

# Alfonso Mate

## List of Publications by Year in Descending Order

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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	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
39	NADPH oxidase-induced oxidative stress in the eyes of hypertensive rats. <i>Molecular Vision</i> , <b>2021</b> , 27, 161-178	2.3	1
38	Lifestyle, Maternal Nutrition and Healthy Pregnancy. <i>Current Vascular Pharmacology</i> , <b>2021</b> , 19, 132-140	3.3	5
37	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
36	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
35	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
34	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	
33	Retinoprotective Effect of Wild Olive (Acebuche) Oil-Enriched Diet against Ocular Oxidative Stress Induced by Arterial Hypertension. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	2
32	Sunitinib-induced oxidative imbalance and retinotoxic effects in rats. <i>Life Sciences</i> , <b>2020</b> , 257, 118072	6.8	4
31	Mechanism of Vascular Toxicity in Rats Subjected to Treatment with a Tyrosine Kinase Inhibitor. <i>Toxics</i> , <b>2020</b> , 8,	4.7	2
30	Oxidative stress: Normal pregnancy versus preeclampsia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2020</b> , 1866, 165354	6.9	76
29	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
28	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
27	Adenosine and preeclampsia. <i>Molecular Aspects of Medicine</i> , <b>2017</b> , 55, 126-139	16.7	31
26	l-Carnitine ameliorates the oxidative stress response to angiotensin II by modulating NADPH oxidase through a reduction in protein kinase c activity and NF-B translocation to the nucleus. <i>Food Chemistry</i> , <b>2017</b> , 228, 356-366	8.5	4
25	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
24	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

23	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
22	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
21	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> , <b>2014</b> , 77, 456-66	3.2	9
20	Reduced L-carnitine transport in aortic endothelial cells from spontaneously hypertensive rats. <i>PLoS ONE</i> , <b>2014</b> , 9, e90339	3.7	6
19	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
18	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
17	New therapeutic approaches to treating hypertension in pregnancy. <i>Drug Discovery Today</i> , <b>2012</b> , 17, 1307-15	8.8	10
16	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
15	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
14	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
13	Captopril reduces cardiac inflammatory markers in spontaneously hypertensive rats by inactivation of NF-kB. <i>Journal of Inflammation</i> , <b>2010</b> , 7, 21	6.7	88
12	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
11	L-carnitine attenuates oxidative stress in hypertensive rats. <i>Journal of Nutritional Biochemistry</i> , <b>2007</b> , 18, 533-40	6.3	42
10	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
9	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
8	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
7	Identification and localization of sodium-phosphate cotransporters in hepatocytes and cholangiocytes of rat liver. <i>American Journal of Physiology - Renal Physiology</i> , <b>2005</b> , 288, G771-8	5.1	32
6	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

5	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
4	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
3	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
2	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
1	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