Michele Madonna

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Single systemic transfer of a human gene associated with exceptional longevity halts the progression of atherosclerosis and inflammation in ApoE knockout mice through a CXCR4-mediated mechanism. European Heart Journal, 2020, 41, 2487-2497.	2.2	50
2	Pharmacological restoration of autophagy reduces hypertension-related stroke occurrence. Autophagy, 2020, 16, 1468-1481.	9.1	60
3	The longevity-associated variant of BPIFB4 improves a CXCR4-mediated striatum–microglia crosstalk preventing disease progression in a mouse model of Huntington's disease. Cell Death and Disease, 2020, 11, 546.	6.3	15
4	Stimulation of Sphingosine Kinase 1 (SPHK1) Is Beneficial in a Huntington's Disease Pre-clinical Model. Frontiers in Molecular Neuroscience, 2019, 12, 100.	2.9	28
5	Rac1 Modulates Endothelial Function and Platelet Aggregation in Diabetes Mellitus. Journal of the American Heart Association, 2018, 7, .	3.7	29
6	<i>Akap1</i> Regulates Vascular Function and Endothelial Cells Behavior. Hypertension, 2018, 71, 507-517.	2.7	33
7	Stimulation of S1PR5 with A-971432, a selective agonist, preserves blood–brain barrier integrity and exerts therapeutic effect in an animal model of Huntington's disease. Human Molecular Genetics, 2018, 27, 2490-2501.	2.9	38
8	Effects of dual angiotensin type 1 receptor/neprilysin inhibition vs. angiotensin type 1 receptor inhibition on target organ injury in the stroke-prone spontaneously hypertensive rat. Journal of Hypertension, 2018, 36, 1902-1914.	0.5	21
9	Effects of aloe emodin on U87MG glioblastoma cell growth: In vitro and in vivo study. Environmental Toxicology, 2018, 33, 1160-1167.	4.0	27
10	A differential expression of uncoupling protein-2 associates with renal damage in stroke-resistant spontaneously hypertensive rat/stroke-prone spontaneously hypertensive rat-derived stroke congenic lines. Journal of Hypertension, 2017, 35, 1857-1871.	0.5	14
11	LAV-BPIFB4 isoform modulates eNOS signalling through Ca2+/PKC-alpha-dependent mechanism. Cardiovascular Research, 2017, 113, 795-804.	3.8	24
12	Permissive role for mGlu1 metabotropic glutamate receptors in excitotoxic retinal degeneration. Neuroscience, 2017, 363, 142-149.	2.3	13
13	A rare genetic variant of BPIFB4 predisposes to high blood pressure via impairment of nitric oxide signaling. Scientific Reports, 2017, 7, 9706.	3.3	17
14	Histone acetylation favours the cardiovascular commitment of adipose tissue-derived stromal cells. International Journal of Cardiology, 2017, 243, 421-423.	1.7	3
15	Defective Sphingosine-1-phosphate metabolism is a druggable target in Huntington's disease. Scientific Reports, 2017, 7, 5280.	3.3	60
16	Reduced brain UCP2 expression mediated by microRNA-503 contributes to increased stroke susceptibility in the high-salt fed stroke-prone spontaneously hypertensive rat. Cell Death and Disease, 2017, 8, e2891-e2891.	6.3	29
17	Early enteric neuron dysfunction in mouse and human HuntingtonÂdisease. Parkinsonism and Related Disorders, 2017, 34, 73-74.	2.2	12
18	Vasorelaxing Action of the Kynurenine Metabolite, Xanthurenic Acid: The Missing Link in Endotoxin-Induced Hypotension?. Frontiers in Pharmacology, 2017, 8, 214.	3.5	33

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19	Systematic Morphometry of Catecholamine Nuclei in the Brainstem. Frontiers in Neuroanatomy, 2017, 11, 98.	1.7	26
20	Genetic deletion of mGlu2 metabotropic glutamate receptors improves the short-term outcome of cerebral transient focal ischemia. Molecular Brain, 2017, 10, 39.	2.6	10
21	<i>Morus alba</i> extract modulates blood pressure homeostasis through eNOS signaling. Molecular Nutrition and Food Research, 2016, 60, 2304-2311.	3.3	32
22	Type-1, but Not Type-5, Metabotropic Glutamate Receptors are Coupled to Polyphosphoinositide Hydrolysis in the Retina. Neurochemical Research, 2016, 41, 924-932.	3.3	4
23	The prosurvival protein BAG3: a new participant in vascular homeostasis. Cell Death and Disease, 2016, 7, e2431-e2431.	6.3	15
24	Effects of Mecp2 loss of function in embryonic cortical neurons: a bioinformatics strategy to sort out non-neuronal cells variability from transcriptome profiling. BMC Bioinformatics, 2016, 17, 14.	2.6	10
25	Abnormal N-glycosylation pattern for brain nucleotide pyrophosphatase-5 (NPP-5) in Mecp2-mutant murine models of Rett syndrome. Neuroscience Research, 2016, 105, 28-34.	1.9	7
26	Serum BPIFB4 levels classify health status in long-living individuals. Immunity and Ageing, 2015, 12, 27.	4.2	39
27	Protective effects of Brassica oleracea sprouts extract toward renal damage in high-salt-fed SHRSP. Journal of Hypertension, 2015, 33, 1465-1479.	0.5	29
28	Pentraxin 3 Induces Vascular Endothelial Dysfunction Through a P-selectin/Matrix Metalloproteinase-1 Pathway. Circulation, 2015, 131, 1495-1505.	1.6	89
29	In vitro and in vivo effect of human lactoferrin on glioblastoma growth. Journal of Neurosurgery, 2015, 123, 1026-1035.	1.6	43
30	Genetic Analysis Reveals a Longevity-Associated Protein Modulating Endothelial Function and Angiogenesis. Circulation Research, 2015, 117, 333-345.	4.5	78
31	Differential modulation of AMPK/PPARα/UCP2 axis in relation to hypertension and aging in the brain, kidneys and heart of two closely related spontaneously hypertensive rat strains. Oncotarget, 2015, 6, 18800-18818.	1.8	27
32	Effects of vitamin B12 on the corneal nerve regeneration in rats. Experimental Eye Research, 2014, 120, 109-117.	2.6	28
33	Oxidative brain damage in Mecp2-mutant murine models of Rett syndrome. Neurobiology of Disease, 2014, 68, 66-77.	4.4	118
34	Role of neuroinflammation in hypertension-induced brain amyloid pathology. Neurobiology of Aging, 2012, 33, 205.e19-205.e29.	3.1	83
35	Placental Growth Factor Regulates Cardiac Inflammation Through the Tissue Inhibitor of Metalloproteinases-3/Tumor Necrosis Factor-α–Converting Enzyme Axis. Circulation, 2011, 124, 1337-1350. 	1.6	57