

Águeda González-Rodríguez

List of Publications by Year in descending order

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61
papers

2,235
citations

218677

26
h-index

233421

45
g-index

61
all docs

61
docs citations

61
times ranked

4014
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding lipotoxicity in NAFLD pathogenesis: is CD36 a key driver?. <i>Cell Death and Disease</i> , 2020, 11, 802.	6.3	221
2	CHOP is a critical regulator of acetaminophen-induced hepatotoxicity. <i>Journal of Hepatology</i> , 2013, 59, 495-503.	3.7	155
3	Topical Administration of Somatostatin Prevents Retinal Neurodegeneration in Experimental Diabetes. <i>Diabetes</i> , 2013, 62, 2569-2578.	0.6	109
4	Inhibition of PTP1B Restores IRS1-Mediated Hepatic Insulin Signaling in IRS2-Deficient Mice. <i>Diabetes</i> , 2010, 59, 588-599.	0.6	99
5	SIRT1 Controls Acetaminophen Hepatotoxicity by Modulating Inflammation and Oxidative Stress. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 1187-1208.	5.4	97
6	Eukaryotic elongation factor 2 controls TNF- α translation in LPS-induced hepatitis. <i>Journal of Clinical Investigation</i> , 2013, 123, 164-178.	8.2	90
7	Hepatic insulin resistance is associated with increased apoptosis and fibrogenesis in nonalcoholic steatohepatitis and chronic hepatitis C. <i>Journal of Hepatology</i> , 2011, 54, 142-152.	3.7	81
8	Essential role of protein tyrosine phosphatase 1B in obesity-induced inflammation and peripheral insulin resistance during aging. <i>Aging Cell</i> , 2012, 11, 284-296.	6.7	78
9	Role of hepatocyte S6K1 in palmitic acid-induced endoplasmic reticulum stress, lipotoxicity, insulin resistance and in oleic acid-induced protection. <i>Food and Chemical Toxicology</i> , 2015, 80, 298-309.	3.6	75
10	Silencing hepatic MCJ attenuates non-alcoholic fatty liver disease (NAFLD) by increasing mitochondrial fatty acid oxidation. <i>Nature Communications</i> , 2020, 11, 3360.	12.8	73
11	Beneficial effects of fenofibrate in retinal pigment epithelium by the modulation of stress and survival signaling under diabetic conditions. <i>Journal of Cellular Physiology</i> , 2012, 227, 2352-2362.	4.1	69
12	A novel glucagon-like peptide 1/glucagon receptor dual agonist improves steatohepatitis and liver regeneration in mice. <i>Hepatology</i> , 2017, 65, 950-968.	7.3	67
13	Resveratrol treatment restores peripheral insulin sensitivity in diabetic mice in a sirt1-independent manner. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1431-1442.	3.3	53
14	Opposite Cross-Talk by Oleate and Palmitate on Insulin Signaling in Hepatocytes through Macrophage Activation. <i>Journal of Biological Chemistry</i> , 2015, 290, 11663-11677.	3.4	47
15	Dissecting the role of epidermal growth factor receptor catalytic activity during liver regeneration and hepatocarcinogenesis. <i>Hepatology</i> , 2016, 63, 604-619.	7.3	47
16	The Lysophosphatidylinositol/G Protein-Coupled Receptor 55 System Induces the Development of Nonalcoholic Steatosis and Steatohepatitis. <i>Hepatology</i> , 2021, 73, 606-624.	7.3	42
17	Sterile Inflammation in Acetaminophen-induced Liver Injury Is Mediated by Cot/tpl2. <i>Journal of Biological Chemistry</i> , 2013, 288, 15342-15351.	3.4	41
18	Hepatic Cyclooxygenase-2 Expression Protects Against Diet-Induced Steatosis, Obesity, and Insulin Resistance. <i>Diabetes</i> , 2015, 64, 1522-1531.	0.6	41

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19	Developmental Switch from Prolonged Insulin Action to Increased Insulin Sensitivity in Protein Tyrosine Phosphatase 1B-Deficient Hepatocytes. <i>Endocrinology</i> , 2007, 148, 594-608.	2.8	39
20	S6K1 deficiency protects against apoptosis in hepatocytes. <i>Hepatology</i> , 2009, 50, 216-229.	7.3	37
21	Protein Tyrosine Phosphatase 1B (PTP1B) Deficiency Accelerates Hepatic Regeneration in Mice. <i>American Journal of Pathology</i> , 2011, 178, 1591-1604.	3.8	35
22	Insulin Receptor Substrate 2 (IRS2)-Deficient Mice Show Sensorineural Hearing Loss That Is Delayed by Concomitant Protein Tyrosine Phosphatase 1B (PTP1B) Loss of Function. <i>Molecular Medicine</i> , 2012, 18, 260-269.	4.4	34
23	Beneficial effects of PTP1B deficiency on brown adipocyte differentiation and protection against apoptosis induced by pro- and anti-inflammatory stimuli. <i>Cellular Signalling</i> , 2010, 22, 645-659.	3.6	33
24	Impairment of Transforming Growth Factor β^2 Signaling in Caveolin-1-deficient Hepatocytes. <i>Journal of Biological Chemistry</i> , 2010, 285, 3633-3642.	3.4	31
25	Heme-Regulated eIF2 γ Kinase Modulates Hepatic FGF21 and Is Activated by PPAR β/δ Deficiency. <i>Diabetes</i> , 2016, 65, 3185-3199.	0.6	31
26	Hypoxia-inducible factor 2 α drives hepatosteatosis through the fatty acid translocase CD36. <i>Liver International</i> , 2020, 40, 2553-2567.	3.9	29
27	Studies of naturally occurring friedelane triterpenoids as insulin sensitizers in the treatment type 2 diabetes mellitus. <i>Phytochemistry</i> , 2012, 84, 116-124.	2.9	27
28	Angiopoietin-Like Protein 8 Is a Novel Vitamin D Receptor Target Gene Involved in Nonalcoholic Fatty Liver Pathogenesis. <i>American Journal of Pathology</i> , 2018, 188, 2800-2810.	3.8	27
29	IRS2 and PTEN are key molecules in controlling insulin sensitivity in podocytes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015, 1853, 3224-3234.	4.1	26
30	Melatonin Reduces NLRP3 Inflammasome Activation by Increasing β 7 nAChR-Mediated Autophagic Flux. <i>Antioxidants</i> , 2020, 9, 1299.	5.1	26
31	Protein-tyrosine Phosphatase 1B (PTP1B) Deficiency Confers Resistance to Transforming Growth Factor- β^2 (TGF- β^2)-induced Suppressor Effects in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2012, 287, 15263-15274.	3.4	25
32	IRS2 and PTP1B: Two opposite modulators of hepatic insulin signalling. <i>Archives of Physiology and Biochemistry</i> , 2011, 117, 105-115.	2.1	23
33	IL-6 cooperates with peroxisome proliferator-activated receptor- α ligands to induce liver fatty acid binding protein (FABP) up-regulation. <i>Liver International</i> , 2013, 33, 1019-1028.	3.9	23
34	Dual role of protein tyrosine phosphatase 1B in the progression and reversion of non-alcoholic steatohepatitis. <i>Molecular Metabolism</i> , 2018, 7, 132-146.	6.5	22
35	Liver osteopontin is required to prevent the progression of age-related nonalcoholic fatty liver disease. <i>Aging Cell</i> , 2020, 19, e13183.	6.7	20
36	Involvement of G protein-coupled receptor kinase 2 (GRK2) in the development of non-alcoholic steatosis and steatohepatitis in mice and humans. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3655-3667.	3.8	18

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37	Hypoxia and Non-alcoholic Fatty Liver Disease. <i>Frontiers in Medicine</i> , 2020, 7, 578001.	2.6	18
38	Differential Insulin Receptor Substrate-1 (IRS1)-Related Modulation of Neuropeptide Y and Proopiomelanocortin Expression in Nondiabetic and Diabetic IRS2 ^{-/-} Mice. <i>Endocrinology</i> , 2012, 153, 1129-1140.	2.8	17
39	Increased oxidative stress and apoptosis in the hypothalamus of diabetic male mice in the insulin receptor substrate-2 knockout model. <i>DMM Disease Models and Mechanisms</i> , 2016, 9, 573-83.	2.4	16
40	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. <i>Journal of Hepatology</i> , 2022, 76, 11-24.	3.7	16
41	<i>In vivo</i> siRNA delivery of Keap1 modulates death and survival signaling pathways and attenuates Concanavalin A-induced acute liver injury in mice. <i>DMM Disease Models and Mechanisms</i> , 2014, 7, 1093-100.	2.4	15
42	Essential Role of Protein-tyrosine Phosphatase 1B in the Modulation of Insulin Signaling by Acetaminophen in Hepatocytes. <i>Journal of Biological Chemistry</i> , 2014, 289, 29406-29419.	3.4	14
43	Bacterial antigen translocation and age as BMI-independent contributing factors on systemic inflammation in NAFLD patients. <i>Liver International</i> , 2020, 40, 2182-2193.	3.9	14
44	Editorial: Role of Nrf2 in Disease: Novel Molecular Mechanisms and Therapeutic Approaches. <i>Frontiers in Pharmacology</i> , 2019, 10, 1149.	3.5	13
45	Definite and indeterminate nonalcoholic steatohepatitis share similar clinical features and prognosis: A longitudinal study of 1893 biopsy-proven nonalcoholic fatty liver disease subjects. <i>Liver International</i> , 2021, 41, 2076-2086.	3.9	13
46	PTP1B deficiency enhances liver growth during suckling by increasing the expression of insulin-like growth factor-1. <i>Journal of Cellular Physiology</i> , 2010, 225, 214-222.	4.1	12
47	Azathioprine desensitizes liver cancer cells to insulin-like growth factor 1 and causes apoptosis when it is combined with bafilomycin A1. <i>Toxicology and Applied Pharmacology</i> , 2013, 272, 568-578.	2.8	12
48	Loss of Protein Tyrosine Phosphatase 1B Increases IGF-I Receptor Tyrosine Phosphorylation but Does Not Rescue Retinal Defects in IRS2-Deficient Mice. , 2013, 54, 4215.		11
49	Liver-specific insulin receptor isoform A expression enhances hepatic glucose uptake and ameliorates liver steatosis in a mouse model of diet-induced obesity. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	11
50	Insulin receptor substrate 2 (IRS2)-deficiency delays liver fibrosis associated to cholestatic injury. <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	2.4	10
51	Normal Proliferation and Tumorigenesis but Impaired Pancreatic Function in Mice Lacking the Cell Cycle Regulator Sei1. <i>PLoS ONE</i> , 2010, 5, e8744.	2.5	10
52	Intrahepatic Expression of Fatty Acid Translocase CD36 Is Increased in Obstructive Sleep Apnea. <i>Frontiers in Medicine</i> , 2020, 7, 450.	2.6	8
53	Friedelane-type triterpenoids as selective anti-inflammatory agents by regulation of differential signaling pathways in LPS-stimulated macrophages. <i>Toxicology and Applied Pharmacology</i> , 2016, 313, 57-67.	2.8	7
54	In Vitro and In Silico ADME-Tox Profiling and Safety Significance of Multifunctional Monoamine Oxidase Inhibitors Targeting Neurodegenerative Diseases. <i>ACS Chemical Neuroscience</i> , 2020, 11, 3793-3801.	3.5	7

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55	Defective liver glycogen autophagy related to hyperinsulinemia in intrauterine growth-restricted newborn wistar rats. <i>Scientific Reports</i> , 2020, 10, 17651.	3.3	6
56	Concerted regulation of non-alcoholic fatty liver disease progression by microRNAs in apolipoprotein E-deficient mice. <i>DMM Disease Models and Mechanisms</i> , 2021, 14, .	2.4	5
57	Ptpn1 deletion protects oval cells against lipoapoptosis by favoring lipid droplet formation and dynamics. <i>Cell Death and Differentiation</i> , 2022, 29, 2362-2380.	11.2	4
58	Increased Oxygen Desaturation Time During Sleep Is a Risk Factor for NASH in Patients With Obstructive Sleep Apnea: A Prospective Cohort Study. <i>Frontiers in Medicine</i> , 2022, 9, 808417.	2.6	3
59	Research update for articles published in <sc>EJCI</sc> in 2014. <i>European Journal of Clinical Investigation</i> , 2016, 46, 880-894.	3.4	2
60	Sofosbuvir improves HCV-induced insulin resistance by blocking IRS1 degradation. <i>Clinical and Translational Medicine</i> , 2021, 11, e275.	4.0	0
61	Editorial: New Insights Into Understanding and Managing NAFLD. <i>Frontiers in Medicine</i> , 2021, 8, 777740.	2.6	0