

Joaquin C Surra

List of Publications by Citations

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36
papers

858
citations

17
h-index

28
g-index

37
ext. papers

993
ext. citations

3.6
avg, IF

3.03
L-index

#	Paper	IF	Citations
36	Microarray analysis of hepatic gene expression identifies new genes involved in steatotic liver. <i>Physiological Genomics</i> , 2009 , 37, 187-98	3.6	82
35	Selective effect of conjugated linoleic acid isomers on atherosclerotic lesion development in apolipoprotein E knockout mice. <i>Atherosclerosis</i> , 2006 , 189, 318-27	3.1	79
34	Hydroxytyrosol administration enhances atherosclerotic lesion development in apo E deficient mice. <i>Journal of Biochemistry</i> , 2006 , 140, 383-91	3.1	66
33	Immune-regulation of the apolipoprotein A-I/C-III/A-IV gene cluster in experimental inflammation. <i>Cytokine</i> , 2005 , 31, 52-63	4	65
32	Trans-10, cis-12- and cis-9, trans-11-conjugated linoleic acid isomers selectively modify HDL-apolipoprotein composition in apolipoprotein E knockout mice. <i>Journal of Nutrition</i> , 2006 , 136, 353-9 ¹	4.1	54
31	Current Insights into the Biological Action of Squalene. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800136	5.9	44
30	Squalene in a sex-dependent manner modulates atherosclerotic lesion which correlates with hepatic fat content in apoE-knockout male mice. <i>Atherosclerosis</i> , 2008 , 197, 72-83	3.1	41
29	Olive oil preparation determines the atherosclerotic protection in apolipoprotein E knockout mice. <i>Journal of Nutritional Biochemistry</i> , 2007 , 18, 418-24	6.3	38
28	Cystathionine beta-synthase is essential for female reproductive function. <i>Human Molecular Genetics</i> , 2006 , 15, 3168-76	5.6	33
27	Microarray analysis of hepatic genes differentially expressed in the presence of the unsaponifiable fraction of olive oil in apolipoprotein E-deficient mice. <i>British Journal of Nutrition</i> , 2007 , 97, 628-38	3.6	31
26	Dietary squalene increases high density lipoprotein-cholesterol and paraoxonase 1 and decreases oxidative stress in mice. <i>PLoS ONE</i> , 2014 , 9, e104224	3.7	30
25	Accelerated atherosclerosis in apolipoprotein E-deficient mice fed Western diets containing palm oil compared with extra virgin olive oils: a role for small, dense high-density lipoproteins. <i>Atherosclerosis</i> , 2007 , 194, 372-82	3.1	30
24	Understanding the role of dietary components on atherosclerosis using genetic engineered mouse models. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 955-67	2.8	27
23	Extra virgin olive oil intake delays the development of amyotrophic lateral sclerosis associated with reduced reticulum stress and autophagy in muscle of SOD1G93A mice. <i>Journal of Nutritional Biochemistry</i> , 2014 , 25, 885-92	6.3	24
22	Sex as a profound modifier of atherosclerotic lesion development in apolipoprotein E-deficient mice with different genetic backgrounds. <i>Journal of Atherosclerosis and Thrombosis</i> , 2010 , 17, 712-21	4	24
21	Folic acid supplementation delays atherosclerotic lesion development in apoE-deficient mice. <i>Life Sciences</i> , 2007 , 80, 638-43	6.8	22
20	Dietary oleanolic acid mediates circadian clock gene expression in liver independently of diet and animal model but requires apolipoprotein A1. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 2100-9	6.3	18

19	Apolipoprotein E determines the hepatic transcriptional profile of dietary maslinic acid in mice. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 882-93	6.3	16
18	Postprandial changes in high density lipoproteins in rats subjected to gavage administration of virgin olive oil. <i>PLoS ONE</i> , 2013 , 8, e55231	3.7	16
17	Proteomics and gene expression analyses of squalene-supplemented mice identify microsomal thioredoxin domain-containing protein 5 changes associated with hepatic steatosis. <i>Journal of Proteomics</i> , 2012 , 77, 27-39	3.9	15
16	In comparison with palm oil, dietary nut supplementation delays the progression of atherosclerotic lesions in female apoE-deficient mice. <i>British Journal of Nutrition</i> , 2013 , 109, 202-9	3.6	13
15	Response of ApoA-IV in pigs to long-term increased dietary oil intake and to the degree of unsaturation of the fatty acids. <i>British Journal of Nutrition</i> , 2004 , 92, 763-9	3.6	13
14	Lentils and faba beans in lamb diets. <i>Small Ruminant Research</i> , 1992 , 7, 43-49	1.7	12
13	Genetically based hypertension generated through interaction of mild hypoalphalipoproteinemia and mild hyperhomocysteinemia. <i>Journal of Hypertension</i> , 2007 , 25, 1597-607	1.9	10
12	Cloning, characterization, expression and comparative analysis of pig Golgi membrane sphingomyelin synthase 1. <i>Gene</i> , 2007 , 388, 117-24	3.8	10
11	is responsible for the sex differences in hepatic mRNA expression in hepatic steatosis of mice fed a Western diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E249-E261	6	7
10	Simvastatin reverses the hypertension of heterozygous mice lacking cystathionine beta-synthase and apolipoprotein A-I. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2008 , 377, 35-43	3.4	7
9	Sex-dependent effect of liver growth factor on atherosclerotic lesions and fatty liver disease in apolipoprotein E knockout mice. <i>Histology and Histopathology</i> , 2010 , 25, 609-18	1.4	7
8	Conocimiento de la acción biológica del aceite de oliva virgen extra mediante el uso del ratón carente de la apolipoproteína E. <i>Revista Espanola De Cardiologia</i> , 2009 , 62, 294-304	1.5	6
7	Hepatic subcellular distribution of squalene changes according to the experimental setting. <i>Journal of Physiology and Biochemistry</i> , 2018 , 74, 531-538	5	4
6	Analysis of tissue bioimpedance as a measurement of liver steatosis: experimental model in large animals. <i>Transplantation Proceedings</i> , 2012 , 44, 1579-83	1.1	4
5	Genetic background in apolipoprotein A-I and cystathionine beta-synthase deficiency. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 5155-62	2.8	4
4	Dietary Squalene Induces Cytochromes Cyp2b10 and Cyp2c55 Independently of Sex, Dose, and Diet in Several Mouse Models. <i>Molecular Nutrition and Food Research</i> , 2020 , 64, e2000354	5.9	3
3	Knowledge of the biological actions of extra virgin olive oil gained from mice lacking apolipoprotein E. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2009 , 62, 294-304	0.7	1
2	Hepatic galectin-3 is associated with lipid droplet area in non-alcoholic steatohepatitis in a new swine model. <i>Scientific Reports</i> , 2022 , 12, 1024	4.9	1

1 Diet and sexual hormones regulate hepatic synaptotagmin 1 mRNA in mice. *Frontiers in Bioscience - Elite*, **2016**, 8, 129-42 1.6 1