David FernÃ¡ndez-Ramos

List of Publications by Year
in descending order

47 papers	2,144 citations	185998 28 h-index	233125 45 g-index
47 all docs	47 docs citations	47 times ranked	3624 citing authors

#	Article	IF	Citations
1	Metabolomic Identification of Subtypes of Nonalcoholic Steatohepatitis. Gastroenterology, 2017, 152, 1449-1461.e7.	0.6	209
2	SARS-CoV-2 Infection Dysregulates the Metabolomic and Lipidomic Profiles of Serum. IScience, 2020, 23, 101645.	1.9	157
3	HuR/Methyl-HuR and AUF1 Regulate the MAT Expressed During Liver Proliferation, Differentiation, and Carcinogenesis. Gastroenterology, 2010, 138, 1943-1953.e3.	0.6	113
4	Murine double minute 2 regulates Hu antigen R stability in human liver and colon cancer through NEDDylation. Hepatology, 2012, 55, 1237-1248.	3.6	104
5	Role of aramchol in steatohepatitis and fibrosis in mice. Hepatology Communications, 2017, 1, 911-927.	2.0	84
6	Fatty liver and fibrosis in glycine N-methyltransferase knockout mice is prevented by nicotinamide. Hepatology, 2010, 52, 105-114.	3.6	81
7	Human antigen R contributes to hepatic stellate cell activation and liver fibrosis. Hepatology, 2012, 56, 1870-1882.	3.6	79
8	The mitochondrial negative regulator MCJ is a therapeutic target for acetaminophen-induced liver injury. Nature Communications, 2017, 8, 2068.	5.8	77
9	Silencing hepatic MCJ attenuates non-alcoholic fatty liver disease (NAFLD) by increasing mitochondrial fatty acid oxidation. Nature Communications, 2020, 11, 3360.	5.8	73
10	Evidence for LKB1/AMP-activated protein kinase/ endothelial nitric oxide synthase cascade regulated by hepatocyte growth factor, S-adenosylmethionine, and nitric oxide in hepatocyte proliferation. Hepatology, 2009, 49, 608-617.	3.6	69
11	Stabilization of LKB1 and Akt by neddylation regulates energy metabolism in liver cancer. Oncotarget, 2015, 6, 2509-2523.	0.8	69
12	Targeting Hepatic Glutaminase 1 Ameliorates Non-alcoholic Steatohepatitis by Restoring Very-Low-Density Lipoprotein Triglyceride Assembly. Cell Metabolism, 2020, 31, 605-622.e10.	7.2	68
13	Activation of LKB1-Akt pathway independent of phosphoinositide 3-kinase plays a critical role in the proliferation of hepatocellular carcinoma from nonalcoholic steatohepatitis. Hepatology, 2010, 52, 1621-1631.	3.6	60
14	Methionine and S-adenosylmethionine levels are critical regulators of PP2A activity modulating lipophagy during steatosis. Journal of Hepatology, 2016, 64, 409-418.	1.8	59
15	SUMOylation regulates LKB1 localization and its oncogenic activity in liver cancer. EBioMedicine, 2019, 40, 406-421.	2.7	56
16	HuR biological function involves RRM3-mediated dimerization and RNA binding by all three RRMs. Nucleic Acids Research, 2019, 47, 1011-1029.	6.5	56
17	Deregulated neddylation in liver fibrosis. Hepatology, 2017, 65, 694-709.	3.6	50
18	S-adenosylmethionine and proliferation: new pathways, new targets. Biochemical Society Transactions, 2008, 36, 848-852.	1.6	47

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19	S-Adenosylmethionine increases circulating very-low density lipoprotein clearance in non-alcoholic fatty liver disease. Journal of Hepatology, 2015, 62, 673-681.	1.8	44
20	Hepatoma Cells From Mice Deficient in Glycine N-Methyltransferase Have Increased RAS Signaling and Activation of Liver Kinase B1. Gastroenterology, 2012, 143, 787-798.e13.	0.6	40
21	MiR-873-5p acts as an epigenetic regulator in early stages of liver fibrosis and cirrhosis. Cell Death and Disease, 2018, 9, 958.	2.7	38
22	HuR/ELAVL1 drives malignant peripheral nerve sheath tumor growth and metastasis. Journal of Clinical Investigation, 2020, 130, 3848-3864.	3.9	38
23	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. Nature Communications, 2021, 12, 5068.	5.8	36
24	Methionine Adenosyltransferase 2B, HuR, and Sirtuin 1 Protein Cross-talk Impacts on the Effect of Resveratrol on Apoptosis and Growth in Liver Cancer Cells. Journal of Biological Chemistry, 2013, 288, 23161-23170.	1.6	35
25	miR-873-5p targets mitochondrial GNMT-Complex II interface contributing to non-alcoholic fatty liver disease. Molecular Metabolism, 2019, 29, 40-54.	3.0	35
26	Impaired liver regeneration in mice lacking glycine N-methyltransferase. Hepatology, 2009, 50, 443-452.	3.6	34
27	Histone deacetylase 4 promotes cholestatic liver injury in the absence of prohibitinâ€1. Hepatology, 2015, 62, 1237-1248.	3.6	34
28	Aramchol downregulates stearoyl CoA-desaturase 1 in hepatic stellate cells to attenuate cellular fibrogenesis. JHEP Reports, 2021, 3, 100237.	2.6	32
29	Neddylation, a novel paradigm in liver cancer. Translational Gastroenterology and Hepatology, 2018, 3, 37-37.	1.5	31
30	Metabolic subtypes of patients with NAFLD exhibit distinctive cardiovascular risk profiles. Hepatology, 2022, 76, 1121-1134.	3.6	31
31	A morphological method for ammonia detection in liver. PLoS ONE, 2017, 12, e0173914.	1.1	28
32	SerpinB3 Differently Up-Regulates Hypoxia Inducible Factors -1Î± and -2Î± in Hepatocellular Carcinoma: Mechanisms Revealing Novel Potential Therapeutic Targets. Cancers, 2019, 11, 1933.	1.7	22
33	Neddylation inhibition ameliorates steatosis in NAFLD by boosting hepatic fatty acid oxidation via the DEPTOR-mTOR axis. Molecular Metabolism, 2021, 53, 101275.	3.0	22
34	Magnesium accumulation upon cyclin M4 silencing activates microsomal triglyceride transfer protein improving NASH. Journal of Hepatology, 2021, 75, 34-45.	1.8	21
35	Arachidyl amido cholanoic acid improves liver glucose and lipid homeostasis in nonalcoholic steatohepatitis via AMPK and mTOR regulation. World Journal of Gastroenterology, 2020, 26, 5101-5117.	1.4	19
36	Depletion of mitochondrial methionine adenosyltransferase Î±1 triggers mitochondrial dysfunction in alcohol-associated liver disease. Nature Communications, 2022, 13, 557.	5.8	18

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37	NEDDylation in liver cancer: The regulation of the RNA binding protein Hu antigen R. Pancreatology, 2015, 15, S49-S54.	0.5	15
38	Metabolic Landscape of the Mouse Liver by Quantitative 31P Nuclear Magnetic Resonance Analysis of the Phosphorome. Hepatology, 2021, 74, 148-163.	3.6	13
39	The RNA-Binding Protein Human Antigen R Controls Global Changes in Gene Expression during Schwann Cell Development. Journal of Neuroscience, 2012, 32, 4944-4958.	1.7	12
40	Multi-Omics Integration Highlights the Role of Ubiquitination in CCl4-Induced Liver Fibrosis. International Journal of Molecular Sciences, 2020, 21, 9043.	1.8	12
41	Anti-miR-518d-5p overcomes liver tumor cell death resistance through mitochondrial activity. Cell Death and Disease, 2021, 12, 555.	2.7	10
42	Boosting mitochondria activity by silencing MCJ overcomes cholestasis-induced liver injury. JHEP Reports, 2021, 3, 100276.	2.6	5
43	Therapeutic Targeting of Fumaryl Acetoacetate Hydrolase in Hereditary Tyrosinemia Type I. International Journal of Molecular Sciences, 2021, 22, 1789.	1.8	3
44	Methionine Cycle Rewiring by Targeting miR-873-5p Modulates Ammonia Metabolism to Protect the Liver from Acetaminophen. Antioxidants, 2022, 11, 897.	2.2	3
45	PS-015-Role of methylation-controlled J-protein, endogenous repressor of the mitochondrial respiratory chain, in cholestatic liver disease. Journal of Hepatology, 2019, 70, e12.	1.8	1
46	Targeting Hepatic Glutaminase 1 Ameliorates Non-Alcoholic Steatohepatitis by Restoring Disrupted Hepatic Very-Low Density Lipoproteins Triglyceride Assembly. SSRN Electronic Journal, 0, , .	0.4	1
47	FRI-294-Mitochondrial GNMT-complex II is recovered by miR-873-5p targeting in NAFLD. Journal of Hepatology, 2019, 70, e524-e525.	1.8	0