

Maria Cotugno

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

669
citations

567144

15
h-index

610775

24
g-index

35
all docs

35
docs citations

35
times ranked

863
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Pharmacological restoration of autophagy reduces hypertension-related stroke occurrence. <i>Autophagy</i> , 2020, 16, 1468-1481. | 4.3 | 60 |
| 2 | Differential Modulation of Uncoupling Protein 2 in Kidneys of Stroke-Prone Spontaneously Hypertensive Rats Under High-Salt/Low-Potassium Diet. <i>Hypertension</i> , 2013, 61, 534-541. | 1.3 | 57 |
| 3 | Pathogenesis of Ischemic Stroke: Role of Epigenetic Mechanisms. <i>Genes</i> , 2020, 11, 89. | 1.0 | 56 |
| 4 | Ndufc2 Gene Inhibition Is Associated With Mitochondrial Dysfunction and Increased Stroke Susceptibility in an Animal Model of Complex Human Disease. <i>Journal of the American Heart Association</i> , 2016, 5, . | 1.6 | 43 |
| 5 | Influence of rs5065 Atrial Natriuretic Peptide Gene Variant on Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2012, 59, 1763-1770. | 1.2 | 40 |
| 6 | C2238 Atrial Natriuretic Peptide Molecular Variant Is Associated With Endothelial Damage and Dysfunction Through Natriuretic Peptide Receptor C Signaling. <i>Circulation Research</i> , 2013, 112, 1355-1364. | 2.0 | 34 |
| 7 | 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 |
| 8 | 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 |
| 9 | Differential modulation of AMPK/PPAR α /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 |
| 10 | Role of DAMPs and of Leukocytes Infiltration in Ischemic Stroke: Insights from Animal Models and Translation to the Human Disease. <i>Cellular and Molecular Neurobiology</i> , 2022, 42, 545-556. | 1.7 | 22 |
| 11 | Effects of dual angiotensin type 1 receptor/nephrilysin 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 |
| 12 | An interplay between UCP2 and ROS protects cells from high-salt-induced injury through autophagy stimulation. <i>Cell Death and Disease</i> , 2021, 12, 919. | 2.7 | 20 |
| 13 | The reduction of NDUFC2 expression is associated with mitochondrial impairment in circulating mononuclear cells of patients with acute coronary syndrome. <i>International Journal of Cardiology</i> , 2019, 286, 127-133. | 0.8 | 19 |
| 14 | Atrial Natriuretic Peptide Single Nucleotide Polymorphisms in Patients with Nonfamilial Structural Atrial Fibrillation. <i>Clinical Medicine Insights: Cardiology</i> , 2013, 7, CMC.S12239. | 0.6 | 17 |
| 15 | NT-proANP circulating level is a prognostic marker in stable ischemic heart disease. <i>International Journal of Cardiology</i> , 2012, 155, 311-312. | 0.8 | 16 |
| 16 | Vascular ageing in hypertension: Focus on mitochondria. <i>Mechanisms of Ageing and Development</i> , 2020, 189, 111267. | 2.2 | 15 |
| 17 | Epigenetic control of natriuretic peptides: implications for health and disease. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 5121-5130. | 2.4 | 15 |
| 18 | Trehalose, a natural disaccharide, reduces stroke occurrence in the stroke-prone spontaneously hypertensive rat. <i>Pharmacological Research</i> , 2021, 173, 105875. | 3.1 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 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. <i>Journal of Hypertension</i> , 2017, 35, 1857-1871. | 0.3 | 14 |
| 20 | Association of a single nucleotide polymorphism of the NPR3 gene promoter with early onset ischemic stroke in an Italian cohort. <i>European Journal of Internal Medicine</i> , 2013, 24, 80-82. | 1.0 | 13 |
| 21 | C2238/±ANP modulates apolipoprotein E through Egr-1/miR199a in vascular smooth muscle cells in vitro. <i>Cell Death and Disease</i> , 2015, 6, e2033-e2033. | 2.7 | 13 |
| 22 | Brain Overexpression of Uncoupling Protein-2 (UCP2) Delays Renal Damage and Stroke Occurrence in Stroke-Prone Spontaneously Hypertensive Rats. <i>International Journal of Molecular Sciences</i> , 2020, 21, 4289. | 1.8 | 12 |
| 23 | A Decrease of Brain MicroRNA-122 Level Is an Early Marker of Cerebrovascular Disease in the Stroke-Prone Spontaneously Hypertensive Rat. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-13. | 1.9 | 11 |
| 24 | Common genetic variants in selected Ca ²⁺ signaling genes and the risk of appropriate ICD interventions in patients with heart failure. <i>Journal of Interventional Cardiac Electrophysiology</i> , 2013, 38, 169-177. | 0.6 | 10 |
| 25 | The C2238/±ANP Variant Is a Negative Modulator of Both Viability and Function of Coronary Artery Smooth Muscle Cells. <i>PLoS ONE</i> , 2014, 9, e113108. | 1.1 | 10 |
| 26 | Aminoterminal natriuretic peptides and cardiovascular risk in an Italian male adult cohort. <i>International Journal of Cardiology</i> , 2011, 152, 245-246. | 0.8 | 9 |
| 27 | T2238C ANP gene variant and risk of recurrent acute coronary syndromes in an Italian cohort of ischemic heart disease patients. <i>Journal of Cardiovascular Medicine</i> , 2016, 17, 601-607. | 0.6 | 9 |
| 28 | Differential Expression of Sphingolipid Metabolizing Enzymes in Spontaneously Hypertensive Rats: A Possible Substrate for Susceptibility to Brain and Kidney Damage. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3796. | 1.8 | 8 |
| 29 | T2238C Atrial Natriuretic Peptide Gene Variant and the Response to Antiplatelet Therapy in Stable Ischemic Heart Disease Patients. <i>Journal of Cardiovascular Translational Research</i> , 2018, 11, 36-41. | 1.1 | 7 |
| 30 | Natriuretic Peptides, Cognitive Impairment and Dementia: An Intriguing Pathogenic Link with Implications in Hypertension. <i>Journal of Clinical Medicine</i> , 2020, 9, 2265. | 1.0 | 7 |
| 31 | RyR2 Common Gene Variant G1886S and the Risk of Ventricular Arrhythmias in ICD Patients with Heart Failure. <i>Journal of Cardiovascular Electrophysiology</i> , 2015, 26, 656-661. | 0.8 | 4 |
| 32 | Impact of a NDUFC2 Variant on the Occurrence of Acute Coronary Syndromes. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, . | 1.1 | 3 |
| 33 | Relevance of stromal interaction molecule 1 (STIM1) in experimental and human stroke. <i>Pflugers Archiv European Journal of Physiology</i> , 2021, , 1. | 1.3 | 2 |
| 34 | T2238C atrial natriuretic peptide gene variant and cardiovascular events in patients with atrial fibrillation: A substudy from the ATHERO-AF cohort. <i>International Journal of Cardiology</i> , 2021, 322, 245-249. | 0.8 | 1 |
| 35 | Role of Uncoupling Protein 2 Gene Polymorphisms on the Risk of Ischemic Stroke in a Sardinian Population. <i>Life</i> , 2022, 12, 721. | 1.1 | 1 |