

# Marta Viana

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,248  
citations

471061

17  
h-index

377514

34  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1930  
citing authors

#	ARTICLE	IF	CITATIONS
1	Increased inflammation, oxidative stress and mitochondrial respiration in brown adipose tissue from obese mice. <i>Scientific Reports</i> , 2017, 7, 16082.	1.6	139
2	Teratogenic effects of diabetes mellitus in the rat. Prevention by vitamin E. <i>Diabetologia</i> , 1996, 39, 1041-1046.	2.9	115
3	In vitro effects of a flavonoid-rich extract on LDL oxidation. <i>Atherosclerosis</i> , 1996, 123, 83-91.	0.4	112
4	Changes in plasma lipids and increased low-density lipoprotein susceptibility to oxidation in pregnancies complicated by gestational diabetes: consequences of obesity. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 1527-1533.	1.5	95
5	Vitamin E reduces adipose tissue fibrosis, inflammation, and oxidative stress and improves metabolic profile in obesity. <i>Obesity</i> , 2015, 23, 1598-1606.	1.5	90
6	Antioxidant and Prooxidant Effects of Ascorbic Acid, Dehydroascorbic Acid and Flavonoids on LDL Submitted to Different Degrees of Oxidation. <i>Free Radical Research</i> , 1997, 27, 619-626.	1.5	78
7	Mechanisms of Impaired Brown Adipose Tissue Recruitment in Obesity. <i>Frontiers in Physiology</i> , 2019, 10, 94.	1.3	78
8	AMP-activated protein kinase mediates effects of oxidative stress on embryo gene expression in a mouse model of diabetic embryopathy. <i>Diabetologia</i> , 2012, 55, 245-254.	2.9	50
9	Oxidative damage in pregnant diabetic rats and their embryos. <i>Free Radical Biology and Medicine</i> , 2000, 29, 1115-1121.	1.3	48
10	Simultaneous determination of vitamins A and E in rat tissues by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1997, 778, 415-420.	1.8	36
11	Implication of Low Level Inflammation in the Insulin Resistance of Adipose Tissue at Late Pregnancy. <i>Endocrinology</i> , 2011, 152, 4094-4105.	1.4	35
12	Vascular Dysfunction in Mother and Offspring During Preeclampsia: Contributions from Latin-American Countries. <i>Current Hypertension Reports</i> , 2017, 19, 83.	1.5	33
13	Teratogenic Actions of Thermally-stressed Culinary Oils in Rats. <i>Free Radical Research</i> , 2002, 36, 1051-1058.	1.5	32
14	Effect of Different Doses of Vitamin E on the Incidence of Malformations in Pregnant Diabetic Rats. <i>Annals of Nutrition and Metabolism</i> , 2003, 47, 6-10.	1.0	31
15	Effects of ergothioneine on diabetic embryopathy in pregnant rats. <i>Food and Chemical Toxicology</i> , 2002, 40, 1751-1755.	1.8	29
16	Short-term vitamin E treatment impairs reactive oxygen species signaling required for adipose tissue expansion, resulting in fatty liver and insulin resistance in obese mice. <i>PLoS ONE</i> , 2017, 12, e0186579.	1.1	28
17	Antioxidants and Oxidative Stress: Focus in Obese Pregnancies. <i>Frontiers in Physiology</i> , 2018, 9, 1569.	1.3	26
18	Pleiotrophin deletion alters glucose homeostasis, energy metabolism and brown fat thermogenic function in mice. <i>Diabetologia</i> , 2019, 62, 123-135.	2.9	20

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19	Increased Low-Density Lipoprotein Susceptibility to Oxidation in Pregnancies and Fetal Growth Restriction. <i>Obstetrics and Gynecology</i> , 2005, 106, 345-351.	1.2	16
20	Brown Adipose Tissue Bioenergetics: A New Methodological Approach. <i>Advanced Science</i> , 2017, 4, 1600274.	5.6	16
21	Beneficial effects of murtilla extract and madecassic acid on insulin sensitivity and endothelial function in a model of diet-induced obesity. <i>Scientific Reports</i> , 2019, 9, 599.	1.6	15
22	Caloric restriction induces H <sub>2</sub> O <sub>2</sub> formation as a trigger of AMPK-eNOS-NO pathway in obese rats: Role for CAMKII. <i>Free Radical Biology and Medicine</i> , 2019, 139, 35-45.	1.3	15
23	Alpha-Tocopherol Concentration in Fetal and Maternal Tissues of Pregnant Rats Supplemented with Alpha-Tocopherol. <i>Annals of Nutrition and Metabolism</i> , 1999, 43, 107-112.	1.0	14
24	Clastogenic and cytotoxic effects of lipid peroxidation products generated in culinary oils submitted to thermal stress. <i>Food and Chemical Toxicology</i> , 2007, 45, 1963-1967.	1.8	14
25	Effects of aldehydes on CD36 expression. <i>Free Radical Research</i> , 2005, 39, 973-977.	1.5	13
26	Relevance of control diet choice in metabolic studies: impact in glucose homeostasis and vascular function. <i>Scientific Reports</i> , 2020, 10, 2902.	1.6	12
27	Adipose tissue and liver lipid metabolism in obese children: role of the body mass index and the presence of acanthosis nigricans. <i>Diabetic Medicine</i> , 2007, 24, 1192-1198.	1.2	11
28	Impact of caloric restriction on AMPK and endoplasmic reticulum stress in peripheral tissues and circulating peripheral blood mononuclear cells from Zucker rats. <i>Journal of Nutritional Biochemistry</i> , 2020, 78, 108342.	1.9	10
29	High levels of maternal total tri-iodothyronine, and low levels of fetal free L-thyroxine and total tri-iodothyronine, are associated with altered deiodinase expression and activity in placenta with gestational diabetes mellitus. <i>PLoS ONE</i> , 2020, 15, e0242743.	1.1	10
30	C21 preserves endothelial function in the thoracic aorta from DIO mice: role for AT <sub>2</sub> , Mas and B <sub>2</sub> receptors. <i>Clinical Science</i> , 2021, 135, 1145-1163.	1.8	8
31	AT <sub>2</sub> R stimulation with C21 prevents arterial stiffening and endothelial dysfunction in the abdominal aorta from mice fed a high-fat diet. <i>Clinical Science</i> , 2021, 135, 2763-2780.	1.8	8
32	Relationship between Alpha-Tocopherol Content in the Different Lipoprotein Fractions in Term Pregnant Women and in Umbilical Cord Blood. <i>Annals of Nutrition and Metabolism</i> , 2004, 48, 146-150.	1.0	6
33	Effect of Acipimox on Plasma Lipids and Glucose/Insulin in Pregnant Rats. <i>International Journal of Experimental Diabetes Research</i> , 2002, 3, 233-239.	1.0	3
34	Prevention of Teratogenesis in Pregnancies of Obese Rats by Vitamin E Supplementation. <i>Antioxidants</i> , 2021, 10, 1173.	2.2	2
35	Intermediary metabolism in pregnancies complicated by gestational diabetes. <i>Series in Maternal-fetal Medicine</i> , 2008, , 35-40.	0.1	0
36	Brown Adipose Tissue in Obesity and Diabetes. , 2020, , 35-54.		0