Rafael Mayoral Monibas

List of Publications by Year
in descending order

34 papers	2,378 citations	236925 25 h-index	395702 33 g-index
35 all docs	35 docs citations	35 times ranked	6777 citing authors

#	Article	IF	Citations
1	Impaired autophagic flux is associated with increased endoplasmic reticulum stress during the development of NAFLD. Cell Death and Disease, 2014, 5, e1179-e1179.	6.3	447
2	Targeting a ceramide double bond improves insulin resistance and hepatic steatosis. Science, 2019, 365, 386-392.	12.6	304
3	LTB4 promotes insulin resistance in obese mice by acting on macrophages, hepatocytes and myocytes. Nature Medicine, 2015, 21, 239-247.	30.7	252
4	GPR43 Potentiates Î²-Cell Function in Obesity. Diabetes, 2015, 64, 3203-3217.	0.6	162
5	Characterization of Distinct Subpopulations of Hepatic Macrophages in HFD/Obese Mice. Diabetes, 2015, 64, 1120-1130.	0.6	143
6	Adipocyte SIRT1 knockout promotes PPARÎ³ activity, adipogenesis and insulin sensitivity in chronic-HFD and obesity. Molecular Metabolism, 2015, 4, 378-391.	6.5	129
7	Prostaglandin E 2 promotes migration and adhesion in hepatocellular carcinoma cells. Carcinogenesis, 2005, 26, 753-761.	2.8	89
8	Hepatic insulin resistance is associated with increased apoptosis and fibrogenesis in nonalcoholic steatohepatitis and chronic hepatitis C. Journal of Hepatology, 2011, 54, 142-152.	3.7	81
9	TNFÎ±-dependent hepatic steatosis and liver degeneration caused by mutation of zebrafishs-adenosylhomocysteine hydrolase. Development (Cambridge), 2009, 136, 865-875.	2.5	75
10	Catestatin Inhibits Obesity-Induced Macrophage Infiltration and Inflammation in the Liver and Suppresses Hepatic Glucose Production, Leading to Improved Insulin Sensitivity. Diabetes, 2018, 67, 841-848.	0.6	58
11	Omega-3 fatty acids reduce obesity-induced tumor progression independent of GPR120 in a mouse model of postmenopausal breast cancer. Oncogene, 2015, 34, 3504-3513.	5.9	52
12	Dispensability and dynamics of caveolin-1 during liver regeneration and in isolated hepatic cells. Hepatology, 2007, 46, 813-822.	7.3	47
13	Protection against Fas-induced liver apoptosis in transgenic mice expressing cyclooxygenase 2 in hepatocytes. Hepatology, 2007, 45, 631-638.	7.3	44
14	Hepatic Cyclooxygenase-2 Expression Protects Against Diet-Induced Steatosis, Obesity, and Insulin Resistance. Diabetes, 2015, 64, 1522-1531.	0.6	41
15	Cyclooxygenase-2 expression in hepatocytes attenuates non-alcoholic steatohepatitis and liver fibrosis in mice. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 1710-1723.	3.8	39
16	Caveolin-1 is required for TGF- Î² -induced transactivation of the EGF receptor pathway in hepatocytes through the activation of the metalloprotease TACE/ADAM17. Cell Death and Disease, 2014, 5, e1326-e1326.	6.3	38
17	Regulation of MicroRNA 183 by Cyclooxygenase 2 in Liver Is DEAD-Box Helicase p68 (DDX5) Dependent: Role in Insulin Signaling. Molecular and Cellular Biology, 2015, 35, 2554-2567.	2.3	37
18	In Situ Forming Injectable Thermoresponsive Hydrogels for Controlled Delivery of Biomacromolecules. ACS Omega, 2020, 5, 17531-17542.	3.5	36

#	Article	IF	Citations
19	Protein Tyrosine Phosphatase 1B (PTP1B) Deficiency Accelerates Hepatic Regeneration in Mice. American Journal of Pathology, 2011, 178, 1591-1604.	3.8	35
20	Cyclooxygenase-2 Is a Target of MicroRNA-16 in Human Hepatoma Cells. PLoS ONE, 2012, 7, e50935.	2.5	32
21	Impairment of Transforming Growth Factor Î² Signaling in Caveolin-1-deficient Hepatocytes. Journal of Biological Chemistry, 2010, 285, 3633-3642.	3.4	31
22	COX-2 in liver, from regeneration to hepatocarcinogenesis: What we have learned from animal models?. World Journal of Gastroenterology, 2010, 16, 1430.	3.3	29
23	Cyclo-oxygenase 2 expression impairs serum-withdrawal-induced apoptosis in liver cells. Biochemical Journal, 2006, 398, 371-380.	3.7	27
24	Constitutive expression of cyclo-oxygenase 2 transgene in hepatocytes protects against liver injury. Biochemical Journal, 2008, 416, 337-346.	3.7	27
25	Evaluation of epigenetic modulation of cyclooxygenase-2 as a prognostic marker for hepatocellular carcinoma. Oncogenesis, 2012, 1, e23-e23.	4.9	26
26	Cyclooxygenaseâ€2 overâ€expression inhibits liver apoptosis induced by hyperglycemia. Journal of Cellular Biochemistry, 2013, 114, 669-680.	2.6	21
27	Caveolinâ€1â€dependent activation of the metalloprotease <scp>TACE</scp>/<scp>ADAM</scp>17 by <scp>TGF</scp>â€Î² in hepatocytes requires activation of Src and the <scp>NADPH</scp> oxidase <scp>NOX</scp>1. FEBS Journal, 2016, 283, 1300-1310.	4.7	21
28	Differential regulation of hepatic physiology and injury by the TAM receptors Axl and Mer. Life Science Alliance, 2020, 3, e202000694.	2.8	20
29	Transgenic Mice Expressing Cyclooxygenase-2 in Hepatocytes Reveal a Minor Contribution of This Enzyme to Chemical Hepatocarcinogenesis. American Journal of Pathology, 2011, 178, 1361-1373.	3.8	13
30	Distinct Hepatic Macrophage Populations in Lean and Obese Mice. Frontiers in Endocrinology, 2016, 7, 152.	3.5	10
31	Quantifying ceramide kinetics in vivo using stable isotope tracers and LC-MS/MS. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E416-E424.	3.5	7
32	Progression of liver oncogenesis in the double transgenic mice c-myc/TGF Î± is not enhanced by cyclooxygenase-2 expression. Prostaglandins and Other Lipid Mediators, 2013, 106, 106-115.	1.9	3
33	PPAR gamma pro12Ala polymorphism and type 2 diabetes: a study in a spanish cohort. Journal of Genetics Study, 2014, 2, 1.	0.0	2
34	P0924 : Cyclooxygenase-2 regulates miRNA expression in liver cells through dead box helicase p68 (DDX5). Role in insulin signaling. Journal of Hepatology, 2015, 62, S691-S692.	3.7	0