

# Carmen Cm Vazquez

## List of Publications by Citations

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80  
papers

1,638  
citations

23  
h-index

38  
g-index

86  
ext. papers

1,847  
ext. citations

4.7  
avg, IF

4.29  
L-index

#	Paper	IF	Citations
80	Antioxidant enzyme activity and lipid peroxidation in liver and kidney of rats exposed to microcystin-LR administered intraperitoneally. <i>Toxicol</i> , <b>2005</b> , 45, 395-402	2.8	217
79	Toxic cyanobacterial cells containing microcystins induce oxidative stress in exposed tilapia fish ( <i>Oreochromis</i> sp.) under laboratory conditions. <i>Aquatic Toxicology</i> , <b>2005</b> , 72, 261-71	5.1	179
78	Captopril reduces cardiac inflammatory markers in spontaneously hypertensive rats by inactivation of NF- $\kappa$ B. <i>Journal of Inflammation</i> , <b>2010</b> , 7, 21	6.7	88
77	Oxidative stress: Normal pregnancy versus preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165354	6.9	76
76	The role of inflammatory markers in the cardioprotective effect of L-carnitine in L-NAME-induced hypertension. <i>American Journal of Hypertension</i> , <b>2008</b> , 21, 1231-7	2.3	68
75	Comparative effects of captopril and l-carnitine on blood pressure and antioxidant enzyme gene expression in the heart of spontaneously hypertensive rats. <i>European Journal of Pharmacology</i> , <b>2010</b> , 632, 65-72	5.3	51
74	L-carnitine attenuates oxidative stress in hypertensive rats. <i>Journal of Nutritional Biochemistry</i> , <b>2007</b> , 18, 533-40	6.3	42
73	L-carnitine and propionyl-L-carnitine improve endothelial dysfunction in spontaneously hypertensive rats: different participation of NO and COX-products. <i>Life Sciences</i> , <b>2005</b> , 77, 2082-97	6.8	42
72	Influence of microcystin-LR on the activity of membrane enzymes in rat intestinal mucosa. <i>Journal of Physiology and Biochemistry</i> , <b>2003</b> , 59, 293-9	5	41
71	L-Carnitine protects against arterial hypertension-related cardiac fibrosis through modulation of PPAR- $\alpha$ expression. <i>Biochemical Pharmacology</i> , <b>2013</b> , 85, 937-44	6	38
70	Insulin restores L-arginine transport requiring adenosine receptors activation in umbilical vein endothelium from late-onset preeclampsia. <i>Placenta</i> , <b>2015</b> , 36, 287-96	3.4	35
69	Foetoplacental communication via extracellular vesicles in normal pregnancy and preeclampsia. <i>Molecular Aspects of Medicine</i> , <b>2018</b> , 60, 69-80	16.7	34
68	L-carnitine attenuates the development of kidney fibrosis in hypertensive rats by upregulating PPAR- $\alpha$ <i>American Journal of Hypertension</i> , <b>2014</b> , 27, 460-70	2.3	33
67	The renoprotective effect of L-carnitine in hypertensive rats is mediated by modulation of oxidative stress-related gene expression. <i>European Journal of Nutrition</i> , <b>2013</b> , 52, 1649-59	5.2	32
66	Antioxidant activity of propionyl-L-carnitine in liver and heart of spontaneously hypertensive rats. <i>Life Sciences</i> , <b>2006</b> , 78, 1945-52	6.8	32
65	Adenosine and preeclampsia. <i>Molecular Aspects of Medicine</i> , <b>2017</b> , 55, 126-139	16.7	31
64	Liver lipid composition and antioxidant enzyme activities of spontaneously hypertensive rats after ingestion of dietary fats (fish, olive and high-oleic sunflower oils). <i>Bioscience Reports</i> , <b>2001</b> , 21, 271-85	4.1	31

63	Comparative effects of feeding different fats on fatty acid composition of major individual phospholipids of rat hearts. <i>Annals of Nutrition and Metabolism</i> , <b>1990</b> , 34, 350-8	4.5	31
62	Subchronic effects of cyanobacterial cells on the transcription of antioxidant enzyme genes in tilapia ( <i>Oreochromis niloticus</i> ). <i>Ecotoxicology</i> , <b>2011</b> , 20, 479-90	2.9	30
61	Leptin Induces Oxidative Stress Through Activation of NADPH Oxidase in Renal Tubular Cells: Antioxidant Effect of L-Carnitine. <i>Journal of Cellular Biochemistry</i> , <b>2016</b> , 117, 2281-8	4.7	27
60	The protective role of l-carnitine against cylindrospermopsin-induced oxidative stress in tilapia ( <i>Oreochromis niloticus</i> ). <i>Aquatic Toxicology</i> , <b>2013</b> , 132-133, 141-50	5.1	24
59	The therapeutic prospects of using L-carnitine to manage hypertension-related organ damage. <i>Drug Discovery Today</i> , <b>2010</b> , 15, 484-92	8.8	23
58	Influence of dietary cholesterol on polyunsaturated fatty acid composition, fluidity and membrane-bound enzymes in liver microsomes of rats fed olive and fish oil. <i>Biochimie</i> , <b>1992</b> , 74, 551-6	4.6	23
57	Changes in both acyl-CoA:cholesterol acyltransferase activity and microsomal lipid composition in rat liver induced by distal-small-bowel resection. <i>Biochemical Journal</i> , <b>1989</b> , 260, 115-9	3.8	23
56	Inflammatory and fibrotic processes are involved in the cardiotoxic effect of sunitinib: Protective role of L-carnitine. <i>Toxicology Letters</i> , <b>2016</b> , 241, 9-18	4.4	22
55	Systemic antioxidant properties of L-carnitine in two different models of arterial hypertension. <i>Journal of Physiology and Biochemistry</i> , <b>2010</b> , 66, 127-36	5	21
54	Characterization of D-fructose transport by rat kidney brush-border membrane vesicles: changes in hypertensive rats. <i>Cellular and Molecular Life Sciences</i> , <b>2001</b> , 58, 1961-7	10.3	19
53	Lipid composition and fluidity in the jejunal brush-border membrane of spontaneously hypertensive rats. Effects on activities of membrane-bound proteins. <i>Bioscience Reports</i> , <b>1996</b> , 16, 217-26	4.1	18
52	Fatty acid composition and properties of the liver microsomal membrane of rats fed diets enriched with cholesterol. <i>Journal of Biochemistry</i> , <b>1992</b> , 112, 562-7	3.1	18
51	Regulation of sodium-glucose cotransporter SGLT1 in the intestine of hypertensive rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2006</b> , 291, R760-7	3.2	17
50	Endothelium-dependent vasorelaxation induced by L-carnitine in isolated aorta from normotensive and hypertensive rats. <i>Journal of Pharmacy and Pharmacology</i> , <b>2002</b> , 54, 1423-7	4.8	16
49	Developmental changes in glucose transport, lipid composition, and fluidity of jejunal BBM. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>1997</b> , 273, R1086-93	3.2	14
48	Effects of two highly monounsaturated oils on lipid composition and enzyme activities in rat jejunum. <i>Bioscience Reports</i> , <b>2000</b> , 20, 355-68	4.1	13
47	Increased Na(+)-H+ exchanger activity in the ileal brush-border membrane of spontaneously hypertensive rats. <i>Cellular and Molecular Life Sciences</i> , <b>1997</b> , 53, 442-6	10.3	11
46	Decreased monosaccharide transport in renal brush-border membrane vesicles of spontaneously hypertensive rats. <i>Cellular and Molecular Life Sciences</i> , <b>2000</b> , 57, 165-74	10.3	11

45	Changes in fatty acid desaturation in hepatic and intestinal tissues induced by intestinal resection. <i>Lipids</i> , <b>1993</b> , 28, 471-3	1.6	11
44	New therapeutic approaches to treating hypertension in pregnancy. <i>Drug Discovery Today</i> , <b>2012</b> , 17, 1307-15	8.8	10
43	Reproductive Biology of <i>Viscum cruciatum</i> (Viscaceae) in Southern Spain. <i>International Journal of Plant Sciences</i> , <b>1995</b> , 156, 42-49	2.6	10
42	Changes in uptake of linoleic acid and cholesterol by jejunal sacs of rats in vitro, after distal small-bowel resection. <i>Scandinavian Journal of Gastroenterology</i> , <b>1990</b> , 25, 613-21	2.4	10
41	L-carnitine transport in kidney of normotensive, Wistar-Kyoto rats: effect of chronic L-carnitine administration. <i>Pharmaceutical Research</i> , <b>2003</b> , 20, 1133-40	4.5	9
40	Abnormalities in lipid composition of brush-border membranes isolated from renal cortex of spontaneously hypertensive rats. <i>American Journal of Hypertension</i> , <b>2001</b> , 14, 578-84	2.3	9
39	Nitric oxide involved in the IL-1 $\beta$ induced inhibition of fructose intestinal transport. <i>Journal of Cellular Biochemistry</i> , <b>2010</b> , 111, 1321-9	4.7	8
38	Changes in fatty acid composition of rat liver and serum induced by distal small bowel resection. <i>Journal of Nutritional Biochemistry</i> , <b>1990</b> , 1, 299-304	6.3	8
37	Effect of distal small bowel resection on ACAT activity and microsomal lipid composition in rat small intestine. <i>International Journal of Biochemistry &amp; Cell Biology</i> , <b>1990</b> , 22, 1153-7		8
36	Chloride transport in brush-border membrane vesicles from chick jejunum. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1993</b> , 425, 395-400	4.6	7
35	Insulin Therapy in Pregnancy Hypertensive Diseases and its Effect on the Offspring and Mother Later in Life. <i>Current Vascular Pharmacology</i> , <b>2019</b> , 17, 455-464	3.3	7
34	Regional differences in transport, lipid composition, and fluidity of apical membranes of small intestine of chicken. <i>Poultry Science</i> , <b>2002</b> , 81, 537-45	3.9	6
33	Taurocholate transport by brush border membrane vesicles from different regions of chicken intestine. <i>Poultry Science</i> , <b>1998</b> , 77, 594-9	3.9	6
32	Regulation of sugar transport in chicken enterocytes. <i>Biochemical Society Transactions</i> , <b>1993</b> , 21, 479S	5.1	6
31	Lipid composition, phospholipid profile and fatty acid of rat caecal mucosa. <i>Lipids and Lipid Metabolism</i> , <b>1992</b> , 1128, 199-204		6
30	Reduced L-carnitine transport in aortic endothelial cells from spontaneously hypertensive rats. <i>PLoS ONE</i> , <b>2014</b> , 9, e90339	3.7	6
29	Regulation of D-fructose transporter GLUT5 in the ileum of spontaneously hypertensive rats. <i>Journal of Membrane Biology</i> , <b>2004</b> , 199, 173-9	2.3	5
28	Lifestyle, Maternal Nutrition and Healthy Pregnancy. <i>Current Vascular Pharmacology</i> , <b>2021</b> , 19, 132-140	3.3	5

27	l-Carnitine ameliorates the oxidative stress response to angiotensin II by modulating NADPH oxidase through a reduction in protein kinase c activity and NF- $\kappa$ B translocation to the nucleus. <i>Food Chemistry</i> , <b>2017</b> , 228, 356-366	8.5	4
26	Folate transport by prawn hepatopancreas brush-border membrane vesicles. <i>Bioscience Reports</i> , <b>1998</b> , 18, 9-17	4.1	4
25	Ultrastructural and functional changes in the jejunal epithelium of spontaneously hypertensive rats. <i>Life Sciences</i> , <b>2001</b> , 68, 2105-13	6.8	4
24	Increased sodium-dependent D-glucose transport in the jejunal brush-border membrane of spontaneously hypertensive rat. <i>Pflugers Archiv European Journal of Physiology</i> , <b>1996</b> , 432, 329-35	4.6	4
23	Effect of intestinal resection on phospholipid class distribution and fatty acid composition of mucosal cells in the rat large intestine. <i>Journal of Biochemistry</i> , <b>1994</b> , 115, 32-6	3.1	4
22	Effect of benzyl viologen on the phospholipid fatty acid composition and some properties in hepatic microsomal membrane of rats. <i>Molecular and Cellular Biochemistry</i> , <b>1991</b> , 108, 125-31	4.2	4
21	Role of rat large intestine in reducing diarrhea after 50% or 80% distal small bowel resection. <i>Digestive Diseases and Sciences</i> , <b>1989</b> , 34, 1713-9	4	4
20	Caecal and colonic uptake of both linoleic acid and cholesterol in rats following intestinal resection. <i>Lipids</i> , <b>1990</b> , 25, 594-7	1.6	4
19	Distal small bowel resection increases mucosal permeability in the large intestine. <i>Digestion</i> , <b>1988</b> , 40, 168-72	3.6	4
18	Sunitinib-induced oxidative imbalance and retinotoxic effects in rats. <i>Life Sciences</i> , <b>2020</b> , 257, 118072	6.8	4
17	Insulin requires A adenosine receptors to modulate the L-arginine/nitric oxide signalling in the human fetoplacental vascular endothelium from late-onset preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2021</b> , 1867, 165993	6.9	4
16	Phospholipid profile and fatty acid composition of rat cecal mucosa in relation to intestinal resection. <i>Digestion</i> , <b>1997</b> , 58, 161-7	3.6	3
15	In vivo sugar diffusion in the ileal epithelium of spontaneously hypertensive rats. <i>Scandinavian Journal of Gastroenterology</i> , <b>2003</b> , 38, 967-71	2.4	3
14	Morphological and functional abnormalities in the ileum of rats with spontaneous hypertension: studies on SGLT1 protein. <i>Scandinavian Journal of Gastroenterology</i> , <b>2001</b> , 36, 494-501	2.4	3
13	Effect of distal enterectomy on cholesterol and bile salt levels in the rat. <i>Revista Española De Fisiología</i> , <b>1986</b> , 42, 289-94		3
12	Distal small bowel resection does not modify the intestinal 3-hydroxy-3-methylglutaryl CoA reductase activity. <i>Lipids</i> , <b>1988</b> , 23, 730-2	1.6	2
11	Adaptation of electrolytes and fluid transport in rat small and large intestine after distal small bowel resection. <i>Revista Española De Fisiología</i> , <b>1988</b> , 44, 141-5		2
10	Retinoprotective Effect of Wild Olive (Acebuches) Oil-Enriched Diet against Ocular Oxidative Stress Induced by Arterial Hypertension. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	2

9	Mechanism of Vascular Toxicity in Rats Subjected to Treatment with a Tyrosine Kinase Inhibitor. <i>Toxics</i> , <b>2020</b> , 8,	4.7	2
8	Characterization of the lipid and fatty acid composition of rat caecal mucosa: effect of intestinal resection. <i>Experimental and Toxicologic Pathology</i> , <b>1993</b> , 45, 183-8		1
7	NADPH oxidase-induced oxidative stress in the eyes of hypertensive rats. <i>Molecular Vision</i> , <b>2021</b> , 27, 161-178	2.3	1
6	Echinomycin mitigates ocular angiogenesis by transcriptional inhibition of the hypoxia-inducible factor-1. <i>Experimental Eye Research</i> , <b>2021</b> , 206, 108518	3.7	1
5	Impact of maternal nutrition in viral infections during pregnancy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2021</b> , 1867, 166231	6.9	1
4	Daily consumption of wild olive (acebuche) oil reduces blood pressure and ameliorates endothelial dysfunction and vascular remodelling in rats with L-NAME-induced hypertension.. <i>British Journal of Nutrition</i> , <b>2022</b> , 1-31	3.6	0
3	Response to by Briana and Malamitsi-Puchner: Effects of Pregnancy-induced Insulin Resistance on the Fetus and the Future Development of Metabolic Diseases in Adulthood. <i>Current Vascular Pharmacology</i> , <b>2020</b> , 18, 423-424	3.3	
2	Comparison of effects of two different monounsaturated oils on biliary secretion in rats. <i>Nutrition Research</i> , <b>1999</b> , 19, 1097-1112	4	
1	Intestinal resection and ursodeoxycholic acid: effect on hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase and acyl-CoA:cholesterol acyltransferase activities in the rat. <i>Research in Experimental Medicine</i> , <b>1997</b> , 196, 381-7		