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List of Publications by Year
in descending order

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58 papers	1,561 citations	331538 21 h-index	330025 37 g-index
58 all docs	58 docs citations	58 times ranked	1797 citing authors

#	Article	IF	Citations
1	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
2	Role of Uncoupling Protein 2 Gene Polymorphisms on the Risk of Ischemic Stroke in a Sardinian Population. Life, 2022, 12, 721.	1.1	1
3	Impact of a NDUFC2 Variant on the Occurrence of Acute Coronary Syndromes. Frontiers in Cardiovascular Medicine, 2022, 9, .	1.1	3
4	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
5	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
6	Trehalose, a natural disaccharide, reduces stroke occurrence in the stroke-prone spontaneously hypertensive rat. Pharmacological Research, 2021, 173, 105875.	3.1	15
7	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
8	Relevance of stromal interaction molecule 1 (STIM1) in experimental and human stroke. Pflugers Archiv European Journal of Physiology, 2021, , 1.	1.3	2
9	Pharmacological restoration of autophagy reduces hypertension-related stroke occurrence. Autophagy, 2020, 16, 1468-1481.	4.3	60
10	Inhibition of miRâ€155 Attenuates Detrimental Vascular Effects of Tobacco Cigarette Smoking. Journal of the American Heart Association, 2020, 9, e017000.	1.6	11
11	Vascular ageing in hypertension: Focus on mitochondria. Mechanisms of Ageing and Development, 2020, 189, 111267.	2.2	15
12	Epigenetic control of natriuretic peptides: implications for health and disease. Cellular and Molecular Life Sciences, 2020, 77, 5121-5130.	2.4	15
13	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
14	Pathogenesis of Ischemic Stroke: Role of Epigenetic Mechanisms. Genes, 2020, 11, 89.	1.0	56
15	The reduction of NDUFC2 expression is associated with mitochondrial impairment in circulating mononuclear cells of patients with acute coronary syndrome. International Journal of Cardiology, 2019, 286, 127-133.	0.8	19
16	T2238C Atrial Natriuretic Peptide Gene Variant and the Response to Antiplatelet Therapy in Stable Ischemic Heart Disease Patients. Journal of Cardiovascular Translational Research, 2018, 11, 36-41.	1.1	7
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	Cellular and subcellular localization of uncoupling protein 2 in the human kidney. Journal of Molecular Histology, 2018, 49, 437-445.	1.0	10

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19	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
20	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
21	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
22	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
23	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
24	Uncoupling Protein 2: A Key Player and a Potential Therapeutic Target in Vascular Diseases. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-11.	1.9	62
25	Mitochondrial Dysfunction Contributes to Hypertensive Target Organ Damage: Lessons from an Animal Model of Human Disease. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-10.	1.9	36
26	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
27	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
28	RyR2 Common Gene Variant G1886S and the Risk of Ventricular Arrhythmias in ICD Patients with Heart Failure. Journal of Cardiovascular Electrophysiology, 2015, 26, 656-661.	0.8	4
29	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
30	C2238/Î±ANP modulates apolipoprotein E through Egr-1/miR199a in vascular smooth muscle cells in vitro. Cell Death and Disease, 2015, 6, e2033-e2033.	2.7	13
31	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
32	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
33	Common genetic variants in selected Ca2+ signaling genes and the risk of appropriate ICD interventions in patients with heart failure. Journal of Interventional Cardiac Electrophysiology, 2013, 38, 169-177.	0.6	10
34	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
35	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
36	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

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37	Atrial Natriuretic Peptide Single Nucleotide Polymorphisms in Patients with Nonfamilial Structural Atrial Fibrillation. Clinical Medicine Insights: Cardiology, 2013, 7, CMC.S12239.	0.6	17
38	NT-proANP circulating level is a prognostic marker in stable ischemic heart disease. International Journal of Cardiology, 2012, 155, 311-312.	0.8	16
39	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
40	Aminoterminal natriuretic peptides and cardiovascular risk in an Italian male adult cohort. International Journal of Cardiology, 2011, 152, 245-246.	0.8	9
41	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
42	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
43	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
44	Natriuretic Peptides: An Update on Bioactivity, Potential Therapeutic Use, and Implication in Cardiovascular Diseases. American Journal of Hypertension, 2008, 21, 733-741.	1.0	175
45	Atrial natriuretic peptide (ANP) gene promoter variant and increased susceptibility to early development of hypertension in humans. Journal of Human Hypertension, 2007, 21, 822-824.	1.0	19
46	Î²2-Adrenergic Receptor Gene Polymorphisms and Risk of Ischemic Stroke. American Journal of Hypertension, 2007, 20, 657-662.	1.0	21
47	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
48	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
49	Reciprocal congenic lines for a major stroke QTL on rat chromosome 1. Physiological Genomics, 2006, 27, 108-113.	1.0	23
50	A role of TNF-alpha gene variant on juvenile ischemic stroke: a case-control study. European Journal of Neurology, 2005, 12, 989-993.	1.7	54
51	Polymorphisms in prothrombotic genes and their impact on ischemic stroke in a Sardinian population. Thrombosis and Haemostasis, 2005, 93, 1095-1100.	1.8	32
52	Atrial Natriuretic Peptide Gene Polymorphisms and Risk of Ischemic Stroke in Humans. Stroke, 2004, 35, 814-818.	1.0	105
53	Role of Genetic Factors in the Etiopathogenesis of Cerebrovascular Accidents: From an Animal Model to the Human Disease. Cellular and Molecular Neurobiology, 2004, 24, 581-588.	1.7	4
54	In the search for stroke genes: a long and winding road. American Journal of Hypertension, 2004, 17, 197-202.	1.0	13

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55	Gene polymorphisms of the renin???angiotensin???aldosterone system and the risk of ischemic stroke. Journal of Hypertension, 2004, 22, 2129-2134.	0.3	46
56	Contribution of Genetic Factors to Renal Lesions in the Stroke-Prone Spontaneously Hypertensive Rat. Hypertension, 2003, 42, 702-706.	1.3	32
57	Effect of a regulatory mutation on the rat atrial natriuretic peptide gene transcription. Peptides, 2002, 23, 555-560.	1.2	12
58	Endogenous insulin-like growth factors regulate the proliferation of TSH-independent mutants derived from FRTL5 cells. Biochimie, 1999, 81, 367-371.	1.3	4