

Mário Grãos

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,602
citations

471509

17
h-index

501196

28
g-index

35
all docs

35
docs citations

35
times ranked

2970
citing authors

#	ARTICLE	IF	CITATIONS
1	Neuroprotection by BDNF against glutamate-induced apoptotic cell death is mediated by ERK and PI3-kinase pathways. <i>Cell Death and Differentiation</i> , 2005, 12, 1329-1343.	11.2	501
2	Mesenchymal stem cells from umbilical cord matrix, adipose tissue and bone marrow exhibit different capability to suppress peripheral blood B, natural killer and T cells. <i>Stem Cell Research and Therapy</i> , 2013, 4, 125.	5.5	213
3	The secretome of stem cells isolated from the adipose tissue and Wharton jelly acts differently on central nervous system derived cell populations. <i>Stem Cell Research and Therapy</i> , 2012, 3, 18.	5.5	111
4	Modulation of oligodendrocyte differentiation and maturation by combined biochemical and mechanical cues. <i>Scientific Reports</i> , 2016, 6, 21563.	3.3	85
5	Excitotoxicity Downregulates TrkB.FL Signaling and Upregulates the Neuroprotective Truncated TrkB Receptors in Cultured Hippocampal and Striatal Neurons. <i>Journal of Neuroscience</i> , 2012, 32, 4610-4622.	3.6	84
6	Distinct oligodendrocyte populations have spatial preference and different responses to spinal cord injury. <i>Nature Communications</i> , 2020, 11, 5860.	12.8	84
7	Soft culture substrates favor stem-like cellular phenotype and facilitate reprogramming of human mesenchymal stem/stromal cells (hMSCs) through mechanotransduction. <i>Scientific Reports</i> , 2019, 9, 9086.	3.3	82
8	Inhibition of Mitochondrial Complex III Blocks Neuronal Differentiation and Maintains Embryonic Stem Cell Pluripotency. <i>PLoS ONE</i> , 2013, 8, e82095.	2.5	67
9	Differentiation of Human Umbilical Cord Matrix Mesenchymal Stem Cells into Neural-Like Progenitor Cells and Maturation into an Oligodendroglial-Like Lineage. <i>PLoS ONE</i> , 2014, 9, e111059.	2.5	57
10	Towards the Maturation and Characterization of Smooth Muscle Cells Derived from Human Embryonic Stem Cells. <i>PLoS ONE</i> , 2011, 6, e17771.	2.5	32
11	Stem Cell Therapy for Neonatal Hypoxic-Ischemic Encephalopathy: A Systematic Review of Preclinical Studies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3142.	4.1	32
12	Juice of <i>Bryophyllum pinnatum</i> (Lam.) inhibits oxytocin-induced increase of the intracellular calcium concentration in human myometrial cells. <i>Phytomedicine</i> , 2010, 17, 980-986.	5.3	29
13	Modulation of signaling pathways by DJ-1: An updated overview. <i>Redox Biology</i> , 2022, 51, 102283.	9.0	26
14	Modulation of Oligodendrocyte Differentiation by Mechanotransduction. <i>Frontiers in Cellular Neuroscience</i> , 2016, 10, 277.	3.7	25
15	A necrodane monoterpenoid from <i>Lavandula luisieri</i> essential oil as a cell-permeable inhibitor of BACE1, the β -secretase in Alzheimer's disease. <i>Flavour and Fragrance Journal</i> , 2013, 28, 380-388.	2.6	23
16	Lysophosphatidic acid enhances survival of human CD34+ cells in ischemic conditions. <i>Scientific Reports</i> , 2015, 5, 16406.	3.3	22
17	Growth-factor-dependent phosphorylation of Bim in mitosis. <i>Biochemical Journal</i> , 2005, 388, 185-194.	3.7	20
18	Dose-Dependent Inhibition of BACE-1 by the Monoterpenoid 2,3,4,4-Tetramethyl-5-methylenecyclopent-2-enone in Cellular and Mouse Models of Alzheimer's Disease. <i>Journal of Natural Products</i> , 2014, 77, 1275-1279.	3.0	18

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19	Use of recombinant proteins as a simple and robust normalization method for untargeted proteomics screening: exhaustive performance assessment. <i>Talanta</i> , 2019, 205, 120163.	5.5	17
20	oxSWATH: An integrative method for a comprehensive redox-centered analysis combined with a generic differential proteomics screening. <i>Redox Biology</i> , 2019, 22, 101130.	9.0	15
21	Proteomics-Based Technologies in the Discovery of Biomarkers for Multiple Sclerosis in the Cerebrospinal Fluid. <i>Current Molecular Medicine</i> , 2011, 11, 326-349.	1.3	14
22	Polar Mapper : a computational tool for integrated visualization of protein interaction networks and mRNA expression data. <i>Journal of the Royal Society Interface</i> , 2009, 6, 881-896.	3.4	12
23	Cofilin-1 Is a Mechanosensitive Regulator of Transcription. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 678.	3.7	8
24	VEGF-Functionalized Dextran Has Longer Intracellular Bioactivity than VEGF in Endothelial Cells. <i>Biomacromolecules</i> , 2012, 13, 2906-2916.	5.4	7
25	Induced pluripotent stem cell-derived vascular networks to screen nano-bio interactions. <i>Nanoscale Horizons</i> , 2021, 6, 245-259.	8.0	7
26	A different vision of translational research in biomarker discovery: a pilot study on circulatory mitochondrial proteins as Parkinson's disease potential biomarkers. <i>Translational Neurodegeneration</i> , 2020, 9, 11.	8.0	4
27	Posttranslational modifications of proteins are key features in the identification of CSF biomarkers of multiple sclerosis. <i>Journal of Neuroinflammation</i> , 2022, 19, 44.	7.2	4
28	Polar Mapper: a computational tool for integrated visualization of protein interaction networks and mRNA expression data. <i>Nature Precedings</i> , 2008, , .	0.1	0
29	Isolation and Characterization of Mesenchymal Stem Cells from Amniotic Membrane. , 2015, , 195-207.		0
30	BDNF-Induced Intracellular Signaling. <i>Neuromethods</i> , 2017, , 161-183.	0.3	0
31	oxSWATH applied to the study of the alteration of intracellular and extracellular proteome of cells in response to oxidative stress. <i>Free Radical Biology and Medicine</i> , 2021, 165, 26.	2.9	0
32	Vascular Differentiation of Human Pluripotent Stem Cells. , 2012, , 97-115.		0