Maria Luz Martinez Chantar

List of Publications by Year
in descending order

183	9,608	31902 53	46693 89
papers	citations	h-index	g-index

188	188	188	15262
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Increased Fibroblast Growth Factor 21 in Obesity and Nonalcoholic Fatty Liver Disease. Gastroenterology, 2010, 139, 456-463.	0.6	495
2	Sustained proliferation in cancer: Mechanisms and novel therapeutic targets. Seminars in Cancer Biology, 2015, 35, S25-S54.	4.3	468
3	Schwann cell autophagy, myelinophagy, initiates myelin clearance from injured nerves. Journal of Cell Biology, 2015, 210, 153-168.	2.3	322
4	Loss of the glycine N-methyltransferase gene leads to steatosis and hepatocellular carcinoma in mice. Hepatology, 2008, 47, 1191-1199.	3.6	262
5	Spontaneous oxidative stress and liver tumors in mice lacking methionine adenosyltransferase 1A. FASEB Journal, 2002, 16, 1292-1294.	0.2	259
6	Methionine Metabolism and Liver Disease. Annual Review of Nutrition, 2008, 28, 273-293.	4.3	253
7	Salermide, a Sirtuin inhibitor with a strong cancer-specific proapoptotic effect. Oncogene, 2009, 28, 781-791.	2.6	244
8	Designing a broad-spectrum integrative approach for cancer prevention and treatment. Seminars in Cancer Biology, 2015, 35, S276-S304.	4.3	220
9	Metabolomic Identification of Subtypes of Nonalcoholic Steatohepatitis. Gastroenterology, 2017, 152, 1449-1461.e7.	0.6	209
10	Neoangiogenesis-related genes are hallmarks of fast-growing hepatocellular carcinomas and worst survival. Results from a prospective study. Gut, 2016, 65, 861-869.	6.1	207
11	Obesity-Dependent Metabolic Signatures Associated with Nonalcoholic Fatty Liver Disease Progression. Journal of Proteome Research, 2012, 11, 2521-2532.	1.8	183
12	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. Cell Metabolism, 2017, 26, 212-229.e12.	7.2	167
13	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, 13736-13741.	3.3	154
14	Liquid Chromatographyâ^'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, 4501-4512.	1.8	144
15	mTORC1-dependent AMD1 regulation sustains polyamine metabolism in prostate cancer. Nature, 2017, 547, 109-113.	13.7	142
16	S-adenosylmethionine and methylthioadenosine are antiapoptotic in cultured rat hepatocytes but proapoptotic in human hepatoma cells. Hepatology, 2002, 35, 274-280.	3.6	118
17	Metabolomicâ€based noninvasive serum test to diagnose nonalcoholic steatohepatitis: Results from discovery and validation cohorts. Hepatology Communications, 2018, 2, 807-820.	2.0	117
18	HuR/Methyl-HuR and AUF1 Regulate the MAT Expressed During Liver Proliferation, Differentiation, and Carcinogenesis. Gastroenterology, 2010, 138, 1943-1953.e3.	0.6	113

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19	Serum Metabolites as Diagnostic Biomarkers for Cholangiocarcinoma, Hepatocellular Carcinoma, and Primary Sclerosing Cholangitis. Hepatology, 2019, 70, 547-562.	3.6	112
20	Liver-specific deletion of prohibitin 1 results in spontaneous liver injury, fibrosis, and hepatocellular carcinoma in mice. Hepatology, 2010, 52, 2096-2108.	3.6	107
21	Liver Angiopoietinâ€2 Is a Key Predictor of D e N ovo or Recurrent Hepatocellular Cancer After Hepatitis C Virus Directâ€Acting Antivirals. Hepatology, 2018, 68, 1010-1024.	3.6	106
22	SIRT1 controls liver regeneration by regulating bile acid metabolism through farnesoid X receptor and mammalian target of rapamycin signaling. Hepatology, 2014, 59, 1972-1983.	3.6	105
23	Non-alcoholic steatohepatitis and animal models: Understanding the human disease. International Journal of Biochemistry and Cell Biology, 2009, 41, 969-976.	1.2	104
24	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
25	Excess S-adenosylmethionine reroutes phosphatidylethanolamine towards phosphatidylcholine and triglyceride synthesis. Hepatology, 2013, 58, 1296-1305.	3.6	100
26	Expression of insulin-like growth factor I by activated hepatic stellate cells reduces fibrogenesis and enhances regeneration after liver injury. Gut, 2005, 54, 134-141.	6.1	95
27	5â€²-methylthioadenosine modulates the inflammatory response to endotoxin in mice and in rat hepatocytes. Hepatology, 2004, 39, 1088-1098.	3.6	91
28	Sâ€“Adenosylmethionine Regulates Cytoplasmic HuR Via AMPâ€“Activated Kinase. Gastroenterology, 2006, 131, 223-232.	0.6	87
29	Regulation of rat liverS-adenosylmethionine synthetase during septic shock: Role of nitric oxide. Hepatology, 1997, 25, 391-396.	3.6	86
30	Role of aramchol in steatohepatitis and fibrosis in mice. Hepatology Communications, 2017, 1, 911-927.	2.0	84
31	Fatty liver and fibrosis in glycine N-methyltransferase knockout mice is prevented by nicotinamide. Hepatology, 2010, 52, 105-114.	3.6	81
32	Methionine adenosyltransferase 1A gene deletion disrupts hepatic very low-density lipoprotein assembly in mice. Hepatology, 2011, 54, 1975-1986.	3.6	81
33	Human antigen R contributes to hepatic stellate cell activation and liver fibrosis. Hepatology, 2012, 56, 1870-1882.	3.6	79
34	Inhibiting expression of specific genes in mammalian cells with 5â€² end-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, 8264-8269.	3.3	78
35	NO sensitizes rat hepatocytes to proliferation by modifying S-adenosylmethionine levels. Gastroenterology, 2002, 122, 1355-1363.	0.6	77
36	The mitochondrial negative regulator MCJ is a therapeutic target for acetaminophen-induced liver injury. Nature Communications, 2017, 8, 2068.	5.8	77

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37	The human liver fatty acid binding protein (FABP1) gene is activated by FOXA1 and PPARÎ±; and repressed by C/EBPÎ±: Implications in FABP1 down-regulation in nonalcoholic fatty liver disease. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 803-818.	1.2	73
38	Sphingolipids in Non-Alcoholic Fatty Liver Disease and Hepatocellular Carcinoma: Ceramide Turnover. International Journal of Molecular Sciences, 2020, 21, 40.	1.8	73
39	Silencing hepatic MCJ attenuates non-alcoholic fatty liver disease (NAFLD) by increasing mitochondrial fatty acid oxidation. Nature Communications, 2020, 11, 3360.	5.8	73
40	Methionine adenosyltransferase II Î² subunit gene expression provides a proliferative advantage in human hepatoma. Gastroenterology, 2003, 124, 940-948.	0.6	72
41	L-Methionine Availability Regulates Expression of the Methionine Adenosyltransferase 2A Gene in Human Hepatocarcinoma Cells. Journal of Biological Chemistry, 2003, 278, 19885-19890.	1.6	72
42	Mitochondrial GSH determines the toxic or therapeutic potential of superoxide scavenging in steatohepatitis. Journal of Hepatology, 2012, 57, 852-859.	1.8	70
43	Integrative Genomic Signatures Of Hepatocellular Carcinoma Derived from Nonalcoholic Fatty Liver Disease. PLoS ONE, 2015, 10, e0124544.	1.1	70
44	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
45	Stabilization of LKB1 and Akt by neddylation regulates energy metabolism in liver cancer. Oncotarget, 2015, 6, 2509-2523.	0.8	69
46	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
47	S-adenosylmethionine Levels Regulate the Schwann Cell DNA Methylome. Neuron, 2014, 81, 1024-1039.	3.8	67
48	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
49	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
50	Insulin-like growth factor I improves intestinal barrier function in cirrhotic rats. Gut, 2006, 55, 1306-1312.	6.1	58
51	Inhibition of natural killer cells protects the liver against acute injury in the absence of glycine N-methyltransferase. Hepatology, 2012, 56, 747-759.	3.6	58
52	Proteomic Profiling of Adipose Tissue from Zmpste24â^'/â^' 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.	2.5	56
53	SUMOylation regulates LKB1 localization and its oncogenic activity in liver cancer. EBioMedicine, 2019, 40, 406-421.	2.7	56
54	HuR biological function involves RRM3-mediated dimerization and RNA binding by all three RRMs. Nucleic Acids Research, 2019, 47, 1011-1029.	6.5	56

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55	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, 259-274.	2.5	55
56	Identification of a gene-pathway associated with non-alcoholic steatohepatitis. Journal of Hepatology, 2007, 46, 708-718.	1.8	52
57	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, 1250-1261.	1.5	52
58	Obese patients with NASH have increased hepatic expression of SARS-CoV-2 critical entry points. Journal of Hepatology, 2021, 74, 469-471.	1.8	51
59	Deregulated neddylation in liver fibrosis. Hepatology, 2017, 65, 694-709.	3.6	50
60	Targeting of Gamma-Glutamyl-Cysteine Ligase by miR-433 Reduces Glutathione Biosynthesis and Promotes TGF-Î²-Dependent Fibrogenesis. Antioxidants and Redox Signaling, 2015, 23, 1092-1105.	2.5	49
61	Structural Basis of the Oncogenic Interaction of Phosphatase PRL-1 with the Magnesium Transporter CNNM2. Journal of Biological Chemistry, 2017, 292, 786-801.	1.6	48
62	S-adenosylmethionine and proliferation: new pathways, new targets. Biochemical Society Transactions, 2008, 36, 848-852.	1.6	47
63	S-Adenosylmethionine revisited. Alcohol, 2002, 27, 163-167.	0.8	46
64	Stratification and therapeutic potential of PML in metastatic breast cancer. Nature Communications, 2016, 7, 12595.	5.8	45
65	Hepatic p63 regulates steatosis via IKKÎ²/ER stress. Nature Communications, 2017, 8, 15111.	5.8	45
66	Microenvironment inflammatory infiltrate drives growth speed and outcome of hepatocellular carcinoma: a prospective clinical study. Cell Death and Disease, 2017, 8, e3017-e3017.	2.7	45
67	Nonâ€alcoholic fatty liver disease proteomics. Proteomics - Clinical Applications, 2010, 4, 362-371.	0.8	44
68	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
69	Prohibitin 1 suppresses liver cancer tumorigenesis in mice and human hepatocellular and cholangiocarcinoma cells. Hepatology, 2017, 65, 1249-1266.	3.6	44
70	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.	1.5	44
71	Binding of S-Methyl-5â€²-Thioadenosine 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, 800-820.	2.0	42
72	Current Structural Knowledge on the CNNM Family of Magnesium Transport Mediators. International Journal of Molecular Sciences, 2019, 20, 1135.	1.8	42

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73	The Lâ€Ì±â€Lysophosphatidylinositol/G Proteinâ€“Coupled Receptor 55 System Induces the Development of Nonalcoholic Steatosis and Steatohepatitis. Hepatology, 2021, 73, 606-624.	3.6	42
74	Causes of hOCT1â€Dependent Cholangiocarcinoma Resistance to Sorafenib and Sensitization by Tumorâ€Selective Gene Therapy. Hepatology, 2019, 70, 1246-1261.	3.6	41
75	Regulation of Mammalian Liver Methionine Adenosyltransferase. Journal of Nutrition, 2002, 132, 2377S-2381S.	1.3	40
76	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
77	Epigenetic events involved in organic cation transporter 1â€dependent impaired response of hepatocellular carcinoma to sorafenib. British Journal of Pharmacology, 2019, 176, 787-800.	2.7	39
78	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
79	Pilot Multi-Omic Analysis of Human Bile from Benign and Malignant Biliary Strictures: A Machine-Learning Approach. Cancers, 2020, 12, 1644.	1.7	38
80	HuR/ELAVL1 drives malignant peripheral nerve sheath tumor growth and metastasis. Journal of Clinical Investigation, 2020, 130, 3848-3864.	3.9	38
81	Id2 leaves the chromatin of the E2F4â€“p130-controlled c-myc promoter during hepatocyte priming for liver regeneration. Biochemical Journal, 2006, 398, 431-437.	1.7	37
82	Revisiting the Role of Natural Killer Cells in Non-Alcoholic Fatty Liver Disease. Frontiers in Immunology, 2021, 12, 640869.	2.2	37
83	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. Nature Communications, 2021, 12, 5068.	5.8	36
84	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
85	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
86	Impaired liver regeneration in mice lacking glycine N-methyltransferase. Hepatology, 2009, 50, 443-452.	3.6	34
87	Histone deacetylase 4 promotes cholestatic liver injury in the absence of prohibitinâ€1. Hepatology, 2015, 62, 1237-1248.	3.6	34
88	Fineâ€Tuning of Sirtuin 1 Expression Is Essential to Protect the Liver From Cholestatic Liver Disease. Hepatology, 2019, 69, 699-716.	3.6	33
89	Crystal Structure of MJ1247 Protein from M. jannaschii at 2.0 Ã... Resolution Infers a Molecular Function of 3-Hexulose-6-Phosphate Isomerase. Structure, 2002, 10, 195-204.	1.6	32
90	S-Adenosylmethionine Regulates Apurinic/Apyrimidinic Endonuclease 1 Stability: Implication in Hepatocarcinogenesis. Gastroenterology, 2009, 136, 1025-1036.	0.6	31

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91	Ubiquitin Profiling in Liver Using a Transgenic Mouse with Biotinylated Ubiquitin. Journal of Proteome Research, 2014, 13, 3016-3026.	1.8	31
92	Neddylation, a novel paradigm in liver cancer. Translational Gastroenterology and Hepatology, 2018, 3, 37-37.	1.5	31
93	Novel Function and Intracellular Localization of Methionine Adenosyltransferase 2Î² Splicing Variants. Journal of Biological Chemistry, 2010, 285, 20015-20021.	1.6	29
94	A DNA methylation signature associated with the epigenetic repression of glycine N-methyltransferase in human hepatocellular carcinoma. Journal of Molecular Medicine, 2013, 91, 939-950.	1.7	29
95	The Need for Biomarkers in Diagnosis and Prognosis of Drug-Induced Liver Disease: Does Metabolomics Have Any Role?. BioMed Research International, 2015, 2015, 1-8.	0.9	29
96	TRAIL-producing NK cells contribute to liver injury and related fibrogenesis in the context of GNMT deficiency. Laboratory Investigation, 2015, 95, 223-236.	1.7	29
97	Metabolomics Discloses Potential Biomarkers for the Noninvasive Diagnosis of Idiopathic Portal Hypertension. American Journal of Gastroenterology, 2013, 108, 926-932.	0.2	28
98	A morphological method for ammonia detection in liver. PLoS ONE, 2017, 12, e0173914.	1.1	28
99	Role of thioltransferases on the modulation of rat liver S-adenosylmethionine synthetase activity by glutathione. FEBS Letters, 1996, 397, 293-297.	1.3	27
100	GARBAN: genomic analysis and rapid biological annotation of cDNA microarray and proteomic data. Bioinformatics, 2003, 19, 2158-2160.	1.8	27
101	Methionine Adenosyltransferase Î±1 Is Targeted to the Mitochondrial Matrix and Interacts with Cytochrome P450 2E1 to Lower Its Expression. Hepatology, 2019, 70, 2018-2034.	3.6	27
102	E2F1 and E2F2-Mediated Repression of CPT2 Establishes a Lipid-Rich Tumor-Promoting Environment. Cancer Research, 2021, 81, 2874-2887.	0.4	27
103	Glycine Nâ€methyltransferase expression in the hippocampus and its role in neurogenesis and cognitive performance. Hippocampus, 2014, 24, 840-852.	0.9	26
104	Nutraceutical Properties of Polyphenols against Liver Diseases. Nutrients, 2020, 12, 3517.	1.7	26
105	Dual Targeting of G9a and DNA Methyltransferaseâ€1 for the Treatment of Experimental Cholangiocarcinoma. Hepatology, 2021, 73, 2380-2396.	3.6	26
106	Genomic and Functional Regulation of TRIB1 Contributes to Prostate Cancer Pathogenesis. Cancers, 2020, 12, 2593.	1.7	26
107	Methionine adenosyltransferase and S-adenosylmethionine in alcoholic liver disease. Journal of Gastroenterology and Hepatology (Australia), 2006, 21, S61-S64.	1.4	25
108	Solute carrier family 2 member 1is involved in the development of nonalcoholic fatty liver disease. Hepatology, 2013, 57, 505-514.	3.6	25

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109	Mitochondrial bioenergetics boost macrophage activation, promoting liver regeneration in metabolically compromised animals. Hepatology, 2022, 75, 550-566.	3.6	25
110	Repression of the Nuclear Receptor Small Heterodimer Partner by Steatotic Drugs and in Advanced Nonalcoholic Fatty Liver Disease. Molecular Pharmacology, 2015, 87, 582-594.	1.0	22
111	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
112	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
113	Methionine adenosyltransferase 1a antisense oligonucleotides activate the liver-brown adipose tissue axis preventing obesity and associated hepatosteatosis. Nature Communications, 2022, 13, 1096.	5.8	22
114	Regulation of Oxidative Stress by Methylation-Controlled J Protein Controls Macrophage Responses to Inflammatory Insults. Journal of Infectious Diseases, 2015, 211, 135-145.	1.9	21
115	Magnesium accumulation upon cyclin M4 silencing activates microsomal triglyceride transfer protein improving NASH. Journal of Hepatology, 2021, 75, 34-45.	1.8	21
116	Role of AMP-activated protein kinase in the control of hepatocyte priming and proliferation during liver regeneration. Experimental Biology and Medicine, 2011, 236, 402-408.	1.1	20
117	AISF position paper on liver transplantation and pregnancy. Digestive and Liver Disease, 2016, 48, 860-868.	0.4	20
118	A Novel Serum Metabolomic Profile for the Differential Diagnosis of Distal Cholangiocarcinoma and Pancreatic Ductal Adenocarcinoma. Cancers, 2020, 12, 1433.	1.7	20
119	Liver osteopontin is required to prevent the progression of ageâ€related nonalcoholic fatty liver disease. Aging Cell, 2020, 19, e13183.	3.0	20
120	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
121	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.	1.8	18
122	High-Frequency Ultrasound Imaging for Longitudinal Evaluation of Non-Alcoholic Fatty Liver Disease Progression in Mice. Ultrasound in Medicine and Biology, 2011, 37, 1161-1169.	0.7	17
123	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. Journal of Hepatology, 2022, 76, 11-24.	1.8	16
124	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.	1.4	16
125	Genetic and pharmacological inhibition of XBP1 protects against APAP hepatotoxicity through the activation of autophagy. Cell Death and Disease, 2022, 13, 143.	2.7	16
126	Systems biology for hepatologists. Hepatology, 2014, 60, 736-743.	3.6	15

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127	NEDDylation in liver cancer: The regulation of the RNA binding protein Hu antigen R. Pancreatology, 2015, 15, S49-S54.	0.5	15
128	Metabolomics as a diagnostic tool for idiopathic nonâ€cirrhotic portal hypertension. Liver International, 2016, 36, 1051-1058.	1.9	15
129	A Shortcut from Metabolic-Associated Fatty Liver Disease (MAFLD) to Hepatocellular Carcinoma (HCC): c-MYC a Promising Target for Preventative Strategies and Individualized Therapy. Cancers, 2022, 14, 192.	1.7	15
130	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.	1.6	14
131	Targeting UBC9-mediated protein hyper-SUMOylation in cystic cholangiocytes halts polycystic liver disease in experimental models. Journal of Hepatology, 2021, 74, 394-406.	1.8	14
132	Assignment of a single disulfide bridge in rat liver methionine adenosyltransferase. FEBS Journal, 2000, 267, 132-137.	0.2	13
133	Structural Insights into the Intracellular Region of the Human Magnesium Transport Mediator CNNM4. International Journal of Molecular Sciences, 2019, 20, 6279.	1.8	13
134	GRK2-Dependent HuR Phosphorylation Regulates HIF1Î± Activation under Hypoxia or Adrenergic Stress. Cancers, 2020, 12, 1216.	1.7	13
135	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
136	Hepatocellular Carcinoma: Updates in Pathogenesis, Detection and Treatment. Cancers, 2020, 12, 2729.	1.7	12
137	Multi-Omics Integration Highlights the Role of Ubiquitination in CCl4-Induced Liver Fibrosis. International Journal of Molecular Sciences, 2020, 21, 9043.	1.8	12
138	The role of stem cells/progenitor cells in liver carcinogenesis in glycine N-methyltransferase deficient mice. Experimental and Molecular Pathology, 2010, 88, 234-237.	0.9	11
139	Biphasic adaptative responses in VLDL metabolism and lipoprotein homeostasis during Gram-negative endotoxemia. Innate Immunity, 2012, 18, 89-99.	1.1	11
140	The Promyelocytic Leukemia Protein Is Upregulated in Conditions of Obesity and Liver Steatosis. International Journal of Biological Sciences, 2015, 11, 629-632.	2.6	11
141	Post-translational modifiers of liver kinase B1/serine/threonine kinase 11 in hepatocellular carcinoma . Journal of Hepatocellular Carcinoma, 2019, Volume 6, 85-91.	1.8	11
142	Ubiquitin-Like Post-Translational Modifications (Ubl-PTMs): Small Peptides with Huge Impact in Liver Fibrosis. Cells, 2019, 8, 1575.	1.8	11
143	The CBS Domain Protein MJ0729 ofMethanocaldococcus jannaschiiIs a Thermostable Protein with a pH-Dependent Self-Oligomerization. Biochemistry, 2009, 48, 2760-2776.	1.2	10
144	S-Adenosylmethionine regulates connexins sub-types expressed by hepatocytes. European Journal of Cell Biology, 2011, 90, 312-322.	1.6	10

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145	Anti-miR-518d-5p overcomes liver tumor cell death resistance through mitochondrial activity. Cell Death and Disease, 2021, 12, 555.	2.7	10
146	New molecular mechanisms in cholangiocarcinoma: signals triggering interleukin-6 production in tumor cells and KRAS co-opted epigenetic mediators driving metabolic reprogramming. Journal of Experimental and Clinical Cancer Research, 2022, 41, .	3.5	9
147	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, 729-742.	1.0	7
148	Borrelia burgdorferi infection induces long-term memory-like responses in macrophages with tissue-wide consequences in the heart. PLoS Biology, 2021, 19, e3001062.	2.6	7
149	Inhibition of NAEâ€dependent protein hyperâ€NEDDylation in cystic cholangiocytes halts cystogenesis in experimental models of polycystic liver disease. United European Gastroenterology Journal, 2021, 9, 848-859.	1.6	7
150	SAMe and HuR in Liver Physiology. Methods in Molecular Biology, 2012, 826, 133-149.	0.4	7
151	Crystallization and preliminary crystallographic analysis of merohedrally twinned crystals of MJ0729, a CBS-domain protein fromMethanococcus jannaschii. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 605-609.	0.7	6
152	Dual Pharmacological Targeting of HDACs and PDE5 Inhibits Liver Disease Progression in a Mouse Model of Biliary Inflammation and Fibrosis. Cancers, 2020, 12, 3748.	1.7	6
153	Magnesium, Little Known But Possibly Relevant: A Link between NASH and Related Comorbidities. Biomedicines, 2021, 9, 125.	1.4	6
154	PI3K-regulated Glycine N-methyltransferase is required for the development of prostate cancer. Oncogenesis, 2022, 11, 10.	2.1	6
155	Hu Antigen R (HuR) Protein Structure, Function and Regulation in Hepatobiliary Tumors. Cancers, 2022, 14, 2666.	1.7	6
156	Boosting mitochondria activity by silencing MCJ overcomes cholestasis-induced liver injury. JHEP Reports, 2021, 3, 100276.	2.6	5
157	Purification, crystallization and preliminary X-ray diffraction analysis of the CBS-domain pair from theMethanococcus jannaschiiprotein MJ0100. Acta Crystallographica Section F: Structural Biology Communications, 2008, 64, 936-941.	0.7	4
158	Purification, crystallization and preliminary crystallographic analysis of protein MJ1225 fromMethanocaldococcus jannaschii, a putative archaeal homologue of Î³-AMPK. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 813-817.	0.7	4
159	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, , .	0.2	4
160	Glutamine, fatty liver disease and aging. Aging, 2021, 13, 3165-3166.	1.4	4
161	Plasticity of adult hepatocytes and readjustment of cell fate: a novel dogma in liver disease. Gut, 2019, 68, 954-956.	6.1	3
162	Methionine Cycle Rewiring by Targeting miR-873-5p Modulates Ammonia Metabolism to Protect the Liver from Acetaminophen. Antioxidants, 2022, 11, 897.	2.2	3

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164	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, 2014, 289, 696.	1.6	1
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