

Sergio Acin

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.

38
papers

954
citations

19
h-index

30
g-index

39
ext. papers

1,049
ext. citations

3.8
avg, IF

3.06
L-index

#	Paper	IF	Citations
38	Microarray analysis of hepatic gene expression identifies new genes involved in steatotic liver. <i>Physiological Genomics</i> , 2009 , 37, 187-98	3.6	82
37	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
36	Hydroxytyrosol administration enhances atherosclerotic lesion development in apo E deficient mice. <i>Journal of Biochemistry</i> , 2006 , 140, 383-91	3.1	66
35	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
34	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
33	Dietary cholesterol suppresses the ability of olive oil to delay the development of atherosclerotic lesions in apolipoprotein E knockout mice. <i>Atherosclerosis</i> , 2005 , 182, 17-28	3.1	47
32	Selection of reference genes for gene expression studies in rats. <i>Journal of Biotechnology</i> , 2011 , 151, 325-34	3.7	41
31	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
30	Gain-of-function mutant p53 but not p53 deletion promotes head and neck cancer progression in response to oncogenic K-ras. <i>Journal of Pathology</i> , 2011 , 225, 479-89	9.4	40
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	Intestinal D-galactose transport in an endotoxemia model in the rabbit. <i>Journal of Membrane Biology</i> , 2007 , 215, 125-33	2.3	32
26	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
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	Protein kinases, TNF- α , and proteasome contribute in the inhibition of fructose intestinal transport by sepsis in vivo. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 294, G155-64	5.1	26
22	Inhibitory effect of TNF- α on the intestinal absorption of galactose. <i>Journal of Cellular Biochemistry</i> , 2007 , 101, 99-111	4.7	26

21	Myc, Aurora Kinase A, and mutant p53(R172H) co-operate in a mouse model of metastatic skin carcinoma. <i>Oncogene</i> , 2012 , 31, 2680-90	9.2	23
20	Folic acid supplementation delays atherosclerotic lesion development in apoE-deficient mice. <i>Life Sciences</i> , 2007 , 80, 638-43	6.8	22
19	Loss of epithelial p53 and β integrin cooperate through Akt to induce squamous cell carcinoma yet prevent remodeling of the tumor microenvironment. <i>Oncogene</i> , 2015 , 34, 516-24	9.2	16
18	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
17	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
16	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
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	Postprandial transcriptome associated with virgin olive oil intake in rat liver. <i>Frontiers in Bioscience - Elite</i> , 2011 , 3, 11-21	1.6	11
13	Proteomics and gene expression analyses of mitochondria from squalene-treated apoE-deficient mice identify short-chain specific acyl-CoA dehydrogenase changes associated with fatty liver amelioration. <i>Journal of Proteomics</i> , 2012 , 75, 2563-75	3.9	10
12	Genetically based hypertension generated through interaction of mild hypoalphalipoproteinemia and mild hyperhomocysteinemia. <i>Journal of Hypertension</i> , 2007 , 25, 1597-607	1.9	10
11	Cloning, characterization and comparative analysis of pig plasma apolipoprotein A-IV. <i>Gene</i> , 2004 , 325, 157-64	3.8	9
10	Immunometabolic regulation by triterpenes of Eucalyptus tereticornis in adipose tissue cell line models. <i>Phytomedicine</i> , 2018 , 50, 109-117	6.5	8
9	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
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	Genetic background in apolipoprotein A-I and cystathionine beta-synthase deficiency. <i>Frontiers in Bioscience - Landmark</i> , 2008 , 13, 5155-62	2.8	4
6	Triterpene-enriched fractions from Eucalyptus tereticornis ameliorate metabolic alterations in a mouse model of diet-induced obesity. <i>Journal of Ethnopharmacology</i> , 2021 , 265, 113298	5	4
5	Nitric oxide-releasing agent, LA419, reduces atherogenesis in apolipoprotein E-deficient mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009 , 379, 489-500	3.4	3
4	Serjanic Acid Improves Immunometabolic Markers in a Diet-Induced Obesity Mouse Model. <i>Molecules</i> , 2020 , 25,	4.8	1

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	Ursolic Acid Lactone Obtained from Increases Glucose Uptake and Reduces Inflammatory Activity and Intracellular Neutral Fat: An In Vitro Study. <i>Molecules</i> , 2021 , 26,	4.8	1
1	Major triterpenoids from <i>Eucalyptus tereticornis</i> have enhanced beneficial effects in cellular models when mixed with minor compounds present in raw extract. <i>Anais Da Academia Brasileira De Ciencias</i> , 2021 , 93, e20201351	1.4	0