

Verónica Guarner-Lans

List of Publications by Year in descending order

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Version: 2024-02-01

81
papers

1,736
citations

279487

23
h-index

315357

38
g-index

86
all docs

86
docs citations

86
times ranked

2761
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	TRPV1 Contributes to Modulate the Nitric Oxide Pathway and Oxidative Stress in the Isolated and Perfused Rat Heart during Ischemia and Reperfusion. <i>Molecules</i> , 2022, 27, 1031.	1.7	4
3	Interconnection between Cardiac Cachexia and Heart Failure – Protective Role of Cardiac Obesity. <i>Cells</i> , 2022, 11, 1039.	1.8	8
4	Hyperglycemia and Loss of Redox Homeostasis in COVID-19 Patients. <i>Cells</i> , 2022, 11, 932.	1.8	22
5	Beneficial Effects of Fructooligosaccharides Esterified with Lauric Acid in a Metabolic Syndrome Model Induced by a High-Fat and High-Carbohydrate Diet in Wistar Rats. <i>Journal of Medicinal Food</i> , 2022, 25, 828-835.	0.8	7
6	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
7	Antioxidants and pentoxifylline as coadjuvant measures to standard therapy to improve prognosis of patients with pneumonia by COVID-19. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 1379-1390.	1.9	45
8	Correlation Between Cardiac Computed Tomography and Histopathology for Evaluating Patients with Aortic Valve Disease. <i>Academic Radiology</i> , 2021, , .	1.3	0
9	Oxidative Stress, Plant Natural Antioxidants, and Obesity. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1786.	1.8	163
10	Modulation of Renal Function in a Metabolic Syndrome Rat Model by Antioxidants in <i>Hibiscus sabdariffa</i> L. <i>Molecules</i> , 2021, 26, 2074.	1.7	10
11	Alteration in the Lipid Profile and the Desaturases Activity in Patients With Severe Pneumonia by SARS-CoV-2. <i>Frontiers in Physiology</i> , 2021, 12, 667024.	1.3	32
12	Role of the Transient Receptor Potential Vanilloid Type 1 (TRPV1) in the Regulation of Nitric Oxide Release in Wistar Rat Aorta. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-8.	1.9	1
13	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
14	The kidnapping of mitochondrial function associated with the SARS-CoV-2 infection. <i>Histology and Histopathology</i> , 2021, , 18354.	0.5	14
15	Usefulness of Antioxidants as Adjuvant Therapy for Septic Shock: A Randomized Clinical Trial. <i>Medicina (Lithuania)</i> , 2020, 56, 619.	0.8	29
16	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
17	Is Antioxidant Therapy a Useful Complementary Measure for Covid-19 Treatment? An Algorithm for Its Application. <i>Medicina (Lithuania)</i> , 2020, 56, 386.	0.8	56
18	Nitrosative Stress and Its Association with Cardiometabolic Disorders. <i>Molecules</i> , 2020, 25, 2555.	1.7	61

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19	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
20	Early Programming of Adult Systemic Essential Hypertension. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1203.	1.8	28
21	Oxidant/Antioxidant Profile in the Thoracic Aneurysm of Patients with the Loeys-Dietz Syndrome. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	1.9	24
22	Alteration of the Fatty Acid Metabolism in the Rat Kidney Caused by the Injection of Serum from Patients with Collapsing Glomerulopathy. <i>Biomedicines</i> , 2020, 8, 388.	1.4	2
23	Historical review of the Department of Physiology on the 75th anniversary of the Instituto Nacional de Cardiología â€œIgnacio ChÃ¡vezâ€. <i>Archivos De CardiologÃ­a De MÃ©xico (English Ed Internet)</i> , 2020, 90, 199-204.	0.1	0
24	ReseÃ±a histÃ³rica del Departamento de FisiologÃ­a en el 75 aniversario del Instituto Nacional de CardiologÃ­a â€œIgnacio ChÃ¡vezâ€. <i>Archivos De Cardiologia De Mexico</i> , 2020, 90, 216-221.	0.1	0
25	Polymorphisms C677T and A1298C of <i>MTHFR</i> Gene: Homocysteine Levels and Prothrombotic Biomarkers in Coronary and Pulmonary Thromboembolic Disease. <i>Clinical and Applied Thrombosis/Hemostasis</i> , 2019, 25, 107602961878034.	0.7	27
26	Intra-Abdominal Fat Adipocyte Hypertrophy through a Progressive Alteration of Lipolysis and Lipogenesis in Metabolic Syndrome Rats. <i>Nutrients</i> , 2019, 11, 1529.	1.7	14
27	Effect of oophorosalingo-hysterectomy on serum antioxidant enzymes in female dogs. <i>Scientific Reports</i> , 2019, 9, 9674.	1.6	10
28	The Role of the Activation of the TRPV1 Receptor and of Nitric Oxide in Changes in Endothelial and Cardiac Function and Biomarker Levels in Hypertensive Rats. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3576.	1.2	14
29	Comparison of the amount and patterns of late enhancement in Chagas disease according to the presence and type of ventricular tachycardia. <i>Journal of Cardiovascular Electrophysiology</i> , 2019, 30, 1517-1525.	0.8	5
30	Resveratrol and Quercetin Administration Improves Antioxidant DEFENSES and reduces Fatty Liver in Metabolic Syndrome Rats. <i>Molecules</i> , 2019, 24, 1297.	1.7	49
31	Myocardial Protection from Ischemia-Reperfusion Damage by the Antioxidant Effect of <i>Hibiscus sabdariffa</i> Linnaeus on Metabolic Syndrome Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-13.	1.9	14
32	Mechanisms Underlying Metabolic Syndrome-Related Sarcopenia and Possible Therapeutic Measures. <i>International Journal of Molecular Sciences</i> , 2019, 20, 647.	1.8	90
33	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
34	Preliminary analysis of the association of TRPV1 to the formation of Marfan syndrome aneurysms. <i>Histology and Histopathology</i> , 2019, 34, 1329-1343.	0.5	3
35	Report of a Case of Thrombocytopenic Syndrome with Radius Aplasia with a 16 Year Follow up in Celaya, Mexico, and Review of Literature. <i>Journal of Pediatrics Perinatology and Child Health</i> , 2019, 03, .	0.0	0
36	Atrial septal defect closure with the new Cardia Ultrasept IIâ„¢ device with interposed Goretex patch: Mexican experience â€œ has the perforation of Ivalonâ€™s membrane been solved?. <i>Cardiology in the Young</i> , 2018, 28, 709-714.	0.4	6

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37	Epigenetic Programming of Synthesis, Release, and/or Receptor Expression of Common Mediators Participating in the Risk/Resilience for Comorbid Stress-Related Disorders and Coronary Artery Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1224.	1.8	41
38	Age-, Gender-, and in Vivo Different Doses of Isoproterenol Modify in Vitro Aortic Vasoreactivity and Circulating VCAM-1. <i>Frontiers in Physiology</i> , 2018, 9, 20.	1.3	3
39	Participation of Arachidonic Acid Metabolism in the Aortic Aneurysm Formation in Patients with Marfan Syndrome. <i>Frontiers in Physiology</i> , 2018, 9, 77.	1.3	16
40	Vascular Hyperactivity in the Rat Renal Aorta Participates in the Association between Immune Complex-Mediated Glomerulonephritis and Systemic Hypertension. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1164.	1.2	2
41	Epigenetics of Subcellular Structure Functioning in the Origin of Risk or Resilience to Comorbidity of Neuropsychiatric and Cardiometabolic Disorders. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1456.	1.8	9
42	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
43	AB0655 Agreement between 18-fdg pet/ct and clinimetric takayasu activity scores. , 2018, , .		0
44	Pre- and post-surgical evaluation of the inflammatory response in patients with aortic stenosis treated with different types of prosthesis. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 100.	0.7	7
45	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
46	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
47	Glutathione system participation in thoracic aneurysms from patients with Marfan syndrome. <i>Vasa - European Journal of Vascular Medicine</i> , 2017, 46, 177-186.	0.6	21
48	Infusion of <i>Hibiscus sabdariffa</i> L. Modulates Oxidative Stress in Patients with Marfan Syndrome. <i>Mediators of Inflammation</i> , 2016, 2016, 1-12.	1.4	17
49	Effect of Cross-Sex Hormonal Replacement on Antioxidant Enzymes in Rat Retroperitoneal Fat Adipocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-12.	1.9	10
50	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
51	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
52	Effect of the Aged Garlic Extract on Cardiovascular Function in Metabolic Syndrome Rats. <i>Molecules</i> , 2016, 21, 1425.	1.7	30
53	PM091 Structural Changes in the Left Ventricle Induced by High Sucrose Ingestion in Rats. Partial Prevention or Reversal by Exercise. , 2016, 11, e86.		0
54	Importance of Metabolic Memory in the Development of Vascular Complications in Diabetic Patients. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2016, 30, 1369-1378.	0.6	15

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55	Participation of oleic acid in the formation of the aortic aneurysm in Marfan syndrome patients. Prostaglandins and Other Lipid Mediators, 2016, 123, 46-55.	1.0	18
56	Beneficial Effects of the Amino Acid Glycine. Mini-Reviews in Medicinal Chemistry, 2016, 17, 15-32.	1.1	54
57	GCSF Partially Repairs Heart Damage Induced by Repetitive β^2 -adrenergic Stimulation in Mice: Potential Role of the Mobilized Bone Marrow-derived Cells. International Journal of Pharmacology, 2016, 12, 689-700.	0.1	2
58	17 β Estradiol Modulates Perfusion Pressure and Expression of 5-LOX and CYP450 4A in the Isolated Kidney of Metabolic Syndrome Female Rats. International Journal of Endocrinology, 2015, 2015, 1-11.	0.6	6
59	An Evolutionary Perspective of Nutrition and Inflammation as Mechanisms of Cardiovascular Disease. International Journal of Evolutionary Biology, 2015, 2015, 1-10.	1.0	30
60	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. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	0.5	39
61	Analysis of Oxidative Stress Enzymes and Structural and Functional Proteins on Human Aortic Tissue from Different Aortopathies. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-13.	1.9	42
62	Non-steroidal anti-inflammatory drugs attenuate the vascular responses in aging metabolic syndrome rats. Acta Pharmacologica Sinica, 2014, 35, 1364-1374.	2.8	12
63	Modulation of the Activities of Catalase, Cu-Zn, Mn Superoxide Dismutase, and Glutathione Peroxidase in Adipocyte from Ovariectomised Female Rats with Metabolic Syndrome. International Journal of Endocrinology, 2014, 2014, 1-10.	0.6	25
64	Aging in blood vessels. Medicinal agents FOR systemic arterial hypertension in the elderly. Ageing Research Reviews, 2014, 18, 132-147.	5.0	61
65	Angiotensin II and 1-7 during aging in Metabolic Syndrome rats. Expression of AT1, AT2 and Mas receptors in abdominal white adipose tissue. Peptides, 2014, 57, 101-108.	1.2	28
66	Medicinal Agents and Metabolic Syndrome. Current Medicinal Chemistry, 2013, 20, 2626-2640.	1.2	19
67	Modulation of Oxidative Stress in Fatty Liver of Rat with Metabolic Syndrome by Hibiscus Sabdariffa. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2013, 13, 196-205.	0.5	4
68	Sex Steroid Hormones, Cardiovascular Diseases and The Metabolic Syndrome. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2011, 9, 137-146.	0.4	32
69	Relation of aging and sex hormones to metabolic syndrome and cardiovascular disease. Experimental Gerontology, 2011, 46, 517-523.	1.2	77
70	Sex Hormones, Metabolic Syndrome and Kidney. Current Topics in Medicinal Chemistry, 2011, 11, 1694-1705.	1.0	16
71	Aortic vasoreactivity during a postnatal critical window of the pancreas in rats. Heart and Vessels, 2010, 25, 248-253.	0.5	3
72	Insulin effect on glucose transport in thymocytes and splenocytes from rats with metabolic syndrome. Diabetology and Metabolic Syndrome, 2010, 2, 64.	1.2	11

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73	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
74	Temperature effect on contractile activity of the <i>Ambystoma dumerilii</i> heart previously treated with isoproterenol. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2007, 147, 743-749.	0.8	4
75	Participation of glucose transporters on atrial natriuretic peptide-induced glucose uptake by adult and neonatal cardiomyocytes under oxygenation and hypoxia. <i>European Journal of Pharmacology</i> , 2007, 568, 83-88.	1.7	5
76	Effect of age on insulin-induced endothelin release and vasoreactivity in hypertriglyceridemic and hypertensive rats. <i>Experimental Gerontology</i> , 2006, 41, 282-288.	1.2	20
77	Endothelin-1 and functional tissue factor: a possible relationship with severity in primary pulmonary hypertension. <i>Heart and Vessels</i> , 2003, 18, 12-17.	0.5	14
78	Effects of polarizing solution on glucose uptake of rat oxygenated or hypoxic ventricular myocytes. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2003, 30, 64-71.	0.9	6
79	Effect of Glucose and Fatty Acid Availability on Neonatal and Adult Heart Contractility. <i>Neonatology</i> , 2002, 82, 39-45.	0.9	6
80	Coronary and femoral arterial contraction with high glucose, insulin, and glucose-insulin-potassium solution: effects of hypoxia. <i>Heart and Vessels</i> , 2002, 16, 57-63.	0.5	4
81	Effects of alpha adrenergic stimulation on time independent potassium current of isolated ventricular myocytes. <i>Life Sciences</i> , 1995, 56, 1407-1414.	2.0	2