.0	21
36	A β 2 and NMDAR activation cause mitochondrial dysfunction involving ER calcium release. <i>Neurobiology of Aging</i> , 2015, 36, 680-692.	3.1	74

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37	Modulation of Endoplasmic Reticulum Stress: An Opportunity to Prevent Neurodegeneration?. CNS and Neurological Disorders - Drug Targets, 2015, 14, 518-533.	1.4	23
38	Protective Effect of Leptin and Ghrelin against Toxicity Induced by Amyloid β Oligomers in a Hypothalamic cell Line. Journal of Neuroendocrinology, 2014, 26, 176-185.	2.6	46
39	The role of endoplasmic reticulum in amyloid precursor protein processing and trafficking: Implications for Alzheimer's disease. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 1444-1453.	3.8	95
40	Loss of proteostasis induced by amyloid beta peptide in brain endothelial cells. Biochimica Et Biophysica Acta - Molecular Cell Research, 2014, 1843, 1150-1161.	4.1	30
41	P1-087: MISFOLDED BRI2 ECTODOMAIN ACTIVATES CRITICAL PATHOLOGICAL PATHWAYS INVOLVED IN EARLY STAGES OF ALZHEIMER'S DISEASE. , 2014, 10, P334-P334.		0
42	Anti-inflammatory effects of Thymus zygis subsp. sylvestris essential oil in LPS-stimulated macrophages and microglia cells. Planta Medica, 2014, 80, .	1.3	0
43	Antifungal and anti-inflammatory claims for wild carrot essential oil. Planta Medica, 2014, 80, .	1.3	0
44	Inhibition of mitochondrial cytochrome c oxidase potentiates A β -induced ER stress and cell death in cortical neurons. Molecular and Cellular Neurosciences, 2013, 52, 1-8.	2.2	29
45	Activation of the endoplasmic reticulum stress response by the amyloid-beta 1-40 peptide in brain endothelial cells. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2013, 1832, 2191-2203.	3.8	103
46	Effect of α -Synuclein on Amyloid β -Induced Toxicity: Relevance to Lewy Body Variant of Alzheimer Disease. Neurochemical Research, 2013, 38, 797-806.	3.3	25
47	Leptin and ghrelin prevent hippocampal dysfunction induced by A β oligomers. Neuroscience, 2013, 241, 41-51.	2.3	45
48	Mitochondrial- and Endoplasmic Reticulum-Associated Oxidative Stress in Alzheimer's Disease: From Pathogenesis to Biomarkers. International Journal of Cell Biology, 2012, 2012, 1-23.	2.5	120
49	Amyloid-Beta Peptide 1-42 Causes Microtubule Deregulation through N-methyl-D-aspartate Receptors in Mature Hippocampal Cultures. Current Alzheimer Research, 2012, 9, 844-856.	1.4	30
50	Amyloid β -induced ER stress is enhanced under mitochondrial dysfunction conditions. Neurobiology of Aging, 2012, 33, 824.e5-824.e16.	3.1	72
51	Epigenetic regulation of BACE1 in Alzheimer's disease patients and in transgenic mice. Neuroscience, 2012, 220, 256-266.	2.3	73
52	Endoplasmic reticulum stress occurs downstream of GluN2B subunit of N-methyl-D-aspartate receptor in mature hippocampal cultures treated with amyloid β oligomers. Aging Cell, 2012, 11, 823-833.	6.7	100
53	Endoplasmic reticulum stress: a new player in tauopathies. Journal of Pathology, 2012, 226, 687-692.	4.5	13
54	Epigenetics in neurodegeneration: A new layer of complexity. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2011, 35, 348-355.	4.8	84

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55	ER Stress-Mediated Apoptotic Pathway Induced by A β Peptide Requires the Presence of Functional Mitochondria. <i>Journal of Alzheimer's Disease</i> , 2010, 20, 625-636.	2.6	58
56	Alzheimer's Disease: The Quest to Understand Complexity. <i>Journal of Alzheimer's Disease</i> , 2010, 21, 373-383.	2.6	25
57	Mitochondrial control of autophagic lysosomal pathway in Alzheimer's disease. <i>Experimental Neurology</i> , 2010, 223, 294-298.	4.1	36
58	Cholesterol and statins in Alzheimer's disease: Current controversies. <i>Experimental Neurology</i> , 2010, 223, 282-293.	4.1	94
59	Multiple Defects in Energy Metabolism in Alzheimers Disease. <i>Current Drug Targets</i> , 2010, 11, 1193-1206.	2.1	166
60	Communication between endoplasmic reticulum and mitochondria in the neuronal death induced by amyloid-beta peptide. <i>Journal of the Neurological Sciences</i> , 2009, 283, 280-281.	0.6	0
61	Statins prevent beta-amyloid-induced toxicity in cortical neurons. <i>Journal of the Neurological Sciences</i> , 2009, 283, 281.	0.6	0
62	Neuroprotective Effects of Statins in an In Vitro Model of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2009, 17, 503-517.	2.6	21
63	Mitochondria as a Therapeutic Target in Alzheimers Disease and Diabetes. <i>CNS and Neurological Disorders - Drug Targets</i> , 2009, 8, 492-511.	1.4	34
64	ER-mediated stress induces mitochondrial-dependent caspases activation in NT2 neuron-like cells. <i>BMB Reports</i> , 2009, 42, 719-724.	2.4	39
65	Involvement of mitochondria in endoplasmic reticulum stress-induced apoptotic cell death pathway triggered by the prion peptide PrP ^{Sc} . <i>Journal of Neurochemistry</i> , 2008, 104, 766-776.	3.9	49
66	ER stress is involved in A β -induced GSK β activation and tau phosphorylation. <i>Journal of Neuroscience Research</i> , 2008, 86, 2091-2099.	2.9	128
67	Brain oxidative stress in a triple-transgenic mouse model of Alzheimer disease. <i>Free Radical Biology and Medicine</i> , 2008, 44, 2051-2057.	2.9	304
68	The release of calcium from the endoplasmic reticulum induced by amyloid-beta and prion peptides activates the mitochondrial apoptotic pathway. <i>Neurobiology of Disease</i> , 2008, 30, 331-342.	4.4	191
69	Neurotoxic effect of oligomeric and fibrillar species of amyloid-beta peptide 1-42: Involvement of endoplasmic reticulum calcium release in oligomer-induced cell death. <i>Neuroscience</i> , 2008, 155, 725-737.	2.3	209
70	Bcl-2 Overexpression Protects Against Amyloid-Beta and Prion Toxicity in GT1-7 Neural Cells. <i>Journal of Alzheimer's Disease</i> , 2007, 12, 223-228.	2.6	36
71	Susceptibility of hippocampal neurons to A β peptide toxicity is associated with perturbation of Ca ²⁺ homeostasis. <i>Brain Research</i> , 2007, 1143, 11-21.	2.2	86
72	An endoplasmic-reticulum-specific apoptotic pathway is involved in prion and amyloid-beta peptides neurotoxicity. <i>Neurobiology of Disease</i> , 2006, 23, 669-678.	4.4	190

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73	Protective effect of zinc on amyloid- β 25â€³35 and 1â€³40 mediated toxicity. <i>Neurotoxicity Research</i> , 2005, 7, 273-281.	2.7	33
74	Neurodegenerative Pathways in Parkinsons Disease: Therapeutic Strategies. <i>CNS and Neurological Disorders</i> , 2005, 4, 405-419.	4.3	48
75	Alzheimers Disease-Associated Neurotoxic Mechanisms and Neuroprotective Strategies. <i>CNS and Neurological Disorders</i> , 2005, 4, 383-403.	4.3	106
76	Aeroallergens sensitization in an allergic paediatric population of Cova da Beira, Portugal. <i>Allergologia Et Immunopathologia</i> , 2005, 33, 192-198.	1.7	27
77	Cell Degeneration Induced by Amyloid- β Peptides: Implications for Alzheimer's Disease. <i>Journal of Molecular Neuroscience</i> , 2004, 23, 097-104.	2.3	81
78	Involvement of endoplasmic reticulum Ca^{2+} release through ryanodine and inositol 1,4,5-triphosphate receptors in the neurotoxic effects induced by the amyloid- β peptide. <i>Journal of Neuroscience Research</i> , 2004, 76, 872-880.	2.9	145
79	Kinetics and dynamic evaluation of specific immunotherapy. <i>European Annals of Allergy and Clinical Immunology</i> , 2004, 36, 375-86.	1.0	2
80	Susceptibility to β -Amyloid-Induced Toxicity Is Decreased in Goto-Kakizaki Diabetic Rats: Involvement of Oxidative Stress. <i>Experimental Neurology</i> , 2000, 161, 383-391.	4.1	13
81	Oxidative glutamate toxicity involves mitochondrial dysfunction and perturbation of intracellular Ca^{2+} homeostasis. <i>Neuroscience Research</i> , 2000, 37, 227-236.	1.9	145
82	Vinpocetine attenuates the metabolic dysfunction induced by amyloid β -peptides in PC12 cells. <i>Free Radical Research</i> , 2000, 33, 497-506.	3.3	20
83	Effect of Zinc Ions on the Cytotoxicity Induced by the Amyloid β -Peptide. <i>Antioxidants and Redox Signaling</i> , 2000, 2, 317-325.	5.4	42
84	Mitochondrial function is differentially affected upon oxidative stress. <i>Free Radical Biology and Medicine</i> , 1999, 26, 3-13.	2.9	122
85	Involvement of Oxidative Stress on the Impairment of Energy Metabolism Induced by β Peptides on PC12 Cells: Protection by Antioxidants. <i>Neurobiology of Disease</i> , 1999, 6, 209-219.	4.4	151
86	Metabolic inhibition increases glutamate susceptibility on a PC12 cell line. , 1998, 51, 360-370.		23
87	The Protective Effect of Vitamin E, Idebenone and Reduced Glutathione on Free Radical Mediated Injury in Rat Brain Synaptosomes. <i>Biochemical and Biophysical Research Communications</i> , 1998, 246, 703-710.	2.1	58
88	Mitochondrial function impairment induced by amyloid β -peptide on PC12 cells. <i>NeuroReport</i> , 1998, 9, 1749-1755.	1.2	111
89	Glutamate Toxicity on a PC12 Cell Line Involves Glutathione (GSH) Depletion and Oxidative Stress. <i>Free Radical Biology and Medicine</i> , 1997, 23, 637-647.	2.9	107
90	Contribution of plasma membrane and endoplasmic reticulum Ca^{2+} -ATPases to the synaptosomal $[Ca^{2+}]_i$ increase during oxidative stress. <i>Brain Research</i> , 1996, 713, 269-277.	2.2	42