

Alfonso Mate

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.

40
papers

1,016
citations

18
h-index

31
g-index

42
ext. papers

1,192
ext. citations

5.2
avg, IF

4.01
L-index

#	Paper	IF	Citations
40	Antioxidant enzyme activity and lipid peroxidation in liver and kidney of rats exposed to microcystin-LR administered intraperitoneally. <i>Toxicol</i> , 2005 , 45, 395-402	2.8	217
39	Captopril reduces cardiac inflammatory markers in spontaneously hypertensive rats by inactivation of NF-kB. <i>Journal of Inflammation</i> , 2010 , 7, 21	6.7	88
38	Oxidative stress: Normal pregnancy versus preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020 , 1866, 165354	6.9	76
37	The role of inflammatory markers in the cardioprotective effect of L-carnitine in L-NAME-induced hypertension. <i>American Journal of Hypertension</i> , 2008 , 21, 1231-7	2.3	68
36	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> , 2010 , 632, 65-72	5.3	51
35	L-carnitine attenuates oxidative stress in hypertensive rats. <i>Journal of Nutritional Biochemistry</i> , 2007 , 18, 533-40	6.3	42
34	L-Carnitine protects against arterial hypertension-related cardiac fibrosis through modulation of PPAR- α expression. <i>Biochemical Pharmacology</i> , 2013 , 85, 937-44	6	38
33	Insulin restores L-arginine transport requiring adenosine receptors activation in umbilical vein endothelium from late-onset preeclampsia. <i>Placenta</i> , 2015 , 36, 287-96	3.4	35
32	Foetoplacental communication via extracellular vesicles in normal pregnancy and preeclampsia. <i>Molecular Aspects of Medicine</i> , 2018 , 60, 69-80	16.7	34
31	L-carnitine attenuates the development of kidney fibrosis in hypertensive rats by upregulating PPAR- α <i>American Journal of Hypertension</i> , 2014 , 27, 460-70	2.3	33
30	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> , 2013 , 52, 1649-59	5.2	32
29	Antioxidant activity of propionyl-L-carnitine in liver and heart of spontaneously hypertensive rats. <i>Life Sciences</i> , 2006 , 78, 1945-52	6.8	32
28	Identification and localization of sodium-phosphate cotransporters in hepatocytes and cholangiocytes of rat liver. <i>American Journal of Physiology - Renal Physiology</i> , 2005 , 288, G771-8	5.1	32
27	Adenosine and preeclampsia. <i>Molecular Aspects of Medicine</i> , 2017 , 55, 126-139	16.7	31
26	Leptin Induces Oxidative Stress Through Activation of NADPH Oxidase in Renal Tubular Cells: Antioxidant Effect of L-Carnitine. <i>Journal of Cellular Biochemistry</i> , 2016 , 117, 2281-8	4.7	27
25	The therapeutic prospects of using L-carnitine to manage hypertension-related organ damage. <i>Drug Discovery Today</i> , 2010 , 15, 484-92	8.8	23
24	Inflammatory and fibrotic processes are involved in the cardiotoxic effect of sunitinib: Protective role of L-carnitine. <i>Toxicology Letters</i> , 2016 , 241, 9-18	4.4	22

23	Systemic antioxidant properties of L-carnitine in two different models of arterial hypertension. <i>Journal of Physiology and Biochemistry</i> , 2010 , 66, 127-36	5	21
22	Regulation of sodium-glucose cotransporter SGLT1 in the intestine of hypertensive rats. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2006 , 291, R760-7	3.2	17
21	Decreased monosaccharide transport in renal brush-border membrane vesicles of spontaneously hypertensive rats. <i>Cellular and Molecular Life Sciences</i> , 2000 , 57, 165-74	10.3	11
20	New therapeutic approaches to treating hypertension in pregnancy. <i>Drug Discovery Today</i> , 2012 , 17, 1307-15	8.8	10
19	In vivo evaluation of activities and expression of antioxidant enzymes in Wistar rats exposed for 90 days to a modified clay. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014 , 77, 456-66	3.2	9
18	L-carnitine transport in kidney of normotensive, Wistar-Kyoto rats: effect of chronic L-carnitine administration. <i>Pharmaceutical Research</i> , 2003 , 20, 1133-40	4.5	9
17	Abnormalities in lipid composition of brush-border membranes isolated from renal cortex of spontaneously hypertensive rats. <i>American Journal of Hypertension</i> , 2001 , 14, 578-84	2.3	9
16	Insulin Therapy in Pregnancy Hypertensive Diseases and its Effect on the Offspring and Mother Later in Life. <i>Current Vascular Pharmacology</i> , 2019 , 17, 455-464	3.3	7
15	Reduced L-carnitine transport in aortic endothelial cells from spontaneously hypertensive rats. <i>PLoS ONE</i> , 2014 , 9, e90339	3.7	6
14	Regulation of D-fructose transporter GLUT5 in the ileum of spontaneously hypertensive rats. <i>Journal of Membrane Biology</i> , 2004 , 199, 173-9	2.3	5
13	Lifestyle, Maternal Nutrition and Healthy Pregnancy. <i>Current Vascular Pharmacology</i> , 2021 , 19, 132-140	3.3	5
12	l-Carnitine ameliorates the oxidative stress response to angiotensin II by modulating NADPH oxidase through a reduction in protein kinase c activity and NF- κ B translocation to the nucleus. <i>Food Chemistry</i> , 2017 , 228, 356-366	8.5	4
11	Ultrastructural and functional changes in the jejunal epithelium of spontaneously hypertensive rats. <i>Life Sciences</i> , 2001 , 68, 2105-13	6.8	4
10	Sunitinib-induced oxidative imbalance and retinotoxic effects in rats. <i>Life Sciences</i> , 2020 , 257, 118072	6.8	4
9	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> , 2021 , 1867, 165993	6.9	4
8	In vivo sugar diffusion in the ileal epithelium of spontaneously hypertensive rats. <i>Scandinavian Journal of Gastroenterology</i> , 2003 , 38, 967-71	2.4	3
7	Retinoprotective Effect of Wild Olive (Acebuche) Oil-Enriched Diet against Ocular Oxidative Stress Induced by Arterial Hypertension. <i>Antioxidants</i> , 2020 , 9,	7.1	2
6	Mechanism of Vascular Toxicity in Rats Subjected to Treatment with a Tyrosine Kinase Inhibitor. <i>Toxics</i> , 2020 , 8,	4.7	2

5	NADPH oxidase-induced oxidative stress in the eyes of hypertensive rats. <i>Molecular Vision</i> , 2021 , 27, 161-178	2.3	1
4	Echinomycin mitigates ocular angiogenesis by transcriptional inhibition of the hypoxia-inducible factor-1. <i>Experimental Eye Research</i> , 2021 , 206, 108518	3.7	1
3	Impact of maternal nutrition in viral infections during pregnancy. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021 , 1867, 166231	6.9	1
2	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> , 2022 , 1-31	3.6	0
1	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> , 2020 , 18, 423-424	3.3	