Simona Marchitti

List of Publications by Year
in descending order

42 papers	946 citations	516561 16 h-index	477173 29 g-index
42 all docs	42 docs citations	42 times ranked	1140 citing authors

#	Article	IF	Citations
1	Association of Atrial Natriuretic Peptide and Type A Natriuretic Peptide Receptor Gene Polymorphisms With Left Ventricular Mass in Human Essential Hypertension. Journal of the American College of Cardiology, 2006, 48, 499-505.	1.2	137
2	Pharmacological restoration of autophagy reduces hypertension-related stroke occurrence. Autophagy, 2020, 16, 1468-1481.	4.3	60
3	Differential Modulation of Uncoupling Protein 2 in Kidneys of Stroke-Prone Spontaneously Hypertensive Rats Under High-Salt/Low-Potassium Diet. Hypertension, 2013, 61, 534-541.	1.3	57
4	Pathogenesis of Ischemic Stroke: Role of Epigenetic Mechanisms. Genes, 2020, 11, 89.	1.0	56
5	Molecular Implications of Natriuretic Peptides in the Protection from Hypertension and Target Organ Damage Development. International Journal of Molecular Sciences, 2019, 20, 798.	1.8	47
6	Ndufc2 Gene Inhibition Is Associated With Mitochondrial Dysfunction and Increased Stroke Susceptibility in an Animal Model of Complex Human Disease. Journal of the American Heart Association, 2016, 5, .	1.6	43
7	Influence of rs5065 Atrial Natriuretic Peptide Gene Variant on Coronary Artery Disease. Journal of the American College of Cardiology, 2012, 59, 1763-1770.	1.2	40
8	C2238 Atrial Natriuretic Peptide Molecular Variant Is Associated With Endothelial Damage and Dysfunction Through Natriuretic Peptide Receptor C Signaling. Circulation Research, 2013, 112, 1355-1364.	2.0	34
9	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
10	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
11	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
12	Dickkopf-3 Upregulates VEGF in Cultured Human Endothelial Cells by Activating Activin Receptor-Like Kinase 1 (ALK1) Pathway. Frontiers in Pharmacology, 2017, 8, 111.	1.6	26
13	Phosphodiesterase 4D and 5-lipoxygenase activating protein genes and risk of ischemic stroke in Sardinians. European Journal of Human Genetics, 2009, 17, 1448-1453.	1.4	24
14	Role of DAMPs and of Leukocytes Infiltration in Ischemic Stroke: Insights from Animal Models and Translation to the Human Disease. Cellular and Molecular Neurobiology, 2022, 42, 545-556.	1.7	22
15	Î²2-Adrenergic Receptor Gene Polymorphisms and Risk of Ischemic Stroke. American Journal of Hypertension, 2007, 20, 657-662.	1.0	21
16	Reactive oxygen species-mediated effects on vascular remodeling induced by human atrial natriuretic peptide T2238C molecular variant in endothelial cells in vitro. Journal of Hypertension, 2009, 27, 1804-1813.	0.3	21
17	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
18	An interplay between UCP2 and ROS protects cells from high-salt-induced injury through autophagy stimulation. Cell Death and Disease, 2021, 12, 919.	2.7	20

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19	NT-proANP circulating level is a prognostic marker in stable ischemic heart disease. International Journal of Cardiology, 2012, 155, 311-312.	0.8	16
20	Vascular ageing in hypertension: Focus on mitochondria. Mechanisms of Ageing and Development, 2020, 189, 111267.	2.2	15
21	Epigenetic control of natriuretic peptides: implications for health and disease. Cellular and Molecular Life Sciences, 2020, 77, 5121-5130.	2.4	15
22	Trehalose, a natural disaccharide, reduces stroke occurrence in the stroke-prone spontaneously hypertensive rat. Pharmacological Research, 2021, 173, 105875.	3.1	15
23	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
24	A protective role of a cholesteryl ester transfer protein gene variant towards ischaemic stroke in Sardinians. Journal of Internal Medicine, 2007, 262, 555-561.	2.7	13
25	Association of a single nucleotide polymorphism of the NPR3 gene promoter with early onset ischemic stroke in an Italian cohort. European Journal of Internal Medicine, 2013, 24, 80-82.	1.0	13
26	The T2238C Human Atrial Natriuretic Peptide Molecular Variant and the Risk of Cardiovascular Diseases. International Journal of Molecular Sciences, 2018, 19, 540.	1.8	12
27	Brain Overexpression of Uncoupling Protein-2 (UCP2) Delays Renal Damage and Stroke Occurrence in Stroke-Prone Spontaneously Hypertensive Rats. International Journal of Molecular Sciences, 2020, 21, 4289.	1.8	12
28	Determinants of N-terminal proatrial natriuretic peptide plasma levels in a survey of adult male population from Southern Italy. Journal of Hypertension, 2010, 28, 1638-1645.	0.3	11
29	A Decrease of Brain MicroRNA-122 Level Is an Early Marker of Cerebrovascular Disease in the Stroke-Prone Spontaneously Hypertensive Rat. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-13.	1.9	11
30	Inhibition of miRâ€155 Attenuates Detrimental Vascular Effects of Tobacco Cigarette Smoking. Journal of the American Heart Association, 2020, 9, e017000.	1.6	11
31	The C2238/Î±ANP Variant Is a Negative Modulator of Both Viability and Function of Coronary Artery Smooth Muscle Cells. PLoS ONE, 2014, 9, e113108.	1.1	10
32	NT-proANP and NT-proBNP circulating levels as predictors of cardiovascular outcome following coronary stent implantation. Cardiovascular Revascularization Medicine, 2016, 17, 162-168.	0.3	10
33	Aminoterminal natriuretic peptides and cardiovascular risk in an Italian male adult cohort. International Journal of Cardiology, 2011, 152, 245-246.	0.8	9
34	T2238C ANP gene variant and risk of recurrent acute coronary syndromes in an Italian cohort of ischemic heart disease patients. Journal of Cardiovascular Medicine, 2016, 17, 601-607.	0.6	9
35	C2238 ANP gene variant promotes increased platelet aggregation through the activation of Nox2 and the reduction of cAMP. Scientific Reports, 2017, 7, 3797.	1.6	8
36	Differential Expression of Sphingolipid Metabolizing Enzymes in Spontaneously Hypertensive Rats: A Possible Substrate for Susceptibility to Brain and Kidney Damage. International Journal of Molecular Sciences, 2021, 22, 3796.	1.8	8

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37	NT-proAtrial Natriuretic Peptide as a possible biomarker of cardiopulmonary involvement in sarcoidosis. European Journal of Internal Medicine, 2013, 24, 278-284.	1.0	6
38	Role of a molecular variant of rat atrial natriuretic Peptide gene in vascular remodeling. Annals of Clinical and Laboratory Science, 2007, 37, 135-40.	0.2	6
39	NT-proANP/ANP is a Determinant of Vascular Damage in Humans. High Blood Pressure and Cardiovascular Prevention, 2010, 17, 117-120.	1.0	4
40	Relevance of stromal interaction molecule 1 (STIM1) in experimental and human stroke. Pflugers Archiv European Journal of Physiology, 2021, , 1.	1.3	2
41	T2238C atrial natriuretic peptide gene variant and cardiovascular events in patients with atrial fibrillation: A substudy from the ATHERO-AF cohort. International Journal of Cardiology, 2021, 322, 245-249.	0.8	1
42	Role of Uncoupling Protein 2 Gene Polymorphisms on the Risk of Ischemic Stroke in a Sardinian Population. Life, 2022, 12, 721.	1.1	1