

# MarÃ-a Esther Rubio-Ruiz

## List of Publications by Year in descending order

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Version: 2024-02-01

29  
papers

1,162  
citations

566801

15  
h-index

476904

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2288  
citing authors

#	ARTICLE	IF	CITATIONS
1	Low-Grade Systemic Inflammation Connects Aging, Metabolic Syndrome and Cardiovascular Disease. <i>Interdisciplinary Topics in Gerontology</i> , 2015, 40, 99-106.	3.6	190
2	Oxidative Stress, Plant Natural Antioxidants, and Obesity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1786.	1.8	163
3	Reductive Stress in Inflammation-Associated Diseases and the Pro-Oxidant Effect of Antioxidant Agents. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2098.	1.8	150
4	Mechanisms Underlying Metabolic Syndrome-Related Sarcopenia and Possible Therapeutic Measures. <i>International Journal of Molecular Sciences</i> , 2019, 20, 647.	1.8	90
5	Relation of aging and sex hormones to metabolic syndrome and cardiovascular disease. <i>Experimental Gerontology</i> , 2011, 46, 517-523.	1.2	77
6	Aging in blood vessels. Medicinal agents FOR systemic arterial hypertension in the elderly. <i>Ageing Research Reviews</i> , 2014, 18, 132-147.	5.0	61
7	Nitrosative Stress and Its Association with Cardiometabolic Disorders. <i>Molecules</i> , 2020, 25, 2555.	1.7	61
8	Resveratrol and Quercetin Administration Improves Antioxidant DEFENSES and reduces Fatty Liver in Metabolic Syndrome Rats. <i>Molecules</i> , 2019, 24, 1297.	1.7	49
9	The Effect of Resveratrol and Quercetin Treatment on PPAR Mediated Uncoupling Protein (UCP-) 1, 2, and 3 Expression in Visceral White Adipose Tissue from Metabolic Syndrome Rats. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1069.	1.8	40
10	The Combination of Resveratrol and Quercetin Attenuates Metabolic Syndrome in Rats by Modifying the Serum Fatty Acid Composition and by Upregulating SIRT 1 and SIRT 2 Expression in White Adipose Tissue. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-9.	0.5	39
11	Effect of the Aged Garlic Extract on Cardiovascular Function in Metabolic Syndrome Rats. <i>Molecules</i> , 2016, 21, 1425.	1.7	30
12	Early Programming of Adult Systemic Essential Hypertension. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1203.	1.8	28
13	Rosiglitazone, a Ligand to PPAR $\alpha$ , Improves Blood Pressure and Vascular Function through Renin-Angiotensin System Regulation. <i>PPAR Research</i> , 2019, 2019, 1-12.	1.1	24
14	Fenofibrate Therapy Restores Antioxidant Protection and Improves Myocardial Insulin Resistance in a Rat Model of Metabolic Syndrome and Myocardial Ischemia: The Role of Angiotensin II. <i>Molecules</i> , 2017, 22, 31.	1.7	20
15	Medicinal Agents and Metabolic Syndrome. <i>Current Medicinal Chemistry</i> , 2013, 20, 2626-2640.	1.2	19
16	Extracts of <i>Crataegus oxyacantha</i> and <i>Rosmarinus officinalis</i> Attenuate Ischemic Myocardial Damage by Decreasing Oxidative Stress and Regulating the Production of Cardiac Vasoactive Agents. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2412.	1.8	17
17	Glycation does not modify bovine serum albumin (BSA)-induced reduction of rat aortic relaxation: The response to glycated and nonglycated BSA is lost in metabolic syndrome. <i>Glycobiology</i> , 2008, 18, 517-525.	1.3	15
18	Short-Term Exposure to High Sucrose Levels near Weaning Has a Similar Long-Lasting Effect on Hypertension as a Long-Term Exposure in Rats. <i>Nutrients</i> , 2018, 10, 728.	1.7	13

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19	Non-steroidal anti-inflammatory drugs attenuate the vascular responses in aging metabolic syndrome rats. <i>Acta Pharmacologica Sinica</i> , 2014, 35, 1364-1374.	2.8	12
20	Oxidative, Reductive, and Nitrosative Stress Effects on Epigenetics and on Posttranslational Modification of Enzymes in Cardiometabolic Diseases. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-19.	1.9	12
21	Effect of a Resveratrol/Quercetin Mixture on the Reversion of Hypertension Induced by a Short-Term Exposure to High Sucrose Levels Near Weaning and a Long-Term Exposure That Leads to Metabolic Syndrome in Rats. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2231.	1.8	12
22	Modulation of Renal Function in a Metabolic Syndrome Rat Model by Antioxidants in Hibiscus sabdariffa L. <i>Molecules</i> , 2021, 26, 2074.	1.7	10
23	Resveratrol and Quercetin as Regulators of Inflammatory and Purinergic Receptors to Attenuate Liver Damage Associated to Metabolic Syndrome. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8939.	1.8	10
24	Effect of Sucrose Ingestion at the End of a Critical Window that Increases Hypertension Susceptibility on Peripheral Mechanisms Regulating Blood Pressure in Rats. Role of Sirtuins 1 and 3. <i>Nutrients</i> , 2019, 11, 309.	1.7	8
25	Oxidative Stress in Plasma from Patients with Marfan Syndrome Is Modulated by Deodorized Garlic Preliminary Findings. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-10.	1.9	4
26	Aortic vasoreactivity during a postnatal critical window of the pancreas in rats. <i>Heart and Vessels</i> , 2010, 25, 248-253.	0.5	3
27	Changes in Angiotensin Receptor Distribution and in Aortic Morphology Are Associated with Blood Pressure Control in Aged Metabolic Syndrome Rats. <i>International Journal of Hypertension</i> , 2016, 2016, 1-11.	0.5	2
28	Nonclassical Axis of the Renin-Angiotensin System and Nephrylsin: Key Mediators That Underlie the Cardioprotective Effect of PPAR-Alpha Activation during Myocardial Ischemia in a Metabolic Syndrome Model. <i>PPAR Research</i> , 2020, 2020, 1-12.	1.1	2
29	High Sucrose Ingestion during a Critical Period of Vessel Development Promotes the Synthetic Phenotype of Vascular Smooth Muscle Cells and Modifies Vascular Contractility Leading to Hypertension in Adult Rats. <i>International Journal of Hypertension</i> , 2022, 2022, 1-12.	0.5	1