

# Michele Madonna

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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. <i>European Heart Journal</i> , 2020, 41, 2487-2497.	1.0	50
2	Pharmacological restoration of autophagy reduces hypertension-related stroke occurrence. <i>Autophagy</i> , 2020, 16, 1468-1481.	4.3	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. <i>Cell Death and Disease</i> , 2020, 11, 546.	2.7	15
4	Stimulation of Sphingosine Kinase 1 (SPHK1) Is Beneficial in a Huntington's Disease Pre-clinical Model. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 100.	1.4	28
5	Rac1 Modulates Endothelial Function and Platelet Aggregation in Diabetes Mellitus. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	29
6	Akap1 Regulates Vascular Function and Endothelial Cells Behavior. <i>Hypertension</i> , 2018, 71, 507-517.	1.3	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. <i>Human Molecular Genetics</i> , 2018, 27, 2490-2501.	1.4	38
8	Effects of dual angiotensin type 1 receptor/nepriylsin inhibition vs. angiotensin type 1 receptor inhibition on target organ injury in the stroke-prone spontaneously hypertensive rat. <i>Journal of Hypertension</i> , 2018, 36, 1902-1914.	0.3	21
9	Effects of aloe emodin on U87MG glioblastoma cell growth: In vitro and in vivo study. <i>Environmental Toxicology</i> , 2018, 33, 1160-1167.	2.1	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. <i>Journal of Hypertension</i> , 2017, 35, 1857-1871.	0.3	14
11	LAV-BPIFB4 isoform modulates eNOS signalling through Ca <sup>2+</sup> /PKC-alpha-dependent mechanism. <i>Cardiovascular Research</i> , 2017, 113, 795-804.	1.8	24
12	Permissive role for mGlu1 metabotropic glutamate receptors in excitotoxic retinal degeneration. <i>Neuroscience</i> , 2017, 363, 142-149.	1.1	13
13	A rare genetic variant of BPIFB4 predisposes to high blood pressure via impairment of nitric oxide signaling. <i>Scientific Reports</i> , 2017, 7, 9706.	1.6	17
14	Histone acetylation favours the cardiovascular commitment of adipose tissue-derived stromal cells. <i>International Journal of Cardiology</i> , 2017, 243, 421-423.	0.8	3
15	Defective Sphingosine-1-phosphate metabolism is a druggable target in Huntington's disease. <i>Scientific Reports</i> , 2017, 7, 5280.	1.6	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. <i>Cell Death and Disease</i> , 2017, 8, e2891-e2891.	2.7	29
17	Early enteric neuron dysfunction in mouse and human Huntington's disease. <i>Parkinsonism and Related Disorders</i> , 2017, 34, 73-74.	1.1	12
18	Vasorelaxing Action of the Kynurenine Metabolite, Xanthurenic Acid: The Missing Link in Endotoxin-Induced Hypotension?. <i>Frontiers in Pharmacology</i> , 2017, 8, 214.	1.6	33

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19	Systematic Morphometry of Catecholamine Nuclei in the Brainstem. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 98.	0.9	26
20	Genetic deletion of mGlu2 metabotropic glutamate receptors improves the short-term outcome of cerebral transient focal ischemia. <i>Molecular Brain</i> , 2017, 10, 39.	1.3	10
21	<i>Morus alba</i> extract modulates blood pressure homeostasis through eNOS signaling. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 2304-2311.	1.5	32
22	Type-1, but Not Type-5, Metabotropic Glutamate Receptors are Coupled to Polyphosphoinositide Hydrolysis in the Retina. <i>Neurochemical Research</i> , 2016, 41, 924-932.	1.6	4
23	The prosurvival protein BAG3: a new participant in vascular homeostasis. <i>Cell Death and Disease</i> , 2016, 7, e2431-e2431.	2.7	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. <i>BMC Bioinformatics</i> , 2016, 17, 14.	1.2	10
25	Abnormal N-glycosylation pattern for brain nucleotide pyrophosphatase-5 (NPP-5) in Mecp2-mutant murine models of Rett syndrome. <i>Neuroscience Research</i> , 2016, 105, 28-34.	1.0	7
26	Serum BPIFB4 levels classify health status in long-living individuals. <i>Immunity and Ageing</i> , 2015, 12, 27.	1.8	39
27	Protective effects of Brassica oleracea sprouts extract toward renal damage in high-salt-fed SHRSP. <i>Journal of Hypertension</i> , 2015, 33, 1465-1479.	0.3	29
28	Pentraxin 3 Induces Vascular Endothelial Dysfunction Through a P-selectin/Matrix Metalloproteinase-1 Pathway. <i>Circulation</i> , 2015, 131, 1495-1505.	1.6	89
29	In vitro and in vivo effect of human lactoferrin on glioblastoma growth. <i>Journal of Neurosurgery</i> , 2015, 123, 1026-1035.	0.9	43
30	Genetic Analysis Reveals a Longevity-Associated Protein Modulating Endothelial Function and Angiogenesis. <i>Circulation Research</i> , 2015, 117, 333-345.	2.0	78
31	Differential modulation of AMPK/PPAR $\alpha$ /UCP2 axis in relation to hypertension and aging in the brain, kidneys and heart of two closely related spontaneously hypertensive rat strains. <i>Oncotarget</i> , 2015, 6, 18800-18818.	0.8	27
32	Effects of vitamin B12 on the corneal nerve regeneration in rats. <i>Experimental Eye Research</i> , 2014, 120, 109-117.	1.2	28
33	Oxidative brain damage in Mecp2-mutant murine models of Rett syndrome. <i>Neurobiology of Disease</i> , 2014, 68, 66-77.	2.1	118
34	Role of neuroinflammation in hypertension-induced brain amyloid pathology. <i>Neurobiology of Aging</i> , 2012, 33, 205.e19-205.e29.	1.5	83
35	Placental Growth Factor Regulates Cardiac Inflammation Through the Tissue Inhibitor of Metalloproteinases-3/Tumor Necrosis Factor- $\alpha$ Converting Enzyme Axis. <i>Circulation</i> , 2011, 124, 1337-1350.	1.6	57