

# Sergio Acin

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

1,128  
citations

331259

21  
h-index

395343

33  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1463  
citing authors

#	ARTICLE	IF	CITATIONS
1	Microarray analysis of hepatic gene expression identifies new genes involved in steatotic liver. <i>Physiological Genomics</i> , 2009, 37, 187-198.	1.0	96
2	Selective effect of conjugated linoleic acid isomers on atherosclerotic lesion development in apolipoprotein E knockout mice. <i>Atherosclerosis</i> , 2006, 189, 318-327.	0.4	91
3	Immune-regulation of the apolipoprotein A-I/C-III/A-IV gene cluster in experimental inflammation. <i>Cytokine</i> , 2005, 31, 52-63.	1.4	74
4	Hydroxytyrosol Administration Enhances Atherosclerotic Lesion Development in Apo E Deficient Mice. <i>Journal of Biochemistry</i> , 2006, 140, 383-391.	0.9	72
5	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, 353-359.	1.3	63
6	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.	0.4	54
7	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.	0.4	51
8	Selection of reference genes for gene expression studies in rats. <i>Journal of Biotechnology</i> , 2011, 151, 325-334.	1.9	47
9	Olive oil preparation determines the atherosclerotic protection in apolipoprotein E knockout mice. <i>Journal of Nutritional Biochemistry</i> , 2007, 18, 418-424.	1.9	45
10	Gain-of-function mutant p53 but not p53 deletion promotes head and neck cancer progression in response to oncogenic Kras. <i>Journal of Pathology</i> , 2011, 225, 479-489.	2.1	44
11	Cystathionine $\beta$ -synthase is essential for female reproductive function. <i>Human Molecular Genetics</i> , 2006, 15, 3168-3176.	1.4	42
12	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, 372-382.	0.4	39
13	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, 628-638.	1.2	34
14	Intestinal d-Galactose Transport in an Endotoxemia Model in the Rabbit. <i>Journal of Membrane Biology</i> , 2007, 215, 125-133.	1.0	34
15	Understanding the role of dietary components on atherosclerosis using genetic engineered mouse models. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 955.	3.0	29
16	Protein kinases, TNF- $\alpha$ , 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-G164.	1.6	28
17	Inhibitory effect of TNF- $\alpha$ on the intestinal absorption of galactose. <i>Journal of Cellular Biochemistry</i> , 2007, 101, 99-111.	1.2	27
18	Myc, Aurora Kinase A, and mutant p53R172H co-operate in a mouse model of metastatic skin carcinoma. <i>Oncogene</i> , 2012, 31, 2680-2690.	2.6	27

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19	Folic acid supplementation delays atherosclerotic lesion development in apoE-deficient mice. <i>Life Sciences</i> , 2007, 80, 638-643.	2.0	26
20	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.	1.2	25
21	Postprandial Changes in High Density Lipoproteins in Rats Subjected to Gavage Administration of Virgin Olive Oil. <i>PLoS ONE</i> , 2013, 8, e55231.	1.1	22
22	Loss of epithelial p53 and $\beta$ 1 integrin cooperate through Akt to induce squamous cell carcinoma yet prevent remodeling of the tumor microenvironment. <i>Oncogene</i> , 2015, 34, 516-524.	2.6	19
23	Apolipoprotein E determines the hepatic transcriptional profile of dietary maslinic acid in mice. <i>Journal of Nutritional Biochemistry</i> , 2009, 20, 882-893.	1.9	17
24	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, 763-769.	1.2	15
25	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, 2563-2575.	1.2	14
26	Postprandial transcriptome associated with virgin olive oil intake in rat liver. <i>Frontiers in Bioscience - Elite</i> , 2011, E3, 11-21.	0.9	12
27	Genetically based hypertension generated through interaction of mild hypoalphalipoproteinemia and mild hyperhomocysteinemia. <i>Journal of Hypertension</i> , 2007, 25, 1597-1607.	0.3	11
28	Immunometabolic regulation by triterpenes of <i>Eucalyptus tereticornis</i> in adipose tissue cell line models. <i>Phytomedicine</i> , 2018, 50, 109-117.	2.3	11
29	Triterpene-enriched fractions from <i>Eucalyptus tereticornis</i> ameliorate metabolic alterations in a mouse model of diet-induced obesity. <i>Journal of Ethnopharmacology</i> , 2021, 265, 113298.	2.0	10
30	Cloning, characterization and comparative analysis of pig plasma apolipoprotein A-IV. <i>Gene</i> , 2004, 325, 157-164.	1.0	9
31	Ursolic Acid Lactone Obtained from <i>Eucalyptus tereticornis</i> Increases Glucose Uptake and Reduces Inflammatory Activity and Intracellular Neutral Fat: An In Vitro Study. <i>Molecules</i> , 2021, 26, 2282.	1.7	9
32	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.	1.4	7
33	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.	0.4	4
34	Serjanic Acid Improves Immunometabolic Markers in a Diet-Induced Obesity Mouse Model. <i>Molecules</i> , 2020, 25, 1486.	1.7	4
35	Genetic background in apolipoprotein A-I and cystathionine $\beta$ -synthase deficiency. <i>Frontiers in Bioscience - Landmark</i> , 2008, Volume, 5155.	3.0	4
36	Nitric oxide-releasing agent, LA419, reduces atherogenesis in apolipoprotein E-deficient mice. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2009, 379, 489-500.	1.4	3

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37	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.	0.3	2
38	Diet and Lifestyle in Nonalcoholic Fatty Liver Disease. <i>Canadian Journal of Gastroenterology and Hepatology</i> , 2020, 2020, 1-2.	0.8	1