Natalia GuillÃ©n

List of Publications by Year
in descending order

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39	804	471371	526166
papers	citations	17	27
		h-index	g-index

41	41	41	1214
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Microarray analysis of hepatic gene expression identifies new genes involved in steatotic liver. Physiological Genomics, 2009, 37, 187-198.	1.0	96
2	Hydroxytyrosol Administration Enhances Atherosclerotic Lesion Development in Apo E Deficient Mice. Journal of Biochemistry, 2006, 140, 383-391.	0.9	72
3	Identifying early pathogenic events during vascular calcification in uremic rats. Kidney International, 2017, 92, 1384-1394.	2.6	62
4	Squalene in a sex-dependent manner modulates atherosclerotic lesion which correlates with hepatic fat content in apoE-knockout male mice. Atherosclerosis, 2008, 197, 72-83.	0.4	54
5	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. Atherosclerosis, 2007, 194, 372-382.	0.4	39
6	Intestinal phosphate absorption is mediated by multiple transport systems in rats. American Journal of Physiology - Renal Physiology, 2017, 312, G355-G366.	1.6	36
7	Cystathionine Î²-synthase deficiency causes infertility by impairing decidualization and gene expression networks in uterus implantation sites. Physiological Genomics, 2012, 44, 702-716.	1.0	35
8	Microarray analysis of hepatic genes differentially expressed in the presence of the unsaponifiable fraction of olive oil in apolipoprotein E-deficient mice. British Journal of Nutrition, 2007, 97, 628-638.	1.2	34
9	Understanding the role of dietary components on atherosclerosis using genetic engineered mouse models. Frontiers in Bioscience - Landmark, 2006, 11, 955.	3.0	29
10	Sex as a Profound Modifier of Atherosclerotic Lesion Development in Apolipoprotein E-deficient Mice with Different Genetic Backgrounds. Journal of Atherosclerosis and Thrombosis, 2010, 17, 712-721.	0.9	29
11	Protein kinases, TNF-Î±, and proteasome contribute in the inhibition of fructose intestinal transport by sepsis in vivo. American Journal of Physiology - Renal Physiology, 2008, 294, G155-G164.	1.6	28
12	Proteomics and gene expression analyses of squalene-supplemented mice identify microsomal thioredoxin domain-containing protein 5 changes associated with hepatic steatosis. Journal of Proteomics, 2012, 77, 27-39.	1.2	25
13	Postprandial Changes in High Density Lipoproteins in Rats Subjected to Gavage Administration of Virgin Olive Oil. PLoS ONE, 2013, 8, e55231.	1.1	22
14	In comparison with palm oil, dietary nut supplementation delays the progression of atherosclerotic lesions in female apoE-deficient mice. British Journal of Nutrition, 2013, 109, 202-209.	1.2	19
15	Na⁺-independent phosphate transport in Caco2BBE cells. American Journal of Physiology - Cell Physiology, 2014, 307, C1113-C1122.	2.1	19
16	Lipopolysaccharide Induces Inhibition of Galactose Intestinal Transport in Rabbits in vitro. Cellular Physiology and Biochemistry, 2008, 22, 715-724.	1.1	18
17	Apolipoprotein E determines the hepatic transcriptional profile of dietary maslinic acid in mice. Journal of Nutritional Biochemistry, 2009, 20, 882-893.	1.9	17
18	Cloning, characterization, expression and comparative analysis of pig Golgi membrane sphingomyelin synthase 1. Gene, 2007, 388, 117-124.	1.0	14

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19	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. Journal of Proteomics, 2012, 75, 2563-2575.	1.2	14
20	Cysteinemia, rather than homocysteinemia, is associated with plasma apolipoprotein A-I levels in hyperhomocysteinemia. Atherosclerosis, 2010, 212, 268-273.	0.4	13
21	Effects of oral exposure to arsenite on arsenic metabolism and transport in rat kidney. Toxicology Letters, 2020, 333, 4-12.	0.4	13
22	Postprandial transcriptome associated with virgin olive oil intake in rat liver. Frontiers in Bioscience - Elite, 2011, E3, 11-21.	0.9	12
23	Several phosphate transport processes are present in vascular smooth muscle cells. American Journal of Physiology - Heart and Circulatory Physiology, 2020, 318, H448-H460.	1.5	11
24	Substrates and inhibitors of phosphate transporters: from experimental tools to pathophysiological relevance. Pflugers Archiv European Journal of Physiology, 2019, 471, 53-65.	1.3	10
25	Sensitivity of Pseudunio auricularius to metals and ammonia: first evaluation. Hydrobiologia, 2021, 848, 2977-2992.	1.0	10
26	Nitric oxide involved in the ILâ€¡Î²â€induced inhibition of fructose intestinal transport. Journal of Cellular Biochemistry, 2010, 111, 1321-1329.	1.2	9
27	Simvastatin reverses the hypertension of heterozygous mice lacking cystathionine Î²-synthase and apolipoprotein A-I. Naunyn-Schmiedeberg's Archives of Pharmacology, 2008, 377, 35-43.	1.4	7
28	Characterization of the cDNA and in vitro expression of the ram seminal plasma protein RSVP14. Gene, 2013, 519, 271-278.	1.0	7
29	Identification and expression analysis of type II and type III P_i transporters in the opossum kidney cell line. Experimental Physiology, 2019, 104, 149-161.	0.9	7
30	Sex-dependent effect of liver growth factor on atherosclerotic lesions and fatty liver disease in apolipoprotein E knockout mice. Histology and Histopathology, 2010, 25, 609-18.	0.5	7
31	Hypocholesterolaemic and antioxidant efficiency of chickpea (Cicer arietinum) protein hydrolysates depend on its degree of hydrolysis in cholesterol-fed rat. Nutrition and Food Science, 2017, 47, 254-269.	0.4	6
32	Differential antioxidative and hypocholesterolemic responses to two fish protein hydrolysates (Sardina pilchardus and Boops boops) in cholesterol-fed rats. Nutrition and Food Science, 2015, 45, 448-466.	0.4	5
33	Knowledge of the Biological Actions of Extra Virgin Olive Oil Gained From Mice Lacking Apolipoprotein E. Revista Espanola De Cardiologia (English Ed), 2009, 62, 294-304.	0.4	4
34	Inhibition of phosphate transport by NAD⁺/NADH in brush border membrane vesicles. American Journal of Physiology - Cell Physiology, 2022, 322, C803-C813.	2.1	4
35	Nitric oxide-releasing agent, LA419, reduces atherogenesis in apolipoprotein E-deficient mice. Naunyn-Schmiedeberg's Archives of Pharmacology, 2009, 379, 489-500.	1.4	3
36	Cloning and expression of hepatic synaptotagmin 1 in mouse. Gene, 2015, 562, 236-243.	1.0	3

#	Article	IF	Citations
37	Diagnosis of genetic amyloidosis through the analysis of transthyretin gene mutation using high-resolution melting. International Journal of Cardiology, 2020, 301, 220-225.	0.8	3
38	Hepatic Synaptotagmin 1 is involved in the remodelling of liver plasma- membrane lipid composition and gene expression in male Apoe-deficient mice consuming a Western diet. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158790.	1.2	2
39	Protective properties of sardine and chickpea protein hydrolysates against lipoprotein oxidative damages andÂsomeÂinflammation markers in hypercholesterolemic rats. Mediterranean Journal of Nutrition and Metabolism, 2021, , 1-14.	0.2	0