

Rafael Mayoral Monibas

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

1,751
citations

22
h-index

35
g-index

35
ext. papers

2,102
ext. citations

7.4
avg, IF

4.02
L-index

#	Paper	IF	Citations
33	Differential regulation of hepatic physiology and injury by the TAM receptors Axl and Mer. <i>Life Science Alliance</i> , 2020 , 3,	5.8	7
32	In Situ Forming Injectable Thermoresponsive Hydrogels for Controlled Delivery of Biomacromolecules. <i>ACS Omega</i> , 2020 , 5, 17531-17542	3.9	13
31	Targeting a ceramide double bond improves insulin resistance and hepatic steatosis. <i>Science</i> , 2019 , 365, 386-392	33.3	171
30	Catestatin Inhibits Obesity-Induced Macrophage Infiltration and Inflammation in the Liver and Suppresses Hepatic Glucose Production, Leading to Improved Insulin Sensitivity. <i>Diabetes</i> , 2018 , 67, 841-848	9.9	27
29	Quantifying ceramide kinetics in vivo using stable isotope tracers and LC-MS/MS. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 315, E416-E424	6	3
28	Cyclooxygenase-2 expression in hepatocytes attenuates non-alcoholic steatohepatitis and liver fibrosis in mice. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016 , 1862, 1710-23	6.9	27
27	Distinct Hepatic Macrophage Populations in Lean and Obese Mice. <i>Frontiers in Endocrinology</i> , 2016 , 7, 152	5.7	10
26	Caveolin-1-dependent activation of the metalloprotease TACE/ADAM17 by TGF- β in hepatocytes requires activation of Src and the NADPH oxidase NOX1. <i>FEBS Journal</i> , 2016 , 283, 1300-10	5.7	16
25	LTB4 promotes insulin resistance in obese mice by acting on macrophages, hepatocytes and myocytes. <i>Nature Medicine</i> , 2015 , 21, 239-247	50.5	189
24	Adipocyte SIRT1 knockout promotes PPAR α activity, adipogenesis and insulin sensitivity in chronic-HFD and obesity. <i>Molecular Metabolism</i> , 2015 , 4, 378-91	8.8	102
23	Regulation of MicroRNA 183 by Cyclooxygenase 2 in Liver Is DEAD-Box Helicase p68 (DDX5) Dependent: Role in Insulin Signaling. <i>Molecular and Cellular Biology</i> , 2015 , 35, 2554-67	4.8	30
22	Hepatic cyclooxygenase-2 expression protects against diet-induced steatosis, obesity, and insulin resistance. <i>Diabetes</i> , 2015 , 64, 1522-31	0.9	30
21	Omega-3 fatty acids reduce obesity-induced tumor progression independent of GPR120 in a mouse model of postmenopausal breast cancer. <i>Oncogene</i> , 2015 , 34, 3504-13	9.2	48
20	Characterization of distinct subpopulations of hepatic macrophages in HFD/obese mice. <i>Diabetes</i> , 2015 , 64, 1120-30	0.9	103
19	GPR43 Potentiates ECell Function in Obesity. <i>Diabetes</i> , 2015 , 64, 3203-17	0.9	121
18	Impaired autophagic flux is associated with increased endoplasmic reticulum stress during the development of NAFLD. <i>Cell Death and Disease</i> , 2014 , 5, e1179	9.8	325
17	Caveolin-1 is required for TGF- β -induced transactivation of the EGF receptor pathway in hepatocytes through the activation of the metalloprotease TACE/ADAM17. <i>Cell Death and Disease</i> , 2014 , 5, e1326	9.8	33

16	PPAR gamma pro12Ala polymorphism and type 2 diabetes: a study in a spanish cohort 2014 , 2, 1		1
15	Cyclooxygenase-2 over-expression inhibits liver apoptosis induced by hyperglycemia. <i>Journal of Cellular Biochemistry</i> , 2013 , 114, 669-80	4.7	16
14	Progression of liver oncogenesis in the double transgenic mice c-myc/TGF β s not enhanced by cyclooxygenase-2 expression. <i>Prostaglandins and Other Lipid Mediators</i> , 2013 , 106, 106-15	3.7	1
13	Cyclooxygenase-2 is a target of microRNA-16 in human hepatoma cells. <i>PLoS ONE</i> , 2012 , 7, e50935	3.7	30
12	Evaluation of epigenetic modulation of cyclooxygenase-2 as a prognostic marker for hepatocellular carcinoma. <i>Oncogenesis</i> , 2012 , 1, e23	6.6	22
11	Transgenic mice expressing cyclooxygenase-2 in hepatocytes reveal a minor contribution of this enzyme to chemical hepatocarcinogenesis. <i>American Journal of Pathology</i> , 2011 , 178, 1361-73	5.8	9
10	Protein Tyrosine Phosphatase 1B (PTP1B) deficiency accelerates hepatic regeneration in mice. <i>American Journal of Pathology</i> , 2011 , 178, 1591-604	5.8	26
9	Hepatic insulin resistance is associated with increased apoptosis and fibrogenesis in nonalcoholic steatohepatitis and chronic hepatitis C. <i>Journal of Hepatology</i> , 2011 , 54, 142-52	13.4	72
8	Impairment of transforming growth factor beta signaling in caveolin-1-deficient hepatocytes: role in liver regeneration. <i>Journal of Biological Chemistry</i> , 2010 , 285, 3633-3642	5.4	30
7	COX-2 in liver, from regeneration to hepatocarcinogenesis: what we have learned from animal models?. <i>World Journal of Gastroenterology</i> , 2010 , 16, 1430-5	5.6	23
6	TNFalpha-dependent hepatic steatosis and liver degeneration caused by mutation of zebrafish S-adenosylhomocysteine hydrolase. <i>Development (Cambridge)</i> , 2009 , 136, 865-75	6.6	64
5	Constitutive expression of cyclo-oxygenase 2 transgene in hepatocytes protects against liver injury. <i>Biochemical Journal</i> , 2008 , 416, 337-46	3.8	24
4	Protection against Fas-induced liver apoptosis in transgenic mice expressing cyclooxygenase 2 in hepatocytes. <i>Hepatology</i> , 2007 , 45, 631-8	11.2	36
3	Dispensability and dynamics of caveolin-1 during liver regeneration and in isolated hepatic cells. <i>Hepatology</i> , 2007 , 46, 813-22	11.2	45
2	Cyclo-oxygenase 2 expression impairs serum-withdrawal-induced apoptosis in liver cells. <i>Biochemical Journal</i> , 2006 , 398, 371-80	3.8	22
1	Prostaglandin E2 promotes migration and adhesion in hepatocellular carcinoma cells. <i>Carcinogenesis</i> , 2005 , 26, 753-61	4.6	75