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	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
2	Sensitivity of Pseudunio auricularius to metals and ammonia: first evaluation. Hydrobiologia, 2021, 848, 2977-2992.	1.0	10
3	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
4	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
5	Effects of oral exposure to arsenite on arsenic metabolism and transport in rat kidney. Toxicology Letters, 2020, 333, 4-12.	0.4	13
6	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
7	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
8	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
9	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
10	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
11	Intestinal phosphate absorption is mediated by multiple transport systems in rats. American Journal of Physiology - Renal Physiology, 2017, 312, G355-G366.	1.6	36
12	Identifying early pathogenic events during vascular calcification in uremic rats. Kidney International, 2017, 92, 1384-1394.	2.6	62
13	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
14	Cloning and expression of hepatic synaptotagmin 1 in mouse. Gene, 2015, 562, 236-243.	1.0	3
15	Na⁺-independent phosphate transport in Caco2BBE cells. American Journal of Physiology - Cell Physiology, 2014, 307, C1113-C1122.	2.1	19
16	Characterization of the cDNA and in vitro expression of the ram seminal plasma protein RSVP14. Gene, 2013, 519, 271-278.	1.0	7
17	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
18	Postprandial Changes in High Density Lipoproteins in Rats Subjected to Gavage Administration of Virgin Olive Oil. PLoS ONE, 2013, 8, e55231.	1.1	22

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19	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
20	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
21	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
22	Postprandial transcriptome associated with virgin olive oil intake in rat liver. Frontiers in Bioscience - Elite, 2011, E3, 11-21.	0.9	12
23	Nitric oxide involved in the ILâ€1Î²â€induced inhibition of fructose intestinal transport. Journal of Cellular Biochemistry, 2010, 111, 1321-1329.	1.2	9
24	Cysteinemia, rather than homocysteinemia, is associated with plasma apolipoprotein A-I levels in hyperhomocysteinemia. Atherosclerosis, 2010, 212, 268-273.	0.4	13
25	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
26	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
27	Microarray analysis of hepatic gene expression identifies new genes involved in steatotic liver. Physiological Genomics, 2009, 37, 187-198.	1.0	96
28	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
29	Apolipoprotein E determines the hepatic transcriptional profile of dietary maslinic acid in mice. Journal of Nutritional Biochemistry, 2009, 20, 882-893.	1.9	17
30	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
31	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
32	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
33	Lipopolysaccharide Induces Inhibition of Galactose Intestinal Transport in Rabbits in vitro. Cellular Physiology and Biochemistry, 2008, 22, 715-724.	1.1	18
34	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
35	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
36	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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37	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
38	Understanding the role of dietary components on atherosclerosis using genetic engineered mouse models. Frontiers in Bioscience - Landmark, 2006, 11, 955.	3.0	29
39	Hydroxytyrosol Administration Enhances Atherosclerotic Lesion Development in Apo E Deficient Mice. Journal of Biochemistry, 2006, 140, 383-391.	0.9	72