

Marta Viana

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

35
papers

942
citations

16
h-index

30
g-index

37
ext. papers

1,104
ext. citations

5.6
avg, IF

3.73
L-index

#	Paper	IF	Citations
35	In vitro effects of a flavonoid-rich extract on LDL oxidation. <i>Atherosclerosis</i> , 1996 , 123, 83-91	3.1	107
34	Teratogenic effects of diabetes mellitus in the rat. Prevention by vitamin E. <i>Diabetologia</i> , 1996 , 39, 1041-1046	10.3	101
33	Increased inflammation, oxidative stress and mitochondrial respiration in brown adipose tissue from obese mice. <i>Scientific Reports</i> , 2017 , 7, 16082	4.9	100
32	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, 1527-33	12.7	79
31	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, 619-26	4	70
30	Vitamin E reduces adipose tissue fibrosis, inflammation, and oxidative stress and improves metabolic profile in obesity. <i>Obesity</i> , 2015 , 23, 1598-606	8	57
29	Oxidative damage in pregnant diabetic rats and their embryos. <i>Free Radical Biology and Medicine</i> , 2000 , 29, 1115-21	7.8	43
28	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, 245-54	10.3	41
27	Mechanisms of Impaired Brown Adipose Tissue Recruitment in Obesity. <i>Frontiers in Physiology</i> , 2019 , 10, 94	4.6	38
26	Simultaneous determination of vitamins A and E in rat tissues by high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1997 , 778, 415-20	4.5	31
25	Implication of low level inflammation in the insulin resistance of adipose tissue at late pregnancy. <i>Endocrinology</i> , 2011 , 152, 4094-105	4.8	30
24	Teratogenic actions of thermally-stressed culinary oils in rats. <i>Free Radical Research</i> , 2002 , 36, 1051-8	4	30
23	Effects of ergothioneine on diabetic embryopathy in pregnant rats. <i>Food and Chemical Toxicology</i> , 2002 , 40, 1751-5	4.7	28
22	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	4.5	25
21	Vascular Dysfunction in Mother and Offspring During Preeclampsia: Contributions from Latin-American Countries. <i>Current Hypertension Reports</i> , 2017 , 19, 83	4.7	21
20	Increased low-density lipoprotein susceptibility to oxidation in pregnancies and fetal growth restriction. <i>Obstetrics and Gynecology</i> , 2005 , 106, 345-51	4.9	16
19	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	3.7	16

18	Antioxidants and Oxidative Stress: Focus in Obese Pregnancies. <i>Frontiers in Physiology</i> , 2018 , 9, 1569	4.6	15
17	Clastogenic and cytotoxic effects of lipid peroxidation products generated in culinary oils submitted to thermal stress. <i>Food and Chemical Toxicology</i> , 2007 , 45, 1963-7	4.7	13
16	Alpha-tocopherol concentration in fetal and maternal tissues of pregnant rats supplemented with alpha-tocopherol. <i>Annals of Nutrition and Metabolism</i> , 1999 , 43, 107-12	4.5	13
15	Effects of aldehydes on CD36 expression. <i>Free Radical Research</i> , 2005 , 39, 973-7	4	12
14	Pleiotrophin deletion alters glucose homeostasis, energy metabolism and brown fat thermogenic function in mice. <i>Diabetologia</i> , 2019 , 62, 123-135	10.3	10
13	Brown Adipose Tissue Bioenergetics: A New Methodological Approach. <i>Advanced Science</i> , 2017 , 4, 16002746	7.4	8
12	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, 1192-8	3.5	8
11	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	4.9	7
10	Caloric restriction induces HO 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	7.8	6
9	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, 146-50	4.5	5
8	Relevance of control diet choice in metabolic studies: impact in glucose homeostasis and vascular function. <i>Scientific Reports</i> , 2020 , 10, 2902	4.9	4
7	Effect of acipimox on plasma lipids and glucose/insulin in pregnant rats. <i>International Journal of Experimental Diabetes Research</i> , 2002 , 3, 233-9		3
6	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	6.3	2
5	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	3.7	2
4	C21 preserves endothelial function in the thoracic aorta from DIO mice: role for AT2, Mas and B2 receptors. <i>Clinical Science</i> , 2021 , 135, 1145-1163	6.5	0
3	Resolución de las alteraciones metabólicas y endocrinológicas asociadas a la lipodistrofia congénita tras el tratamiento con leptina. <i>Endocrinología Y Nutricion: Organo De La Sociedad Espanola De Endocrinología Y Nutricion</i> , 2005 , 52, 374-378		
2	Brown Adipose Tissue in Obesity and Diabetes 2020 , 35-54		
1	Intermediary metabolism in pregnancies complicated by gestational diabetes. <i>Series in Maternal-fetal Medicine</i> , 2008 , 35-40		

