

# Monica Galleano

## List of Publications by Year in descending order

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Version: 2024-02-01

47  
papers

2,532  
citations

257101

24  
h-index

233125

45  
g-index

48  
all docs

48  
docs citations

48  
times ranked

3755  
citing authors

#	ARTICLE	IF	CITATIONS
1	Basic biochemical mechanisms behind the health benefits of polyphenols. <i>Molecular Aspects of Medicine</i> , 2010, 31, 435-445.	2.7	549
2	Antioxidant actions of flavonoids: Thermodynamic and kinetic analysis. <i>Archives of Biochemistry and Biophysics</i> , 2010, 501, 23-30.	1.4	190
3	Cytotoxicity and Apoptosis Produced by Arachidonic Acid in Hep G2 Cells Overexpressing Human Cytochrome P4502E1. <i>Journal of Biological Chemistry</i> , 1997, 272, 14532-14541.	1.6	173
4	In vitro measurements and interpretation of total antioxidant capacity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 931-934.	1.1	124
5	Flavonoids and metabolic syndrome. <i>Annals of the New York Academy of Sciences</i> , 2012, 1259, 87-94.	1.8	108
6	Hypertension, Nitric Oxide, Oxidants, and Dietary Plant Polyphenols. <i>Current Pharmaceutical Biotechnology</i> , 2010, 11, 837-848.	0.9	106
7	Cocoa, Chocolate, and Cardiovascular Disease. <i>Journal of Cardiovascular Pharmacology</i> , 2009, 54, 483-490.	0.8	91
8	(-)-Epicatechin reduces blood pressure and improves vasorelaxation in spontaneously hypertensive rats by NO-mediated mechanism. <i>IUBMB Life</i> , 2013, 65, 710-715.	1.5	76
9	Cocoa flavanols: effects on vascular nitric oxide and blood pressure. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2010, 48, 63-67.	0.6	75
10	Dietary (-)-epicatechin mitigates oxidative stress, NO metabolism alterations, and inflammation in renal cortex from fructose-fed rats. <i>Free Radical Biology and Medicine</i> , 2016, 90, 35-46.	1.3	74
11	LPS-induced renal inflammation is prevented by (-)-epicatechin in rats. <i>Redox Biology</i> , 2017, 11, 342-349.	3.9	66
12	Plant bioactives and redox signaling: (-)-Epicatechin as a paradigm. <i>Molecular Aspects of Medicine</i> , 2018, 61, 31-40.	2.7	62
13	ESR characterization of thallium(III)-mediated nitronox oxidation. <i>Inorganica Chimica Acta</i> , 2009, 362, 2305-2310.	1.2	59
14	Blood pressure-lowering effect of dietary (-)-epicatechin administration in L-NAME-treated rats is associated with restored nitric oxide levels. <i>Free Radical Biology and Medicine</i> , 2012, 53, 1894-1902.	1.3	56
15	Amaranth Peptides from Simulated Gastrointestinal Digestion: Antioxidant Activity Against Reactive Species. <i>Plant Foods for Human Nutrition</i> , 2015, 70, 27-34.	1.4	55
16	Tumor necrosis factor alpha pathways develops liver apoptosis in type 1 diabetes mellitus. <i>Molecular Immunology</i> , 2011, 48, 1397-1407.	1.0	53
17	Nitric oxide and iron: effect of iron overload on nitric oxide production in endotoxemia. <i>Molecular Aspects of Medicine</i> , 2004, 25, 141-154.	2.7	52
18	Hepatic chemiluminescence and lipid peroxidation in mild iron overload. <i>Toxicology</i> , 1992, 76, 27-38.	2.0	50

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19	Ascorbyl radical/ascorbate ratio in plasma from iron overloaded rats as oxidative stress indicator. <i>Toxicology Letters</i> , 2002, 133, 193-201.	0.4	45
20	( $\hat{\alpha}$ )-Epicatechin reduces blood pressure increase in high-fructose-fed rats: effects on the determinants of nitric oxide bioavailability. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 745-751.	1.9	44
21	Dietary $\hat{\alpha}$ -tocopherol supplementation on antioxidant defenses after in vivo iron overload in rats. <i>Toxicology</i> , 1997, 124, 73-81.	2.0	41
22	Iron-induced changes in nitric oxide and superoxide radical generation in rat liver after lindane or thyroid hormone treatment. <i>Toxicology Letters</i> , 2001, 119, 87-93.	0.4	30
23	Effects of Iron Overload and Lindane Intoxication in Relation to Oxidative Stress, Kupffer Cell Function, and Liver Injury in the Rat. <i>Toxicology and Applied Pharmacology</i> , 2001, 170, 23-28.	1.3	26
24	( $\hat{\alpha}$ )-Epicatechin prevents alterations in the metabolism of superoxide anion and nitric oxide in the hearts of l-NAME-treated rats. <i>Food and Function</i> , 2015, 6, 154-160.	2.1	25
25	Dietary ( $\hat{\alpha}$ )-epicatechin affects NF- $\hat{\kappa}$ B activation and NADPH oxidases in the kidney cortex of high-fructose-fed rats. <i>Food and Function</i> , 2019, 10, 26-32.	2.1	25
26	Identification, cloning and characterization of an aldo-keto reductase from <i>Trypanosoma cruzi</i> with quinone oxido-reductase activity. <i>Molecular and Biochemical Parasitology</i> , 2010, 173, 132-141.	0.5	24
27	Modifications in nitric oxide and superoxide anion metabolism induced by fructose overload in rat heart are prevented by ( $\hat{\alpha}$ )-epicatechin. <i>Food and Function</i> , 2016, 7, 1876-1883.	2.1	24
28	Time course study of the influence of acute iron overload on kupffer cell functioning and hepatotoxicity assessed in the isolated perfused rat liver. <i>Hepatology</i> , 1998, 27, 1311-1316.	3.6	22
29	Liver preconditioning induced by iron in a rat model of ischemia/reperfusion. <i>Life Sciences</i> , 2011, 89, 221-228.	2.0	22
30	Effects of quercetin on heart nitric oxide metabolism in l-NAME treated rats. <i>Archives of Biochemistry and Biophysics</i> , 2018, 647, 47-53.	1.4	22
31	Linking biomarkers of oxidative stress and disease with flavonoid consumption: From experimental models to humans. <i>Redox Biology</i> , 2021, 42, 101914.	3.9	21
32	Adriamycin effects on hydroperoxide metabolism and growth of human breast tumor cells. <i>Breast Cancer Research and Treatment</i> , 1990, 17, 145-153.	1.1	20
33	Mild iron overload effect on rat liver nuclei. <i>Toxicology</i> , 1994, 93, 125-134.	2.0	15
34	Novel o-naphthoquinones induce apoptosis of EL-4 T lymphoma cells through the increase of reactive oxygen species. <i>Toxicology in Vitro</i> , 2013, 27, 2094-2104.	1.1	14
35	Nitric oxide and iron overload Limitations of ESR detection by DETC. <i>Toxicology</i> , 2001, 167, 199-205.	2.0	12
36	In vivo supplementation with Ginkgo biloba protects membranes against lipid peroxidation. <i>Phytotherapy Research</i> , 2007, 21, 735-740.	2.8	12

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37	(âˆ™)-Epicatechin administration protects kidneys against modifications induced by short-term NAME treatment in rats. <i>Food and Function</i> , 2020, 11, 318-327.	2.1	12
38	Fructose increases corticosterone production in association with NADPH metabolism alterations in rat epididymal white adipose tissue. <i>Journal of Nutritional Biochemistry</i> , 2017, 46, 109-116.	1.9	9
39	Understanding the Clausius-Clapeyron Equation by Employing an Easily Adaptable Pressure Cooker. <i>Journal of Chemical Education</i> , 2008, 85, 276.	1.1	8
40	(âˆ™)-Epicatechin and cardiometabolic risk factors: a focus on potential mechanisms of action. <i>Pflugers Archiv European Journal of Physiology</i> , 2022, 474, 99-115.	1.3	8
41	Resistance of rat kidney mitochondrial membranes to oxidation induced by acute iron overload. <i>Toxicology</i> , 1994, 88, 141-149.	2.0	7
42	Mechanism of action of novel naphthofuranquinones on rat liver microsomal peroxidation. <i>Chemico-Biological Interactions</i> , 2009, 182, 213-219.	1.7	6
43	Fe Allocation in Liver during Early Stages of Endotoxemia in Fe-Overload Rats. <i>Toxicologic Pathology</i> , 2011, 39, 1075-1083.	0.9	6
44	Lipopolysaccharide (LPS) induction of nitric oxide synthase-2 and cyclooxygenase-2 is impaired in fructose overloaded rats. <i>Life Sciences</i> , 2011, 88, 307-313.	2.0	5
45	(âˆ™)-Epicatechin protects thoracic aortic perivascular adipose tissue from whitening in high-fat fed mice. <i>Food and Function</i> , 2020, 11, 5944-5954.	2.1	2
46	Towards the Elucidation of the Role of the Chloride Anion in Arterial Hypertension: Its Link with Oxidative Damage in the Kidney. , 2021, 89, 96-104.		0
47	Does hepatomegaly alter iron-dependent oxidative effects in human plasma?. <i>Human and Experimental Toxicology</i> , 2003, 22, 401-5.	1.1	0