Michele Madonna

List of Publications by Year
in descending order

35 papers	1,201 citations	304368 22 h-index	377514 34 g-index
35 all docs	35 docs citations	35 times ranked	2272 citing authors

#	Article	IF	Citations
1	Oxidative brain damage in Mecp2-mutant murine models of Rett syndrome. Neurobiology of Disease, 2014, 68, 66-77.	2.1	118
2	Pentraxin 3 Induces Vascular Endothelial Dysfunction Through a P-selectin/Matrix Metalloproteinase-1 Pathway. Circulation, 2015, 131, 1495-1505.	1.6	89
3	Role of neuroinflammation in hypertension-induced brain amyloid pathology. Neurobiology of Aging, 2012, 33, 205.e19-205.e29.	1.5	83
4	Genetic Analysis Reveals a Longevity-Associated Protein Modulating Endothelial Function and Angiogenesis. Circulation Research, 2015, 117, 333-345.	2.0	78
5	Defective Sphingosine-1-phosphate metabolism is a druggable target in Huntingtonâ€™s disease. Scientific Reports, 2017, 7, 5280.	1.6	60
6	Pharmacological restoration of autophagy reduces hypertension-related stroke occurrence. Autophagy, 2020, 16, 1468-1481.	4.3	60
7	Placental Growth Factor Regulates Cardiac Inflammation Through the Tissue Inhibitor of Metalloproteinases-3/Tumor Necrosis Factor-Î±â€“Converting Enzyme Axis. Circulation, 2011, 124, 1337-1350.	1.6	57
8	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.	1.0	50
9	In vitro and in vivo effect of human lactoferrin on glioblastoma growth. Journal of Neurosurgery, 2015, 123, 1026-1035.	0.9	43
10	Serum BPIFB4 levels classify health status in long-living individuals. Immunity and Ageing, 2015, 12, 27.	1.8	39
11	Stimulation of S1PR5 with A-971432, a selective agonist, preserves bloodâ€“brain barrier integrity and exerts therapeutic effect in an animal model of Huntingtonâ€™s disease. Human Molecular Genetics, 2018, 27, 2490-2501.	1.4	38
12	Vasorelaxing Action of the Kynurenine Metabolite, Xanthurenic Acid: The Missing Link in Endotoxin-Induced Hypotension?. Frontiers in Pharmacology, 2017, 8, 214.	1.6	33
13	Akap1 Regulates Vascular Function and Endothelial Cells Behavior. Hypertension, 2018, 71, 507-517.	1.3	33
14	Morus alba extract modulates blood pressure homeostasis through eNOS signaling. Molecular Nutrition and Food Research, 2016, 60, 2304-2311.	1.5	32
15	Protective effects of Brassica oleracea sprouts extract toward renal damage in high-salt-fed SHRSP. Journal of Hypertension, 2015, 33, 1465-1479.	0.3	29
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.	2.7	29
17	Rac1 Modulates Endothelial Function and Platelet Aggregation in Diabetes Mellitus. Journal of the American Heart Association, 2018, 7, .	1.6	29
18	Effects of vitamin B12 on the corneal nerve regeneration in rats. Experimental Eye Research, 2014, 120, 109-117.	1.2	28

#	Article	IF	Citations
19	Stimulation of Sphingosine Kinase 1 (SPHK1) Is Beneficial in a Huntingtonâ€™s Disease Pre-clinical Model. Frontiers in Molecular Neuroscience, 2019, 12, 100.	1.4	28
20	Effects of aloe emodin on U87MG glioblastoma cell growth: In vitro and in vivo study. Environmental Toxicology, 2018, 33, 1160-1167.	2.1	27
21	Differential modulation of AMPK/PPARÎ±/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.	0.8	27
22	Systematic Morphometry of Catecholamine Nuclei in the Brainstem. Frontiers in Neuroanatomy, 2017, 11, 98.	0.9	26
23	LAV-BPIFB4 isoform modulates eNOS signalling through Ca2+/PKC-alpha-dependent mechanism. Cardiovascular Research, 2017, 113, 795-804.	1.8	24
24	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.	0.3	21
25	A rare genetic variant of BPIFB4 predisposes to high blood pressure via impairment of nitric oxide signaling. Scientific Reports, 2017, 7, 9706.	1.6	17
26	The prosurvival protein BAG3: a new participant in vascular homeostasis. Cell Death and Disease, 2016, 7, e2431-e2431.	2.7	15
27	The longevity-associated variant of BPIFB4 improves a CXCR4-mediated striatumâ€“microglia crosstalk preventing disease progression in a mouse model of Huntingtonâ€™s disease. Cell Death and Disease, 2020, 11, 546.	2.7	15
28	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.	0.3	14
29	Permissive role for mGlu1 metabotropic glutamate receptors in excitotoxic retinal degeneration. Neuroscience, 2017, 363, 142-149.	1.1	13
30	Early enteric neuron dysfunction in mouse and human HuntingtonÂdisease. Parkinsonism and Related Disorders, 2017, 34, 73-74.	1.1	12
31	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.	1.2	10
32	Genetic deletion of mGlu2 metabotropic glutamate receptors improves the short-term outcome of cerebral transient focal ischemia. Molecular Brain, 2017, 10, 39.	1.3	10
33	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.	1.0	7
34	Type-1, but Not Type-5, Metabotropic Glutamate Receptors are Coupled to Polyphosphoinositide Hydrolysis in the Retina. Neurochemical Research, 2016, 41, 924-932.	1.6	4
35	Histone acetylation favours the cardiovascular commitment of adipose tissue-derived stromal cells. International Journal of Cardiology, 2017, 243, 421-423.	0.8	3