Maria Luz Martinez Chantar

List of Publications by Citations

160 papers	7,018 citations	46 h-index	78 g-index
188 ext. papers	8,469 ext. citations	7.6 avg, IF	5.24 L-index

#	Paper	IF	Citations
160	Increased fibroblast growth factor 21 in obesity and nonalcoholic fatty liver disease. *Gastroenterology*, **2010**, 139, 456-63	13.3	406
159	Sustained proliferation in cancer: Mechanisms and novel therapeutic targets. *Seminars in Cancer Biology*, **2015**, 35 Suppl, S25-S54	12.7	321
158	Spontaneous oxidative stress and liver tumors in mice lacking methionine adenosyltransferase 1A. *FASEB Journal*, **2002**, 16, 1292-4	0.9	236
157	Schwann cell autophagy, myelinophagy, initiates myelin clearance from injured nerves. *Journal of Cell Biology*, **2015**, 210, 153-68	7.3	221
156	Salermide, a Sirtuin inhibitor with a strong cancer-specific proapoptotic effect. *Oncogene*, **2009**, 28, 781-91	9.2	221
155	Loss of the glycine N-methyltransferase gene leads to steatosis and hepatocellular carcinoma in mice. *Hepatology*, **2008**, 47, 1191-9	11.2	220
154	Methionine metabolism and liver disease. *Annual Review of Nutrition*, **2008**, 28, 273-93	9.9	210
153	Designing a broad-spectrum integrative approach for cancer prevention and treatment. *Seminars in Cancer Biology*, **2015**, 35 Suppl, S276-S304	12.7	179
152	Metabolomic Identification of Subtypes of Nonalcoholic Steatohepatitis. *Gastroenterology*, **2017**, 152, 1449-1461.e7	13.3	139
151	Obesity-dependent metabolic signatures associated with nonalcoholic fatty liver disease progression. *Journal of Proteome Research*, **2012**, 11, 2521-32	5.6	137
150	Neoangiogenesis-related genes are hallmarks of fast-growing hepatocellular carcinomas and worst survival. Results from a prospective study. *Gut*, **2016**, 65, 861-9	19.2	136
149	Sirtuin 1 regulation of developmental genes during differentiation of stem cells. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 13736-41	11.5	134
148	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. *Cell Metabolism*, **2017**, 26, 212-229.e12	24.6	128
147	Liquid chromatography-mass spectrometry-based parallel metabolic profiling of human and mouse model serum reveals putative biomarkers associated with the progression of nonalcoholic fatty liver disease. *Journal of Proteome Research*, **2010**, 9, 4501-12	5.6	119
146	S-adenosylmethionine and methylthioadenosine are antiapoptotic in cultured rat hepatocytes but proapoptotic in human hepatoma cells. *Hepatology*, **2002**, 35, 274-80	11.2	111
145	HuR/methyl-HuR and AUF1 regulate the MAT expressed during liver proliferation, differentiation, and carcinogenesis. *Gastroenterology*, **2010**, 138, 1943-53	13.3	95
144	mTORC1-dependent AMD1 regulation sustains polyamine metabolism in prostate cancer. *Nature*, **2017**, 547, 109-113	50.4	92

143	SIRT1 controls liver regeneration by regulating bile acid metabolism through farnesoid X receptor and mammalian target of rapamycin signaling. *Hepatology*, **2014**, 59, 1972-83	11.2	90
142	Murine double minute 2 regulates Hu antigen R stability in human liver and colon cancer through NEDDylation. *Hepatology*, **2012**, 55, 1237-48	11.2	89
141	Non-alcoholic steatohepatitis and animal models: understanding the human disease. *International Journal of Biochemistry and Cell Biology*, **2009**, 41, 969-76	5.6	88
140	Liver-specific deletion of prohibitin 1 results in spontaneous liver injury, fibrosis, and hepatocellular carcinoma in mice. *Hepatology*, **2010**, 52, 2096-108	11.2	84
139	Excess S-adenosylmethionine reroutes phosphatidylethanolamine towards phosphatidylcholine and triglyceride synthesis. *Hepatology*, **2013**, 58, 1296-305	11.2	81
138	S-adenosylmethionine regulates cytoplasmic HuR via AMP-activated kinase. *Gastroenterology*, **2006**, 131, 223-32	13.3	81
137	Regulation of rat liver S-adenosylmethionine synthetase during septic shock: role of nitric oxide. *Hepatology*, **1997**, 25, 391-6	11.2	77
136	Liver Angiopoietin-2 Is a Key Predictor of De Novo or Recurrent Hepatocellular Cancer After Hepatitis C Virus Direct-Acting Antivirals. *Hepatology*, **2018**, 68, 1010-1024	11.2	74
135	Expression of insulin-like growth factor I by activated hepatic stellate cells reduces fibrogenesis and enhances regeneration after liver injury. *Gut*, **2005**, 54, 134-41	19.2	72
134	5Smethylthioadenosine modulates the inflammatory response to endotoxin in mice and in rat hepatocytes. *Hepatology*, **2004**, 39, 1088-98	11.2	71
133	NO sensitizes rat hepatocytes to proliferation by modifying S-adenosylmethionine levels. *Gastroenterology*, **2002**, 122, 1355-63	13.3	71
132	Methionine adenosyltransferase II beta subunit gene expression provides a proliferative advantage in human hepatoma. *Gastroenterology*, **2003**, 124, 940-8	13.3	70
131	Inhibiting expression of specific genes in mammalian cells with 5Send-mutated U1 small nuclear RNAs targeted to terminal exons of pre-mRNA. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 8264-9	11.5	65
130	Fatty liver and fibrosis in glycine N-methyltransferase knockout mice is prevented by nicotinamide. *Hepatology*, **2010**, 52, 105-14	11.2	64
129	Metabolomic-based noninvasive serum test to diagnose nonalcoholic steatohepatitis: Results from discovery and validation cohorts. *Hepatology Communications*, **2018**, 2, 807-820	6	64
128	Methionine adenosyltransferase 1A gene deletion disrupts hepatic very low-density lipoprotein assembly in mice. *Hepatology*, **2011**, 54, 1975-86	11.2	63
127	Human antigen R contributes to hepatic stellate cell activation and liver fibrosis. *Hepatology*, **2012**, 56, 1870-82	11.2	62
126	Role of Aramchol in steatohepatitis and fibrosis in mice. *Hepatology Communications*, **2017**, 1, 911-927	6	61

125	L-methionine availability regulates expression of the methionine adenosyltransferase 2A gene in human hepatocarcinoma cells: role of S-adenosylmethionine. *Journal of Biological Chemistry*, **2003**, 278, 19885-90	5.4	61
124	The human liver fatty acid binding protein (FABP1) gene is activated by FOXA1 and PPARα and repressed by C/EBPα Implications in FABP1 down-regulation in nonalcoholic fatty liver disease. *Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids*, **2013**, 1831, 803-18	5	60
123	Mitochondrial GSH determines the toxic or therapeutic potential of superoxide scavenging in steatohepatitis. *Journal of Hepatology*, **2012**, 57, 852-9	13.4	60
122	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, 608-17	11.2	57
121	S-adenosylmethionine levels regulate the schwann cell DNA methylome. *Neuron*, **2014**, 81, 1024-1039	13.9	56
120	Stabilization of LKB1 and Akt by neddylation regulates energy metabolism in liver cancer. *Oncotarget*, **2015**, 6, 2509-23	3.3	55
119	Serum Metabolites as Diagnostic Biomarkers for Cholangiocarcinoma, Hepatocellular Carcinoma, and Primary Sclerosing Cholangitis. *Hepatology*, **2019**, 70, 547-562	11.2	54
118	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, 1621-31	11.2	52
117	Insulin-like growth factor I improves intestinal barrier function in cirrhotic rats. *Gut*, **2006**, 55, 1306-12	19.2	48
116	Activation of a novel c-Myc-miR27-prohibitin 1 circuitry in cholestatic liver injury inhibits glutathione synthesis in mice. *Antioxidants and Redox Signaling*, **2015**, 22, 259-74	8.4	47
115	Inhibition of natural killer cells protects the liver against acute injury in the absence of glycine N-methyltransferase. *Hepatology*, **2012**, 56, 747-59	11.2	47
114	Proteomic profiling of adipose tissue from Zmpste24-/- mice, a model of lipodystrophy and premature aging, reveals major changes in mitochondrial function and vimentin processing. *Molecular and Cellular Proteomics*, **2011**, 10, M111.008094	7.6	46
113	The mitochondrial negative regulator MCJ is a therapeutic target for acetaminophen-induced liver injury. *Nature Communications*, **2017**, 8, 2068	17.4	45
112	The C-terminal RNA binding motif of HuR is a multi-functional domain leading to HuR oligomerization and binding to U-rich RNA targets. *RNA Biology*, **2014**, 11, 1250-61	4.8	44
111	Identification of a gene-pathway associated with non-alcoholic steatohepatitis. *Journal of Hepatology*, **2007**, 46, 708-18	13.4	44
110	Methionine and S-adenosylmethionine levels are critical regulators of PP2A activity modulating lipophagy during steatosis. *Journal of Hepatology*, **2016**, 64, 409-418	13.4	43
109	S-Adenosylmethionine revisited: its essential role in the regulation of liver function. *Alcohol*, **2002**, 27, 163-7	2.7	43
108	Targeting of Gamma-Glutamyl-Cysteine Ligase by miR-433 Reduces Glutathione Biosynthesis and Promotes TGF-Dependent Fibrogenesis. *Antioxidants and Redox Signaling*, **2015**, 23, 1092-105	8.4	41

107	Binding of S-methyl-5Sthioadenosine and S-adenosyl-L-methionine to protein MJ0100 triggers an open-to-closed conformational change in its CBS motif pair. *Journal of Molecular Biology*, **2010**, 396, 800-20	6.5	41
106	Sphingolipids in Non-Alcoholic Fatty Liver Disease and Hepatocellular Carcinoma: Ceramide Turnover. *International Journal of Molecular Sciences*, **2019**, 21,	6.3	41
105	S-adenosylmethionine and proliferation: new pathways, new targets. *Biochemical Society Transactions*, **2008**, 36, 848-52	5.1	40
104	Non-alcoholic fatty liver disease proteomics. *Proteomics - Clinical Applications*, **2010**, 4, 362-71	3.1	38
103	Microenvironment inflammatory infiltrate drives growth speed and outcome of hepatocellular carcinoma: a prospective clinical study. *Cell Death and Disease*, **2017**, 8, e3017	9.8	36
102	Integrative genomic signatures of hepatocellular carcinoma derived from nonalcoholic Fatty liver disease. *PLoS ONE*, **2015**, 10, e0124544	3.7	36
101	Structural Basis of the Oncogenic Interaction of Phosphatase PRL-1 with the Magnesium Transporter CNNM2. *Journal of Biological Chemistry*, **2017**, 292, 786-801	5.4	35
100	Regulation of mammalian liver methionine adenosyltransferase. *Journal of Nutrition*, **2002**, 132, 2377S-2381S	4.1	35
99	Silencing hepatic MCJ attenuates non-alcoholic fatty liver disease (NAFLD) by increasing mitochondrial fatty acid oxidation. *Nature Communications*, **2020**, 11, 3360	17.4	34
98	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	13.3	34
97	Hepatic p63 regulates steatosis via IKK/ER stress. *Nature Communications*, **2017**, 8, 15111	17.4	32
96	Prohibitin 1 suppresses liver cancer tumorigenesis in mice and human hepatocellular and cholangiocarcinoma cells. *Hepatology*, **2017**, 65, 1249-1266	11.2	32
95	S-Adenosylmethionine increases circulating very-low density lipoprotein clearance in non-alcoholic fatty liver disease. *Journal of Hepatology*, **2015**, 62, 673-81	13.4	31
94	Impaired liver regeneration in mice lacking glycine N-methyltransferase. *Hepatology*, **2009**, 50, 443-52	11.2	31
93	Causes of hOCT1-Dependent Cholangiocarcinoma Resistance to Sorafenib and Sensitization by Tumor-Selective Gene Therapy. *Hepatology*, **2019**, 70, 1246-1261	11.2	30
92	S-adenosylmethionine regulates apurinic/apyrimidinic endonuclease 1 stability: implication in hepatocarcinogenesis. *Gastroenterology*, **2009**, 136, 1025-36	13.3	30
91	Id2 leaves the chromatin of the E2F4-p130-controlled c-myc promoter during hepatocyte priming for liver regeneration. *Biochemical Journal*, **2006**, 398, 431-7	3.8	30
90	Epigenetic events involved in organic cation transporter 1-dependent impaired response of hepatocellular carcinoma to sorafenib. *British Journal of Pharmacology*, **2019**, 176, 787-800	8.6	30

89	HuR biological function involves RRM3-mediated dimerization and RNA binding by all three RRMs. *Nucleic Acids Research*, **2019**, 47, 1011-1029	20.1	30
88	Crystal structure of MJ1247 protein from M. jannaschii at 2.0 A resolution infers a molecular function of 3-hexulose-6-phosphate isomerase. *Structure*, **2002**, 10, 195-204	5.2	29
87	SUMOylation regulates LKB1 localization and its oncogenic activity in liver cancer. *EBioMedicine*, **2019**, 40, 406-421	8.8	29
86	Deregulated neddylation in liver fibrosis. *Hepatology*, **2017**, 65, 694-709	11.2	28
85	MiR-873-5p acts as an epigenetic regulator in early stages of liver fibrosis and cirrhosis. *Cell Death and Disease*, **2018**, 9, 958	9.8	28
84	An update on the use of benzoate, phenylacetate and phenylbutyrate ammonia scavengers for interrogating and modifying liver nitrogen metabolism and its implications in urea cycle disorders and liver disease. *Expert Opinion on Drug Metabolism and Toxicology*, **2017**, 13, 439-448	5.5	27
83	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, 23161-70	5.4	27
82	A DNA methylation signature associated with the epigenetic repression of glycine N-methyltransferase in human hepatocellular carcinoma. *Journal of Molecular Medicine*, **2013**, 91, 939-50	5.5	26
81	GARBAN: genomic analysis and rapid biological annotation of cDNA microarray and proteomic data. *Bioinformatics*, **2003**, 19, 2158-60	7.2	26
80	Stratification and therapeutic potential of PML in metastatic breast cancer. *Nature Communications*, **2016**, 7, 12595	17.4	26
79	Histone deacetylase 4 promotes cholestatic liver injury in the absence of prohibitin-1. *Hepatology*, **2015**, 62, 1237-48	11.2	25
78	Novel function and intracellular localization of methionine adenosyltransferase 2beta splicing variants. *Journal of Biological Chemistry*, **2010**, 285, 20015-21	5.4	25
77	Targeting Hepatic Glutaminase 1 Ameliorates Non-alcoholic Steatohepatitis by Restoring Very-Low-Density Lipoprotein Triglyceride Assembly. *Cell Metabolism*, **2020**, 31, 605-622.e10	24.6	24
76	Role of thioltransferases on the modulation of rat liver S-adenosylmethionine synthetase activity by glutathione. *FEBS Letters*, **1996**, 397, 293-7	3.8	23
75	Obese patients with NASH have increased hepatic expression of SARS-CoV-2 critical entry points. *Journal of Hepatology*, **2021**, 74, 469-471	13.4	23
74	Current Structural Knowledge on the CNNM Family of Magnesium Transport Mediators. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	22
73	Ubiquitin profiling in liver using a transgenic mouse with biotinylated ubiquitin. *Journal of Proteome Research*, **2014**, 13, 3016-26	5.6	22
72	Metabolomics discloses potential biomarkers for the noninvasive diagnosis of idiopathic portal hypertension. *American Journal of Gastroenterology*, **2013**, 108, 926-32	0.7	21

71	TRAIL-producing NK cells contribute to liver injury and related fibrogenesis in the context of GNMT deficiency. *Laboratory Investigation*, **2015**, 95, 223-36	5.9	21
70	Fine-Tuning of Sirtuin 1 Expression Is Essential to Protect the Liver From Cholestatic Liver Disease. *Hepatology*, **2019**, 69, 699-716	11.2	21
69	Methionine adenosyltransferase and S-adenosylmethionine in alcoholic liver disease. *Journal of Gastroenterology and Hepatology (Australia)*, **2006**, 21 Suppl 3, S61-4	4	20
68	The L-α-Lysophosphatidylinositol/G Protein-Coupled Receptor 55 System Induces the Development of Nonalcoholic Steatosis and Steatohepatitis. *Hepatology*, **2021**, 73, 606-624	11.2	19
67	Neddylation, a novel paradigm in liver cancer. *Translational Gastroenterology and Hepatology*, **2018**, 3, 37	5.2	19
66	Repression of the nuclear receptor small heterodimer partner by steatotic drugs and in advanced nonalcoholic fatty liver disease. *Molecular Pharmacology*, **2015**, 87, 582-94	4.3	18
65	Solute carrier family 2 member 1 is involved in the development of nonalcoholic fatty liver disease. *Hepatology*, **2013**, 57, 505-14	11.2	18
64	A morphological method for ammonia detection in liver. *PLoS ONE*, **2017**, 12, e0173914	3.7	18
63	miR-873-5p targets mitochondrial GNMT-Complex II interface contributing to non-alcoholic fatty liver disease. *Molecular Metabolism*, **2019**, 29, 40-54	8.8	17
62	Glycine N-methyltransferase expression in the hippocampus and its role in neurogenesis and cognitive performance. *Hippocampus*, **2014**, 24, 840-52	3.5	17
61	Role of AMP-activated protein kinase in the control of hepatocyte priming and proliferation during liver regeneration. *Experimental Biology and Medicine*, **2011**, 236, 402-8	3.7	17
60	Pilot Multi-Omic Analysis of Human Bile from Benign and Malignant Biliary Strictures: A Machine-Learning Approach. *Cancers*, **2020**, 12,	6.6	15
59	The Need for Biomarkers in Diagnosis and Prognosis of Drug-Induced Liver Disease: Does Metabolomics Have Any Role?. *BioMed Research International*, **2015**, 2015, 386186	3	15
58	Involvement of G protein-coupled receptor kinase 2 (GRK2) in the development of non-alcoholic steatosis and steatohepatitis in mice and humans. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2018**, 1864, 3655-3667	6.9	15
57	AISF position paper on liver transplantation and pregnancy: Women in Hepatology Group, Italian Association for the Study of the Liver (AISF). *Digestive and Liver Disease*, **2016**, 48, 860-8	3.3	14
56	High-frequency ultrasound imaging for longitudinal evaluation of non-alcoholic fatty liver disease progression in mice. *Ultrasound in Medicine and Biology*, **2011**, 37, 1161-9	3.5	14
55	Regulation of oxidative stress by methylation-controlled J protein controls macrophage responses to inflammatory insults. *Journal of Infectious Diseases*, **2015**, 211, 135-45	7	13
54	NEDDylation in liver cancer: The regulation of the RNA binding protein Hu antigen R. *Pancreatology* , **2015**, 15, S49-54	3.8	12

53	HuR/ELAVL1 drives malignant peripheral nerve sheath tumor growth and metastasis. *Journal of Clinical Investigation*, **2020**, 130, 3848-3864	15.9	12
52	Nutraceutical Properties of Polyphenols against Liver Diseases. *Nutrients*, **2020**, 12,	6.7	12
51	A Novel Serum Metabolomic Profile for the Differential Diagnosis of Distal Cholangiocarcinoma and Pancreatic Ductal Adenocarcinoma. *Cancers*, **2020**, 12,	6.6	11
50	The immunosuppressive effect of the tick protein, Salp15, is long-lasting and persists in a murine model of hematopoietic transplant. *Scientific Reports*, **2017**, 7, 10740	4.9	11
49	Assignment of a single disulfide bridge in rat liver methionine adenosyltransferase. *FEBS Journal*, **2000**, 267, 132-7		11
48	The CBS domain protein MJ0729 of Methanocaldococcus jannaschii is a thermostable protein with a pH-dependent self-oligomerization. *Biochemistry*, **2009**, 48, 2760-76	3.2	10
47	The role of stem cells/progenitor cells in liver carcinogenesis in glycine N-methyltransferase deficient mice. *Experimental and Molecular Pathology*, **2010**, 88, 234-7	4.4	10
46	Arachidyl amido cholanoic acid improves liver glucose and lipid homeostasis in nonalcoholic steatohepatitis AMPK and mTOR regulation. *World Journal of Gastroenterology*, **2020**, 26, 5101-5117	5.6	10
45	E2F1 and E2F2-Mediated Repression of CPT2 Establishes a Lipid-Rich Tumor-Promoting Environment. *Cancer Research*, **2021**, 81, 2874-2887	10.1	10
44	Metabolomics as a diagnostic tool for idiopathic non-cirrhotic portal hypertension. *Liver International*, **2016**, 36, 1051-8	7.9	10
43	SerpinB3 Differently Up-Regulates Hypoxia Inducible Factors -1α and -2α in Hepatocellular Carcinoma: Mechanisms Revealing Novel Potential Therapeutic Targets. *Cancers*, **2019**, 11,	6.6	10
42	Methionine Adenosyltransferase 1α Is Targeted to the Mitochondrial Matrix and Interacts with Cytochrome P450 2E1 to Lower Its Expression. *Hepatology*, **2019**, 70, 2018-2034	11.2	9
41	Systems biology for hepatologists. *Hepatology*, **2014**, 60, 736-43	11.2	9
40	The promyelocytic leukemia protein is upregulated in conditions of obesity and liver steatosis. *International Journal of Biological Sciences*, **2015**, 11, 629-32	11.2	9
39	The RNA-binding protein human antigen R controls global changes in gene expression during Schwann cell development. *Journal of Neuroscience*, **2012**, 32, 4944-58	6.6	9
38	S-Adenosylmethionine regulates connexins sub-types expressed by hepatocytes. *European Journal of Cell Biology*, **2011**, 90, 312-22	6.1	9
37	S-adenosyl-L-methionine modifies antioxidant-enzymes, glutathione-biosynthesis and methionine adenosyltransferases-1/2 in hepatitis C virus-expressing cells. *World Journal of Gastroenterology*, **2016**, 22, 3746-57	5.6	9
36	Revisiting the Role of Natural Killer Cells in Non-Alcoholic Fatty Liver Disease. *Frontiers in Immunology*, **2021**, 12, 640869	8.4	9

35	Liver osteopontin is required to prevent the progression of age-related nonalcoholic fatty liver disease. *Aging Cell*, **2020**, 19, e13183	9.9	8
34	Post-translational modifiers of liver kinase B1/serine/threonine kinase 11 in hepatocellular carcinoma. *Journal of Hepatocellular Carcinoma*, **2019**, 6, 85-91	5.3	8
33	Biphasic adaptative responses in VLDL metabolism and lipoprotein homeostasis during Gram-negative endotoxemia. *Innate Immunity*, **2012**, 18, 89-99	2.7	8
32	Ubiquitin-Like Post-Translational Modifications (Ubl-PTMs): Small Peptides with Huge Impact in Liver Fibrosis. *Cells*, **2019**, 8,	7.9	7
31	The N-terminal domain of the enzyme I is a monomeric well-folded protein with a low conformational stability and residual structure in the unfolded state. *Protein Engineering, Design and Selection*, **2010**, 23, 729-42	1.9	6
30	Crystallization and preliminary crystallographic analysis of merohedrally twinned crystals of MJ0729, a CBS-domain protein from Methanococcus jannaschii. *Acta Crystallographica Section F: Structural Biology Communications*, **2008**, 64, 605-9		6
29	SAMe and HuR in liver physiology: usefulness of stem cells in hepatic differentiation research. *Methods in Molecular Biology*, **2012**, 826, 133-49	1.4	6
28	Structural Insights into the Intracellular Region of the Human Magnesium Transport Mediator CNNM4. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	6
27	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. *Nature Communications*, **2021**, 12, 5068	17.4	5
26	GRK2-Dependent HuR Phosphorylation Regulates HIF1 Activation under Hypoxia or Adrenergic Stress. *Cancers*, **2020**, 12,	6.6	4
25	Purification, crystallization and preliminary crystallographic analysis of protein MJ1225 from Methanocaldococcus jannaschii, a putative archaeal homologue of gamma-AMPK. *Acta Crystallographica Section F: Structural Biology Communications*, **2009**, 65, 813-7		4
24	Purification, crystallization and preliminary X-ray diffraction analysis of the CBS-domain pair from the Methanococcus jannaschii protein MJ0100. *Acta Crystallographica Section F: Structural Biology Communications*, **2008**, 64, 936-41		4
23	Multi-Omics Integration Highlights the Role of Ubiquitination in CCl-Induced Liver Fibrosis. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	4
22	Magnesium accumulation upon cyclin M4 silencing activates microsomal triglyceride transfer protein improving NASH. *Journal of Hepatology*, **2021**, 75, 34-45	13.4	4
21	Plasticity of adult hepatocytes and readjustment of cell fate: a novel dogma in liver disease. *Gut*, **2019**, 68, 954-956	19.2	3
20	Dual Targeting of G9a and DNA Methyltransferase-1 for the Treatment of Experimental Cholangiocarcinoma. *Hepatology*, **2021**, 73, 2380-2396	11.2	3
19	Genomic and Functional Regulation of TRIB1 Contributes to Prostate Cancer Pathogenesis. *Cancers* , **2020**, 12,	6.6	3
18	Anti-miR-518d-5p overcomes liver tumor cell death resistance through mitochondrial activity. *Cell Death and Disease*, **2021**, 12, 555	9.8	2

17	SUMO-Binding Entities (SUBEs) as Tools for the Enrichment, Isolation, Identification, and Characterization of the SUMO Proteome in Liver Cancer. *Journal of Visualized Experiments*, **2019**,	1.6	2
16	Targeting UBC9-mediated protein hyper-SUMOylation in cystic cholangiocytes halts polycystic liver disease in experimental models. *Journal of Hepatology*, **2021**, 74, 394-406	13.4	2
15	Neddylation inhibition ameliorates steatosis in NAFLD by boosting hepatic fatty acid oxidation via the DEPTOR-mTOR axis. *Molecular Metabolism*, **2021**, 53, 101275	8.8	2
14	Methionine adenosyltransferase 1a antisense oligonucleotides activate the liver-brown adipose tissue axis preventing obesity and associated hepatosteatosis.. *Nature Communications*, **2022**, 13, 1096	17.4	2
13	Dual Pharmacological Targeting of HDACs and PDE5 Inhibits Liver Disease Progression in a Mouse Model of Biliary Inflammation and Fibrosis. *Cancers*, **2020**, 12,	6.6	1
12	Genetic and pharmacological inhibition of XBP1 protects against APAP hepatotoxicity through the activation of autophagy.. *Cell Death and Disease*, **2022**, 13, 143	9.8	1
11	Targeting Hepatic Glutaminase 1 Ameliorates Non-Alcoholic Steatohepatitis by Restoring Disrupted Hepatic Very-Low Density Lipoproteins Triglyceride Assembly. *SSRN Electronic Journal*,	1	1
10	Prognostic significance of hypoxic and metabolic gene profiling in hepatocellular carcinoma. *Liver Cancer International*, **2021**, 2, 15-26	0.8	1
9	Inhibition of NAE-dependent protein hyper-NEDDylation in cystic cholangiocytes halts cystogenesis in experimental models of polycystic liver disease. *United European Gastroenterology Journal*, **2021**, 9, 848	5.3	1
8	Atorvastatin provides a new lipidome improving early regeneration after partial hepatectomy in osteopontin deficient mice. *Scientific Reports*, **2018**, 8, 14626	4.9	1
7	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. *Journal of Hepatology*, **2021**,	13.4	1
6	Methionine Cycle Rewiring by Targeting miR-873-5p Modulates Ammonia Metabolism to Protect the Liver from Acetaminophen. *Antioxidants*, **2022**, 11, 897	7.1	1
5	Boosting mitochondria activity by silencing MCJ overcomes cholestasis-induced liver injury. *JHEP Reports*, **2021**, 3, 100276	10.3	0
4	Borrelia burgdorferi infection induces long-term memory-like responses in macrophages with tissue-wide consequences in the heart. *PLoS Biology*, **2021**, 19, e3001062	9.7	0
3	Glutamine, fatty liver disease and aging. *Aging*, **2021**, 13, 3165-3166	5.6	0
2	Hu Antigen R (HuR) Protein Structure, Function and Regulation in Hepatobiliary Tumors. *Cancers*, **2022**, 14, 2666	6.6	0
1	PI3K-regulated Glycine N-methyltransferase is required for the development of prostate cancer.. *Oncogenesis*, **2022**, 11, 10	6.6	