# 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 | Mitochondria-ER Tethering in Neurodegenerative Diseases. Cellular and Molecular Neurobiology, 2022, 42, 917-930. | 3.3 | 11 |
| 2 | 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 |
| 3 | BAG2 prevents Tau hyperphosphorylation and increases p62/SQSTM1 in cell models of neurodegeneration. Molecular Biology Reports, 2022, 49, 7623-7635. | 2.3 | 3 |
| 4 | Epigenetic regulation of retinal development. Epigenetics and Chromatin, 2021, 14, 11. | 3.9 | 24 |
| 5 | 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 |
| 6 | Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542 Td (edition | 9.1 | 1,430 |
| 7 | Altered in vitro muscle differentiation in X-linked myopathy with excessive autophagy (XMEA). DMM Disease Models and Mechanisms, 2020, 13, . | 2.4 | 6 |
| 8 | 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 |
| 9 | 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 |
| 10 | Midbrain Dopaminergic Neurons Differentiated from Human-Induced Pluripotent Stem Cells. Methods in Molecular Biology, 2019, 1919, 97-118. | 0.9 | 18 |
| 11 | 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 |
| 12 | Effects of mild running on substantia nigra during early neurodegeneration. Journal of Sports Sciences, 2018, 36, 1363-1370. | 2.0 | 20 |
| 13 | Alpha-Synuclein Toxicity on Protein Quality Control, Mitochondria and Endoplasmic Reticulum. Neurochemical Research, 2018, 43, 2212-2223. | 3.3 | 33 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | Presence of insoluble Tau following rotenone exposure ameliorates basic pathways associated with neurodegeneration. IBRO Reports, 2016, 1, 32-45. | 0.3 | 11 |

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|---|---|---|---|
| 19 | BDNF trafficking and signaling impairment during early neurodegeneration is prevented by moderate physical activity. IBRO Reports, 2016, 1, 19-31. | 0.3 | 11 |
| 20 | 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 |
| 21 | Simvastatin ameliorates experimental autoimmune encephalomyelitis by inhibiting Th1/Th17 response and cellular infiltration. Inflammopharmacology, 2015, 23, 343-354. | 3.9 | 22 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | Behavioral meaningful opioidergic stimulation activates kappa receptor gene expression. Brazilian Journal of Medical and Biological Research, 2012, 45, 982-987. | 1.5 | 5 |
| 26 | 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 |
| 27 | 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 |
| 28 | 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 |
| 29 | 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 |
| 30 | 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 |
| 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 | 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 |
| 33 | 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 |
| 34 | Chronic nicotine administration. Brain Research Bulletin, 2007, 72, 215-224. | 3.0 | 11 |
| 35 | 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 |
| 36 | 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 |

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|---|---|---|---|
| 37 | ACE2 gene transfer attenuates hypertension-linked pathophysiological changes in the SHR. Physiological Genomics, 2006, 27, 12-19. | 2.3 | 181 |
| 38 | 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 |
| 39 | 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 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | Effects of digoxin and digoxin plus furosemide on plasma renin activity of hypertensive patients.. Circulation Research, 1979, 44, 295-295. | 4.5 | 5 |