Merari F R Ferrari

List of Publications by Year
in descending order

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43 papers	2,206 citations	567281 15 h-index	254184 43 g-index
43 all docs	43 docs citations	43 times ranked	3256 citing authors

#	Article	IF	Citations
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 742 Td	9.1	1,430
2	ACE2 gene transfer attenuates hypertension-linked pathophysiological changes in the SHR. Physiological Genomics, 2006, 27, 12-19.	2.3	181
3	Pericytes Extend Survival of ALS SOD1 Mice and Induce the Expression of Antioxidant Enzymes in the Murine Model and in IPSCs Derived Neuronal Cells from an ALS Patient. Stem Cell Reviews and Reports, 2017, 13, 686-698.	5.6	49
4	Protein aggregation containing beta-amyloid, alpha-synuclein and hyperphosphorylated tau in cultured cells of hippocampus, substantia nigra and locus coeruleus after rotenone exposure. BMC Neuroscience, 2010, 11, 144.	1.9	41
5	Alpha-Synuclein Toxicity on Protein Quality Control, Mitochondria and Endoplasmic Reticulum. Neurochemical Research, 2018, 43, 2212-2223.	3.3	33
6	Nicotine Modulates the Reninâ€“Angiotensin System of Cultured Neurons and Glial Cells from Cardiovascular Brain Areas of Wistar Kyoto and Spontaneously Hypertensive Rats. Journal of Molecular Neuroscience, 2007, 33, 284-293.	2.3	32
7	Differential Regulation of the Renin-Angiotensin System by Nicotine in WKY and SHR Glia. Journal of Molecular Neuroscience, 2008, 35, 151-160.	2.3	26
8	Epigenetic regulation of retinal development. Epigenetics and Chromatin, 2021, 14, 11.	3.9	24
9	Change in the expression of NPY receptor subtypes Y1 and Y2 in central and peripheral neurons related to the control of blood pressure in rats following experimental hypertension. Neuropeptides, 2004, 38, 77-82.	2.2	23
10	Impairment of mitochondria dynamics by human A53T Î±-synuclein and rescue by NAP (davunetide) in a cell model for Parkinsonâ€™s disease. Experimental Brain Research, 2017, 235, 731-742.	1.5	23
11	Simvastatin ameliorates experimental autoimmune encephalomyelitis by inhibiting Th1/Th17 response and cellular infiltration. Inflammopharmacology, 2015, 23, 343-354.	3.9	22
12	Differential expression of nNOS mRNA and protein in the nucleus tractus solitarii of young and aged Wistarâ€“Kyoto and spontaneously hypertensive rats. Journal of Hypertension, 2005, 23, 1683-1690.	0.5	20
13	Effects of mild running on substantia nigra during early neurodegeneration. Journal of Sports Sciences, 2018, 36, 1363-1370.	2.0	20
14	AÎ²42-mediated proteasome inhibition and associated tau pathology in hippocampus are governed by a lysosomal response involving cathepsin B: Evidence for protective crosstalk between protein clearance pathways. PLoS ONE, 2017, 12, e0182895.	2.5	18
15	Midbrain Dopaminergic Neurons Differentiated from Human-Induced Pluripotent Stem Cells. Methods in Molecular Biology, 2019, 1919, 97-118.	0.9	18
16	Effects of Magnetite Nanoparticles and Static Magnetic Field on Neural Differentiation of Pluripotent Stem Cells. Stem Cell Reviews and Reports, 2022, 18, 1337-1354.	3.8	18
17	Rotenone-Dependent Changes of Anterograde Motor Protein Expression and Mitochondrial Mobility in Brain Areas Related to Neurodegenerative Diseases. Cellular and Molecular Neurobiology, 2013, 33, 327-335.	3.3	14
18	BAG2 expression dictates a functional intracellular switch between the p38-dependent effects of nicotine on tau phosphorylation levels via the Î±7 nicotinic receptor. Experimental Neurology, 2016, 275, 69-77.	4.1	14

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19	microRNAs expression correlates with levels of APP, DYRK1A, hyperphosphorylated Tau and BDNF in the hippocampus of a mouse model for Down syndrome during ageing. Neuroscience Letters, 2020, 714, 134541.	2.1	14
20	Chronic nicotine administration. Brain Research Bulletin, 2007, 72, 215-224.	3.0	11
21	Plasticity of Opioid Receptors in the Female Periaqueductal Gray: Multiparity-Induced Increase in the Activity of Genes Encoding for Mu and Kappa Receptors and a Post-Translational Decrease in Delta Receptor Expression. Journal of Molecular Neuroscience, 2011, 43, 175-181.	2.3	11
22	Aged Lewis rats exposed to low and moderate doses of rotenone are a good model for studying the process of protein aggregation and its effects upon central nervous system cell physiology. Arquivos De Neuro-Psiquiatria, 2016, 74, 737-744.	0.8	11
23	Presence of insoluble Tau following rotenone exposure ameliorates basic pathways associated with neurodegeneration. IBRO Reports, 2016, 1, 32-45.	0.3	11
24	BDNF trafficking and signaling impairment during early neurodegeneration is prevented by moderate physical activity. IBRO Reports, 2016, 1, 19-31.	0.3	11
25	Restoration of Rab1 Levels Prevents Endoplasmic Reticulum Stress in Hippocampal Cells during Protein Aggregation Triggered by Rotenone. Neuroscience, 2019, 419, 5-13.	2.3	11
26	Mitochondria-ER Tethering in Neurodegenerative Diseases. Cellular and Molecular Neurobiology, 2022, 42, 917-930.	3.3	11
27	Quantitative autoradiography of adrenergic, neuropeptide Y and angiotensin II receptors in the nucleus tractus solitarii and hypothalamus of rats with experimental hypertension. General Pharmacology, 2000, 34, 343-348.	0.7	10
28	Decreases in the expression of CGRP and galanin mRNA in central and peripheral neurons related to the control of blood pressure following experimental hypertension in rats. Brain Research Bulletin, 2004, 64, 59-66.	3.0	10
29	Modulation of Tyrosine Hydroxylase, Neuropeptide Y, Glutamate, and Substance P in Ganglia and Brain Areas Involved in Cardiovascular Control after Chronic Exposure to Nicotine. International Journal of Hypertension, 2011, 2011, 1-9.	1.3	10
30	Mild Exercise Differently Affects Proteostasis and Oxidative Stress on Motor Areas During Neurodegeneration: A Comparative Study of Three Treadmill Running Protocols. Neurotoxicity Research, 2019, 35, 410-420.	2.7	10
31	Gene Expression Profiling of Cultured Cells From Brainstem of Newborn Spontaneously Hypertensive and Wistar Kyoto Rats. Cellular and Molecular Neurobiology, 2009, 29, 287-308.	3.3	9
32	Time course analysis of tyrosine hydroxylase and angiotensinogen mRNA expression in central nervous system of rats submitted to experimental hypertension. Neuroscience Research, 2006, 55, 292-299.	1.9	8
33	Alpha2-adrenergic receptor distribution and density within the nucleus tractus solitarii of normotensive and hypertensive rats during development. Autonomic Neuroscience: Basic and Clinical, 2012, 166, 39-46.	2.8	8
34	ACUTE CHANGES IN3H-PAC AND125I-PYY BINDING IN THE NUCLEUS TRACTUS SOLITARII AND HYPOTHALAMUS AFTER A HYPERTENSIVE STIMULUS. Clinical and Experimental Hypertension, 2002, 24, 169-186.	1.3	6
35	Altered in vitro muscle differentiation in X-linked myopathy with excessive autophagy (XMEA). DMM Disease Models and Mechanisms, 2020, 13, .	2.4	6
36	Parkin is downregulated among autophagy-related proteins prior to hyperphosphorylation of Tau in TS65DN mice. Biochemical and Biophysical Research Communications, 2021, 561, 59-64.	2.1	6

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37	Dynein c1h1, dynactin and syntaphilin expression in brain areas related to neurodegenerative diseases following exposure to rotenone. Acta Neurobiologiae Experimentalis, 2013, 73, 541-56.	0.7	6
38	Effects of digoxin and digoxin plus furosemide on plasma renin activity of hypertensive patients.. Circulation Research, 1979, 44, 295-295.	4.5	5
39	Behavioral meaningful opioidergic stimulation activates kappa receptor gene expression. Brazilian Journal of Medical and Biological Research, 2012, 45, 982-987.	1.5	5
40	Effects of bilateral adrenalectomy on systemic kainate-induced activation of the nucleus of the solitary tract. Regulation of blood pressure and local neurotransmitters. Journal of Molecular Histology, 2008, 39, 253-263.	2.2	3
41	BAG2 prevents Tau hyperphosphorylation and increases p62/SQSTM1 in cell models of neurodegeneration. Molecular Biology Reports, 2022, 49, 7623-7635.	2.3	3
42	Adenosine receptor type 2a is differently modulated by nicotine in dorsal brainstem cells of Wistar Kyoto and spontaneously hypertensive rats. Journal of Neural Transmission, 2010, 117, 799-807.	2.8	2
43	Transcriptome analysis of nicotine-exposed cells from the brainstem of neonate spontaneously hypertensive and Wistar Kyoto rats. Pharmacogenomics Journal, 2010, 10, 134-160.	2.0	2