Lilia G Noriega

List of Publications by Year
in descending order

52 papers	5,704 citations	394421 19 h-index	214800 47 g-index
53 all docs	53 docs citations	53 times ranked	9545 citing authors

#	Article	IF	Citations
1	Potential of Polyphenols to Restore SIRT1 and NAD+ Metabolism in Renal Disease. Nutrients, 2022, 14, 653.	4.1	14
2	Genistein Stimulation of White Adipose Tissue Thermogenesis Is Partially Dependent on GPR30 in Mice. Molecular Nutrition and Food Research, 2022, 66, e2100838.	3.3	6
3	Sirtuin 7 Deficiency Reduces Inflammation and Tubular Damage Induced by an Episode of Acute Kidney Injury. International Journal of Molecular Sciences, 2022, 23, 2573.	4.1	12
4	Antidiabetic Sterols from <i>Peniocereus greggii</i> Roots. ACS Omega, 2022, 7, 13144-13154.	3.5	2
5	ChREBP downregulates SNAT2 amino acid transporter expression through interactions with SMRT in response to a high-carbohydrate diet. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E102-E112.	3.5	5
6	The Role of the Unfolded Protein Response on Renal Lipogenesis in C57BL/6 Mice. Biomolecules, 2021, 11, 73.	4.0	5
7	PPARÎ±/RXRÎ± downregulates amino acid catabolism in the liver via interaction with HNF4Î± promoting its proteasomal degradation. Metabolism: Clinical and Experimental, 2021, 116, 154705.	3.4	7
8	SIRT7 modulates the stability and activity of the renal Kâ€¢Cl cotransporter KCC4 through deacetylation. EMBO Reports, 2021, 22, e50766.	4.5	11
9	SWATH-MS proteomics of PANC-1 and MIA PaCa-2 pancreatic cancer cells allows identification of drug targets alternative to MEK and PI3K inhibition. Biochemical and Biophysical Research Communications, 2021, 552, 23-29.	2.1	4
10	Serum amino acid concentrations are modified by age, insulin resistance, and BCAT2 rs11548193 and BCKDH rs45500792 polymorphisms in subjects with obesity. Clinical Nutrition, 2021, 40, 4209-4215.	5.0	7
11	Association of BCAT2 and BCKDH polymorphisms with clinical, anthropometric and biochemical parameters in young adults. Nutrition, Metabolism and Cardiovascular Diseases, 2021, 31, 3210-3218.	2.6	2
12	Consumption of soybean or olive oil at recommended concentrations increased the intestinal microbiota diversity and insulin sensitivity and prevented fatty liver compared to the effects of coconut oil. Journal of Nutritional Biochemistry, 2021, 94, 108751.	4.2	18
13	Effect of the BCAT2 polymorphism (rs11548193) on plasma branched-chain amino acid concentrations after dietary intervention in subjects with obesity and insulin resistance. British Journal of Nutrition, 2021, , 1-12.	2.3	0
14	Polymorphisms of the genes ABCG2, SLC22A12 and XDH and their relation with hyperuricemia and hypercholesterolemia in Mexican young adults. F1000Research, 2021, 10, 217.	1.6	0
15	Dietary bioactive compounds as modulators of mitochondrial function. Journal of Nutritional Biochemistry, 2021, 96, 108768.	4.2	13
16	Caffeoylquinic Acid Derivatives of Purple Sweet Potato as Modulators of Mitochondrial Function in Mouse Primary Hepatocytes. Molecules, 2021, 26, 319.	3.8	10
17	Effect of Dietary Magnesium Content on Intestinal Microbiota of Rats. Nutrients, 2020, 12, 2889.	4.1	21
18	Punica granatum L.-derived omega-5 nanoemulsion improves hepatic steatosis in mice fed a high fat diet by increasing fatty acid utilization in hepatocytes. Scientific Reports, 2020, 10, 15229.	3.3	7

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19	Goatâ€™s Milk Intake Prevents Obesity, Hepatic Steatosis and Insulin Resistance in Mice Fed A High-Fat Diet by Reducing Inflammatory Markers and Increasing Energy Expenditure and Mitochondrial Content in Skeletal Muscle. International Journal of Molecular Sciences, 2020, 21, 5530.	4.1	20
20	Genistein stimulates insulin sensitivity through gut microbiota reshaping and skeletal muscle AMPK activation in obese subjects. BMJ Open Diabetes Research and Care, 2020, 8, e000948.	2.8	59
21	Overexpression of the mitochondrial pyruvate carrier reduces lactate production and increases recombinant protein productivity in CHO cells. Biotechnology and Bioengineering, 2020, 117, 2633-2647.	3.3	11
22	The Interaction of Nutrition with Nuclear Receptors in Obesity and Diabetes. Food Chemistry, Function and Analysis, 2020, , 94-163.	0.2	0
23	Protein intake and amino acid supplementation regulate exercise recovery and performance through the modulation of mTOR, AMPK, FGF21, and immunity. Nutrition Research, 2019, 72, 1-17.	2.9	20
24	Interaction between the amount of dietary protein and the environmental temperature on the expression of browning markers in adipose tissue of rats. Genes and Nutrition, 2019, 14, 19.	2.5	10
25	Multi-target antidiabetic mechanisms of mexicanolides from Swietenia humilis. Phytomedicine, 2019, 58, 152891.	5.3	11
26	Genistein increases the thermogenic program of subcutaneous WAT and increases energy expenditure in mice. Journal of Nutritional Biochemistry, 2019, 68, 59-68.	4.2	35
27	Adiponectin synthesis and secretion by subcutaneous adipose tissue is impaired during obesity by endoplasmic reticulum stress. Journal of Cellular Biochemistry, 2018, 119, 5970-5984.	2.6	41
28	Amino acid profiles of young adults differ by sex, body mass index and insulin resistance. Nutrition, Metabolism and Cardiovascular Diseases, 2018, 28, 393-401.	2.6	28
29	Emerging perspectives on branched-chain amino acid metabolism during adipocyte differentiation. Current Opinion in Clinical Nutrition and Metabolic Care, 2018, 21, 49-57.	2.5	10
30	Inactivation of SPAK kinase reduces body weight gain in mice fed a high-fat diet by improving energy expenditure and insulin sensitivity. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E53-E65.	3.5	12
31	Interaction between leucine and palmitate catabolism in 3T3-L1 adipocytes and primary adipocytes from control and obese rats. Journal of Nutritional Biochemistry, 2018, 59, 29-36.	4.2	6
32	Longâ€Term Genistein Consumption Modifies Gut Microbiota, Improving Glucose Metabolism, Metabolic Endotoxemia, and Cognitive Function in Mice Fed a Highâ€Fat Diet. Molecular Nutrition and Food Research, 2018, 62, e1800313.	3.3	64
33	A BUTYRATE AND NIACIN SUPPLEMENTED DIET REDUCES CORPORAL FAT GAIN AND INDUCES SEVERE KIDNEY DAMAGE IN A MURINE MODEL (C57BL/6). FASEB Journal, 2018, 32, 719.19.	0.5	0
34	Metabolic Fate of Branchedâ€Chain Amino Acids During Adipogenesis, in Adipocytes From Obese Mice and C2C12 Myotubes. Journal of Cellular Biochemistry, 2017, 118, 808-818.	2.6	32
35	Food combination based on a preâ€hispanic Mexican diet decreases metabolic and cognitive abnormalities and gut microbiota dysbiosis caused by a sucroseâ€enriched highâ€fat diet in rats. Molecular Nutrition and Food Research, 2017, 61, 1501023.	3.3	41
36	Aguamiel concentrate from Agave salmiana and its extracted saponins attenuated obesity and hepatic steatosis and increased Akkermansia muciniphila in C57BL6 mice. Scientific Reports, 2016, 6, 34242.	3.3	71

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37	Autologous subcutaneous adipose tissue transplants improve adipose tissue metabolism and reduce insulin resistance and fatty liver in diet-induced obesity rats. Physiological Reports, 2016, 4, e12909.	1.7	14
38	Combined high-fat diet and sustained high sucrose consumption promotes NAFLD in a murine model. Annals of Hepatology, 2015, 14, 540-546.	1.5	26
39	PPARÎ± via HNF4Î± regulates the expression of genes encoding hepatic amino acid catabolizing enzymes to maintain metabolic homeostasis. Genes and Nutrition, 2015, 10, 452.	2.5	15
40	Plasma branched-chain and aromatic amino acid concentration after ingestion of an urban or rural diet in rural Mexican women. BMC Obesity, 2015, 2, 8.	3.1	19
41	The effect of isorhamnetin glycosides extracted from Opuntia ficus-indica in a mouse model of diet induced obesity. Food and Function, 2015, 6, 805-815.	4.6	66
42	Combined high-fat diet and sustained high sucrose consumption promotes NAFLD in a murine model. Annals of Hepatology, 2015, 14, 540-6.	1.5	14
43	Omental adipose tissue gene expression, gene variants, branched-chain amino acids, and their relationship with metabolic syndrome and insulin resistance in humans. Genes and Nutrition, 2014, 9, 431.	2.5	38
44	Genistein stimulates fatty acid oxidation in a leptin receptor-independent manner through the JAK2-mediated phosphorylation and activation of AMPK in skeletal muscle. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 132-140.	2.4	35
45	Metabolic Characterization of a Sirt5 deficient mouse model. Scientific Reports, 2013, 3, 2806.	3.3	115
46	The bile acid membrane receptor TGR5 as an emerging target in metabolism and inflammation. Journal of Hepatology, 2011, 54, 1263-1272.	3.7	328
47	CREB and ChREBP oppositely regulate SIRT1 expression in response to energy availability. EMBO Reports, 2011, 12, 1069-1076.	4.5	140
48	The Bile Acid Membrane Receptor TGR5: A Valuable Metabolic Target. Digestive Diseases, 2011, 29, 37-44.	1.9	135
49	AMPK regulates energy expenditure by modulating NAD+ metabolism and SIRT1 activity. Nature, 2009, 458, 1056-1060.	27.8	2,654
50	TGR5-Mediated Bile Acid Sensing Controls Glucose Homeostasis. Cell Metabolism, 2009, 10, 167-177.	16.2	1,465
51	Chapter 9 Nutrient Modulation of Insulin Secretion. Vitamins and Hormones, 2009, 80, 217-244.	1.7	25
52	Acetylation mediates taurocholate uptake in hepatocytes possibly through modulation of NTCP1 activity. F1000Research, 0, 11, 778.	1.6	0