

Lilia G Noriega

List of Publications by Year in descending order

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Version: 2024-02-01

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	AMPK regulates energy expenditure by modulating NAD ⁺ metabolism and SIRT1 activity. <i>Nature</i> , 2009, 458, 1056-1060.	27.8	2,654
2	TGR5-Mediated Bile Acid Sensing Controls Glucose Homeostasis. <i>Cell Metabolism</i> , 2009, 10, 167-177.	16.2	1,465
3	The bile acid membrane receptor TGR5 as an emerging target in metabolism and inflammation. <i>Journal of Hepatology</i> , 2011, 54, 1263-1272.	3.7	328
4	CREB and ChREBP oppositely regulate SIRT1 expression in response to energy availability. <i>EMBO Reports</i> , 2011, 12, 1069-1076.	4.5	140
5	The Bile Acid Membrane Receptor TGR5: A Valuable Metabolic Target. <i>Digestive Diseases</i> , 2011, 29, 37-44.	1.9	135
6	Metabolic Characterization of a Sirt5 deficient mouse model. <i>Scientific Reports</i> , 2013, 3, 2806.	3.3	115
7	Aguamiel concentrate from <i>Agave salmiana</i> and its extracted saponins attenuated obesity and hepatic steatosis and increased <i>Akkermansia muciniphila</i> in C57BL6 mice. <i>Scientific Reports</i> , 2016, 6, 34242.	3.3	71
8	The effect of isorhamnetin glycosides extracted from <i>Opuntia ficus-indica</i> in a mouse model of diet induced obesity. <i>Food and Function</i> , 2015, 6, 805-815.	4.6	66
9	Long-term Genistein Consumption Modifies Gut Microbiota, Improving Glucose Metabolism, Metabolic Endotoxemia, and Cognitive Function in Mice Fed a High-fat Diet. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800313.	3.3	64
10	Genistein stimulates insulin sensitivity through gut microbiota reshaping and skeletal muscle AMPK activation in obese subjects. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e000948.	2.8	59
11	Food combination based on a pre-Hispanic Mexican diet decreases metabolic and cognitive abnormalities and gut microbiota dysbiosis caused by a sucrose-enriched high-fat diet in rats. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1501023.	3.3	41
12	Adiponectin synthesis and secretion by subcutaneous adipose tissue is impaired during obesity by endoplasmic reticulum stress. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 5970-5984.	2.6	41
13	Omental adipose tissue gene expression, gene variants, branched-chain amino acids, and their relationship with metabolic syndrome and insulin resistance in humans. <i>Genes and Nutrition</i> , 2014, 9, 431.	2.5	38
14	Genistein stimulates fatty acid oxidation in a leptin receptor-independent manner through the JAK2-mediated phosphorylation and activation of AMPK in skeletal muscle. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014, 1841, 132-140.	2.4	35
15	Genistein increases the thermogenic program of subcutaneous WAT and increases energy expenditure in mice. <i>Journal of Nutritional Biochemistry</i> , 2019, 68, 59-68.	4.2	35
16	Metabolic Fate of Branched-Chain Amino Acids During Adipogenesis, in Adipocytes From Obese Mice and C2C12 Myotubes. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 808-818.	2.6	32
17	Amino acid profiles of young adults differ by sex, body mass index and insulin resistance. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 393-401.	2.6	28
18	Combined high-fat diet and sustained high sucrose consumption promotes NAFLD in a murine model. <i>Annals of Hepatology</i> , 2015, 14, 540-546.	1.5	26

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19	Chapter 9 Nutrient Modulation of Insulin Secretion. <i>Vitamins and Hormones</i> , 2009, 80, 217-244.	1.7	25
20	Effect of Dietary Magnesium Content on Intestinal Microbiota of Rats. <i>Nutrients</i> , 2020, 12, 2889.	4.1	21
21	Protein intake and amino acid supplementation regulate exercise recovery and performance through the modulation of mTOR, AMPK, FGF21, and immunity. <i>Nutrition Research</i> , 2019, 72, 1-17.	2.9	20
22	Goat'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. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5530.	4.1	20
23	Plasma branched-chain and aromatic amino acid concentration after ingestion of an urban or rural diet in rural Mexican women. <i>BMC Obesity</i> , 2015, 2, 8.	3.1	19
24	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. <i>Journal of Nutritional Biochemistry</i> , 2021, 94, 108751.	4.2	18
25	PPAR α via HNF4 α regulates the expression of genes encoding hepatic amino acid catabolizing enzymes to maintain metabolic homeostasis. <i>Genes and Nutrition</i> , 2015, 10, 452.	2.5	15
26	Autologous subcutaneous adipose tissue transplants improve adipose tissue metabolism and reduce insulin resistance and fatty liver in diet-induced obesity rats. <i>Physiological Reports</i> , 2016, 4, e12909.	1.7	14
27	Potential of Polyphenols to Restore SIRT1 and NAD ⁺ Metabolism in Renal Disease. <i>Nutrients</i> , 2022, 14, 653.	4.1	14
28	Combined high-fat diet and sustained high sucrose consumption promotes NAFLD in a murine model. <i>Annals of Hepatology</i> , 2015, 14, 540-6.	1.5	14
29	Dietary bioactive compounds as modulators of mitochondrial function. <i>Journal of Nutritional Biochemistry</i> , 2021, 96, 108768.	4.2	13
30	Inactivation of SPAK kinase reduces body weight gain in mice fed a high-fat diet by improving energy expenditure and insulin sensitivity. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 314, E53-E65.	3.5	12
31	Sirtuin 7 Deficiency Reduces Inflammation and Tubular Damage Induced by an Episode of Acute Kidney Injury. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2573.	4.1	12
32	Multi-target antidiabetic mechanisms of mexicanolides from <i>Swietenia humilis</i> . <i>Phytomedicine</i> , 2019, 58, 152891.	5.3	11
33	SIRT7 modulates the stability and activity of the renal Cl ⁻ cotransporter KCC4 through deacetylation. <i>EMBO Reports</i> , 2021, 22, e50766.	4.5	11
34	Overexpression of the mitochondrial pyruvate carrier reduces lactate production and increases recombinant protein productivity in CHO cells. <i>Biotechnology and Bioengineering</i> , 2020, 117, 2633-2647.	3.3	11
35	Emerging perspectives on branched-chain amino acid metabolism during adipocyte differentiation. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018, 21, 49-57.	2.5	10
36	Interaction between the amount of dietary protein and the environmental temperature on the expression of browning markers in adipose tissue of rats. <i>Genes and Nutrition</i> , 2019, 14, 19.	2.5	10

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37	Caffeoylquinic Acid Derivatives of Purple Sweet Potato as Modulators of Mitochondrial Function in Mouse Primary Hepatocytes. <i>Molecules</i> , 2021, 26, 319.	3.8	10
38	<i>Punica granatum</i> L.-derived omega-5 nanoemulsion improves hepatic steatosis in mice fed a high fat diet by increasing fatty acid utilization in hepatocytes. <i>Scientific Reports</i> , 2020, 10, 15229.	3.3	7
39	PPAR α /RXR α downregulates amino acid catabolism in the liver via interaction with HNF4 α promoting its proteasomal degradation. <i>Metabolism: Clinical and Experimental</i> , 2021, 116, 154705.	3.4	7
40	Serum amino acid concentrations are modified by age, insulin resistance, and BCAT2 rs11548193 and BCKDH rs45500792 polymorphisms in subjects with obesity. <i>Clinical Nutrition</i> , 2021, 40, 4209-4215.	5.0	7
41	Interaction between leucine and palmitate catabolism in 3T3-L1 adipocytes and primary adipocytes from control and obese rats. <i>Journal of Nutritional Biochemistry</i> , 2018, 59, 29-36.	4.2	6
42	Genistein Stimulation of White Adipose Tissue Thermogenesis Is Partially Dependent on GPR30 in Mice. <i>Molecular Nutrition and Food Research</i> , 2022, 66, e2100838.	3.3	6
43	ChREBP downregulates SNAT2 amino acid transporter expression through interactions with SMRT in response to a high-carbohydrate diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E102-E112.	3.5	5
44	The Role of the Unfolded Protein Response on Renal Lipogenesis in C57BL/6 Mice. <i>Biomolecules</i> , 2021, 11, 73.	4.0	5
45	SWATH-MS proteomics of PANC-1 and MIA PaCa-2 pancreatic cancer cells allows identification of drug targets alternative to MEK and PI3K inhibition. <i>Biochemical and Biophysical Research Communications</i> , 2021, 552, 23-29.	2.1	4
46	Association of BCAT2 and BCKDH polymorphisms with clinical, anthropometric and biochemical parameters in young adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 3210-3218.	2.6	2
47	Antidiabetic Sterols from <i>Peniocereus greggii</i> Roots. <i>ACS Omega</i> , 2022, 7, 13144-13154.	3.5	2
48	Effect of the BCAT2 polymorphism (rs11548193) on plasma branched-chain amino acid concentrations after dietary intervention in subjects with obesity and insulin resistance. <i>British Journal of Nutrition</i> , 2021, , 1-12.	2.3	0
49	Polymorphisms of the genes ABCG2, SLC22A12 and XDH and their relation with hyperuricemia and hypercholesterolemia in Mexican young adults. <i>F1000Research</i> , 2021, 10, 217.	1.6	0
50	A BUTYRATE AND NIACIN SUPPLEMENTED DIET REDUCES CORPORAL FAT GAIN AND INDUCES SEVERE KIDNEY DAMAGE IN A MURINE MODEL (C57BL/6). <i>FASEB Journal</i> , 2018, 32, 719.19.	0.5	0
51	The Interaction of Nutrition with Nuclear Receptors in Obesity and Diabetes. <i>Food Chemistry, Function and Analysis</i> , 2020, , 94-163.	0.2	0
52	Acetylation mediates taurocholate uptake in hepatocytes possibly through modulation of NTCP1 activity. <i>F1000Research</i> , 0, 11, 778.	1.6	0