

# Rafael Mayoral Monibas

## List of Publications by Year in descending order

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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	In Situ Forming Injectable Thermoresponsive Hydrogels for Controlled Delivery of Biomacromolecules. ACS Omega, 2020, 5, 17531-17542.	3.5	36
2	Differential regulation of hepatic physiology and injury by the TAM receptors Axl and Mer. Life Science Alliance, 2020, 3, e202000694.	2.8	20
3	Targeting a ceramide double bond improves insulin resistance and hepatic steatosis. Science, 2019, 365, 386-392.	12.6	304
4	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
5	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
6	Distinct Hepatic Macrophage Populations in Lean and Obese Mice. Frontiers in Endocrinology, 2016, 7, 152.	3.5	10
7	Caveolin-1-dependent activation of the metalloprotease TACE/ADAM17 by TGF- $\beta^2$ in hepatocytes requires activation of Src and the NADPH oxidase NOX1. FEBS Journal, 2016, 283, 1300-1310.	4.7	21
8	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
9	GPR43 Potentiates $\beta^2$ -Cell Function in Obesity. Diabetes, 2015, 64, 3203-3217.	0.6	162
10	LTB4 promotes insulin resistance in obese mice by acting on macrophages, hepatocytes and myocytes. Nature Medicine, 2015, 21, 239-247.	30.7	252
11	Adipocyte SIRT1 knockout promotes PPAR $\gamma^3$ activity, adipogenesis and insulin sensitivity in chronic-HFD and obesity. Molecular Metabolism, 2015, 4, 378-391.	6.5	129
12	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
13	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
14	Hepatic Cyclooxygenase-2 Expression Protects Against Diet-Induced Steatosis, Obesity, and Insulin Resistance. Diabetes, 2015, 64, 1522-1531.	0.6	41
15	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
16	Characterization of Distinct Subpopulations of Hepatic Macrophages in HFD/Obese Mice. Diabetes, 2015, 64, 1120-1130.	0.6	143
17	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
18	Caveolin-1 is required for TGF- $\beta^2$ -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

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19	PPAR gamma pro12Ala polymorphism and type 2 diabetes: a study in a spanish cohort. Journal of Genetics Study, 2014, 2, 1.	0.0	2
20	Cyclooxygenase-2 overexpression inhibits liver apoptosis induced by hyperglycemia. Journal of Cellular Biochemistry, 2013, 114, 669-680.	2.6	21
21	Progression of liver oncogenesis in the double transgenic mice c-myc/TGF- $\beta$ 1 is not enhanced by cyclooxygenase-2 expression. Prostaglandins and Other Lipid Mediators, 2013, 106, 106-115.	1.9	3
22	Evaluation of epigenetic modulation of cyclooxygenase-2 as a prognostic marker for hepatocellular carcinoma. Oncogenesis, 2012, 1, e23-e23.	4.9	26
23	Cyclooxygenase-2 Is a Target of MicroRNA-16 in Human Hepatoma Cells. PLoS ONE, 2012, 7, e50935.	2.5	32
24	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
25	Protein Tyrosine Phosphatase 1B (PTP1B) Deficiency Accelerates Hepatic Regeneration in Mice. American Journal of Pathology, 2011, 178, 1591-1604.	3.8	35
26	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
27	Impairment of Transforming Growth Factor- $\beta$ 2 Signaling in Caveolin-1-deficient Hepatocytes. Journal of Biological Chemistry, 2010, 285, 3633-3642.	3.4	31
28	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
29	TNF- $\alpha$ -dependent hepatic steatosis and liver degeneration caused by mutation of zebrafish <i>s</i> -adenosylhomocysteine hydrolase. Development (Cambridge), 2009, 136, 865-875.	2.5	75
30	Constitutive expression of cyclo-oxygenase 2 transgene in hepatocytes protects against liver injury. Biochemical Journal, 2008, 416, 337-346.	3.7	27
31	Protection against Fas-induced liver apoptosis in transgenic mice expressing cyclooxygenase 2 in hepatocytes. Hepatology, 2007, 45, 631-638.	7.3	44
32	Dispensability and dynamics of caveolin-1 during liver regeneration and in isolated hepatic cells. Hepatology, 2007, 46, 813-822.	7.3	47
33	Cyclo-oxygenase 2 expression impairs serum-withdrawal-induced apoptosis in liver cells. Biochemical Journal, 2006, 398, 371-380.	3.7	27
34	Prostaglandin E2 promotes migration and adhesion in hepatocellular carcinoma cells. Carcinogenesis, 2005, 26, 753-761.	2.8	89