

Maria Luz Martinez Chantar

List of Publications by Year in descending order

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Version: 2024-02-01

183
papers

9,608
citations

31902

53
h-index

46693

89
g-index

188
all docs

188
docs citations

188
times ranked

15262
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial bioenergetics boost macrophage activation, promoting liver regeneration in metabolically compromised animals. <i>Hepatology</i> , 2022, 75, 550-566.	3.6	25
2	Inhibition of ATG3 ameliorates liver steatosis by increasing mitochondrial function. <i>Journal of Hepatology</i> , 2022, 76, 11-24.	1.8	16
3	Genetic and pharmacological inhibition of XBP1 protects against APAP hepatotoxicity through the activation of autophagy. <i>Cell Death and Disease</i> , 2022, 13, 143.	2.7	16
4	PI3K-regulated Glycine N-methyltransferase is required for the development of prostate cancer. <i>Oncogenesis</i> , 2022, 11, 10.	2.1	6
5	Methionine adenosyltransferase 1a antisense oligonucleotides activate the liver-brown adipose tissue axis preventing obesity and associated hepatosteatosis. <i>Nature Communications</i> , 2022, 13, 1096.	5.8	22
6	A Shortcut from Metabolic-Associated Fatty Liver Disease (MAFLD) to Hepatocellular Carcinoma (HCC): c-MYC a Promising Target for Preventative Strategies and Individualized Therapy. <i>Cancers</i> , 2022, 14, 192.	1.7	15
7	Methionine Cycle Rewiring by Targeting miR-873-5p Modulates Ammonia Metabolism to Protect the Liver from Acetaminophen. <i>Antioxidants</i> , 2022, 11, 897.	2.2	3
8	Hu Antigen R (HuR) Protein Structure, Function and Regulation in Hepatobiliary Tumors. <i>Cancers</i> , 2022, 14, 2666.	1.7	6
9	New molecular mechanisms in cholangiocarcinoma: signals triggering interleukin-6 production in tumor cells and KRAS co-opted epigenetic mediators driving metabolic reprogramming. <i>Journal of Experimental and Clinical Cancer Research</i> , 2022, 41, .	3.5	9
10	Neddylation tunes peripheral blood mononuclear cells immune response in COVID-19 patients. <i>Cell Death Discovery</i> , 2022, 8, .	2.0	3
11	Dual Targeting of G9a and DNA Methyltransferase for the Treatment of Experimental Cholangiocarcinoma. <i>Hepatology</i> , 2021, 73, 2380-2396.	3.6	26
12	The Lysophosphatidylinositol/G Protein-Coupled Receptor 55 System Induces the Development of Nonalcoholic Steatosis and Steatohepatitis. <i>Hepatology</i> , 2021, 73, 606-624.	3.6	42
13	Obese patients with NASH have increased hepatic expression of SARS-CoV-2 critical entry points. <i>Journal of Hepatology</i> , 2021, 74, 469-471.	1.8	51
14	Targeting UBC9-mediated protein hyper-SUMOylation in cystic cholangiocytes halts polycystic liver disease in experimental models. <i>Journal of Hepatology</i> , 2021, 74, 394-406.	1.8	14
15	<i>Borrelia burgdorferi</i> infection induces long-term memory-like responses in macrophages with tissue-wide consequences in the heart. <i>PLoS Biology</i> , 2021, 19, e3001062.	2.6	7
16	Revisiting the Role of Natural Killer Cells in Non-Alcoholic Fatty Liver Disease. <i>Frontiers in Immunology</i> , 2021, 12, 640869.	2.2	37
17	Glutamine, fatty liver disease and aging. <i>Aging</i> , 2021, 13, 3165-3166.	1.4	4
18	E2F1 and E2F2-Mediated Repression of CPT2 Establishes a Lipid-Rich Tumor-Promoting Environment. <i>Cancer Research</i> , 2021, 81, 2874-2887.	0.4	27

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19	Prognostic significance of hypoxic and metabolic gene profiling in hepatocellular carcinoma. <i>Liver Cancer International</i> , 2021, 2, 15-26.	0.2	1
20	Anti-miR-518d-5p overcomes liver tumor cell death resistance through mitochondrial activity. <i>Cell Death and Disease</i> , 2021, 12, 555.	2.7	10
21	Boosting mitochondria activity by silencing MCJ overcomes cholestasis-induced liver injury. <i>JHEP Reports</i> , 2021, 3, 100276.	2.6	5
22	Inhibition of NAE-dependent protein hyperacetylation in cystic cholangiocytes halts cystogenesis in experimental models of polycystic liver disease. <i>United European Gastroenterology Journal</i> , 2021, 9, 848-859.	1.6	7
23	Magnesium accumulation upon cyclin M4 silencing activates microsomal triglyceride transfer protein improving NASH. <i>Journal of Hepatology</i> , 2021, 75, 34-45.	1.8	21
24	O-GlcNAcylated p53 in the liver modulates hepatic glucose production. <i>Nature Communications</i> , 2021, 12, 5068.	5.8	36
25	Neddylation inhibition ameliorates steatosis in NAFLD by boosting hepatic fatty acid oxidation via the DEPTOR-mTOR axis. <i>Molecular Metabolism</i> , 2021, 53, 101275.	3.0	22
26	Magnesium, Little Known But Possibly Relevant: A Link between NASH and Related Comorbidities. <i>Biomedicines</i> , 2021, 9, 125.	1.4	6
27	Sphingolipids in Non-Alcoholic Fatty Liver Disease and Hepatocellular Carcinoma: Ceramide Turnover. <i>International Journal of Molecular Sciences</i> , 2020, 21, 40.	1.8	73
28	Hepatocellular Carcinoma: Updates in Pathogenesis, Detection and Treatment. <i>Cancers</i> , 2020, 12, 2729.	1.7	12
29	Nutraceutical Properties of Polyphenols against Liver Diseases. <i>Nutrients</i> , 2020, 12, 3517.	1.7	26
30	Multi-Omics Integration Highlights the Role of Ubiquitination in CCl4-Induced Liver Fibrosis. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9043.	1.8	12
31	Genomic and Functional Regulation of TRIB1 Contributes to Prostate Cancer Pathogenesis. <i>Cancers</i> , 2020, 12, 2593.	1.7	26
32	Dual Pharmacological Targeting of HDACs and PDE5 Inhibits Liver Disease Progression in a Mouse Model of Biliary Inflammation and Fibrosis. <i>Cancers</i> , 2020, 12, 3748.	1.7	6
33	GRK2-Dependent HuR Phosphorylation Regulates HIF1 α Activation under Hypoxia or Adrenergic Stress. <i>Cancers</i> , 2020, 12, 1216.	1.7	13
34	A Novel Serum Metabolomic Profile for the Differential Diagnosis of Distal Cholangiocarcinoma and Pancreatic Ductal Adenocarcinoma. <i>Cancers</i> , 2020, 12, 1433.	1.7	20
35	Liver osteopontin is required to prevent the progression of age-related nonalcoholic fatty liver disease. <i>Aging Cell</i> , 2020, 19, e13183.	3.0	20
36	Pilot Multi-Omic Analysis of Human Bile from Benign and Malignant Biliary Strictures: A Machine-Learning Approach. <i>Cancers</i> , 2020, 12, 1644.	1.7	38

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37	Silencing hepatic MCJ attenuates non-alcoholic fatty liver disease (NAFLD) by increasing mitochondrial fatty acid oxidation. <i>Nature Communications</i> , 2020, 11, 3360.	5.8	73
38	Targeting Hepatic Glutaminase 1 Ameliorates Non-alcoholic Steatohepatitis by Restoring Very-Low-Density Lipoprotein Triglyceride Assembly. <i>Cell Metabolism</i> , 2020, 31, 605-622.e10.	7.2	68
39	HuR/ELAVL1 drives malignant peripheral nerve sheath tumor growth and metastasis. <i>Journal of Clinical Investigation</i> , 2020, 130, 3848-3864.	3.9	38
40	Arachidyl amido cholanoic acid improves liver glucose and lipid homeostasis in nonalcoholic steatohepatitis via AMPK and mTOR regulation. <i>World Journal of Gastroenterology</i> , 2020, 26, 5101-5117.	1.4	19
41	FRI-353-Metabolic implications of methionine adenosyltransferase 1A depletion during fasting. <i>Journal of Hepatology</i> , 2019, 70, e550.	1.8	0
42	miR-873-5p targets mitochondrial GNMT-Complex II interface contributing to non-alcoholic fatty liver disease. <i>Molecular Metabolism</i> , 2019, 29, 40-54.	3.0	35
43	PS-043-Dual targeting of G9a and DNMT-methyltransferase-1 for the treatment of experimental cholangiocarcinoma. <i>Journal of Hepatology</i> , 2019, 70, e27-e28.	1.8	1
44	Post-translational modifiers of liver kinase B1/serine/threonine kinase 11 in hepatocellular carcinoma. <i>Journal of Hepatocellular Carcinoma</i> , 2019, Volume 6, 85-91.	1.8	11
45	FRI-343-NEDDylation inhibition as a new potential therapy of non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2019, 70, e546.	1.8	1
46	THU-477-Sumoylation/acetylation drives forward oncogenic role of LKB1 in Liver. <i>Journal of Hepatology</i> , 2019, 70, e371.	1.8	0
47	FRI-094-Targeting NEDDylation protects liver from acute drug-induced damage. <i>Journal of Hepatology</i> , 2019, 70, e429.	1.8	0
48	SAT-425-Serum metabolites as diagnostic biomarkers for cholangiocarcinoma, hepatocellular carcinoma and primary sclerosing cholangitis. <i>Journal of Hepatology</i> , 2019, 70, e821-e822.	1.8	0
49	FRI-294-Mitochondrial GNMT-complex II is recovered by miR-873-5p targeting in NAFLD. <i>Journal of Hepatology</i> , 2019, 70, e524-e525.	1.8	0
50	PS-034-MCJ: A therapeutic target in hepatic ischemia and reperfusion injury. <i>Journal of Hepatology</i> , 2019, 70, e23-e24.	1.8	0
51	PS-008-E2F2 mediated repression of fatty acid β -oxidation is mitigated through CREB1 in progressive non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2019, 70, e9.	1.8	0
52	PS-015-Role of methylation-controlled J-protein, endogenous repressor of the mitochondrial respiratory chain, in cholestatic liver disease. <i>Journal of Hepatology</i> , 2019, 70, e12.	1.8	1
53	Methionine Adenosyltransferase 1 \pm 1 Is Targeted to the Mitochondrial Matrix and Interacts with Cytochrome P450 2E1 to Lower Its Expression. <i>Hepatology</i> , 2019, 70, 2018-2034.	3.6	27
54	Plasticity of adult hepatocytes and readjustment of cell fate: a novel dogma in liver disease. <i>Gut</i> , 2019, 68, 954-956.	6.1	3

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55	Current Structural Knowledge on the CNNM Family of Magnesium Transport Mediators. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1135.	1.8	42
56	Causes of hOCT1-Dependent Cholangiocarcinoma Resistance to Sorafenib and Sensitization by Tumor-Selective Gene Therapy. <i>Hepatology</i> , 2019, 70, 1246-1261.	3.6	41
57	SUMO-Binding Entities (SUBEs) as Tools for the Enrichment, Isolation, Identification, and Characterization of the SUMO Proteome in Liver Cancer. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	4
58	Serp1B3 Differently Up-Regulates Hypoxia Inducible Factors -1 α and -2 α in Hepatocellular Carcinoma: Mechanisms Revealing Novel Potential Therapeutic Targets. <i>Cancers</i> , 2019, 11, 1933.	1.7	22
59	Structural Insights into the Intracellular Region of the Human Magnesium Transport Mediator CNNM4. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6279.	1.8	13
60	Ubiquitin-Like Post-Translational Modifications (Ubl-PTMs): Small Peptides with Huge Impact in Liver Fibrosis. <i>Cells</i> , 2019, 8, 1575.	1.8	11
61	Fine-Tuning of Sirtuin 1 Expression Is Essential to Protect the Liver From Cholestatic Liver Disease. <i>Hepatology</i> , 2019, 69, 699-716.	3.6	33
62	SUMOylation regulates LKB1 localization and its oncogenic activity in liver cancer. <i>EBioMedicine</i> , 2019, 40, 406-421.	2.7	56
63	Epigenetic events involved in organic cation transporter 1-dependent impaired response of hepatocellular carcinoma to sorafenib. <i>British Journal of Pharmacology</i> , 2019, 176, 787-800.	2.7	39
64	HuR biological function involves RRM3-mediated dimerization and RNA binding by all three RRM domains. <i>Nucleic Acids Research</i> , 2019, 47, 1011-1029.	6.5	56
65	Serum Metabolites as Diagnostic Biomarkers for Cholangiocarcinoma, Hepatocellular Carcinoma, and Primary Sclerosing Cholangitis. <i>Hepatology</i> , 2019, 70, 547-562.	3.6	112
66	Liver Angiopoietin-2 Is a Key Predictor of De Novo or Recurrent Hepatocellular Cancer After Hepatitis C Virus Direct-Acting Antivirals. <i>Hepatology</i> , 2018, 68, 1010-1024.	3.6	106
67	Neddylation, a novel paradigm in liver cancer. <i>Translational Gastroenterology and Hepatology</i> , 2018, 3, 37-37.	1.5	31
68	Atorvastatin provides a new lipidome improving early regeneration after partial hepatectomy in osteopontin deficient mice. <i>Scientific Reports</i> , 2018, 8, 14626.	1.6	1
69	Involvement of G protein-coupled receptor kinase 2 (GRK2) in the development of non-alcoholic steatosis and steatohepatitis in mice and humans. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3655-3667.	1.8	18
70	MiR-873-5p acts as an epigenetic regulator in early stages of liver fibrosis and cirrhosis. <i>Cell Death and Disease</i> , 2018, 9, 958.	2.7	38
71	Metabolomic-based noninvasive serum test to diagnose nonalcoholic steatohepatitis: Results from discovery and validation cohorts. <i>Hepatology Communications</i> , 2018, 2, 807-820.	2.0	117
72	Involvement of the CREB-E2F2-PPAR axis in non-alcoholic fatty liver disease development and progression to hepatocarcinoma. <i>Journal of Hepatology</i> , 2018, 68, S337.	1.8	0

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73	During aging osteopontin deficiency increases vulnerability to non-alcoholic fatty liver disease progression and the associated extrahepatic metabolic complications. <i>Journal of Hepatology</i> , 2018, 68, S360.	1.8	0
74	Fine tuning of SIRT1 expression is essential to protect the liver from cholestasis. <i>Journal of Hepatology</i> , 2018, 68, S453.	1.8	0
75	Metabolomic Identification of Subtypes of Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2017, 152, 1449-1461.e7.	0.6	209
76	Hepatic p63 regulates steatosis via IKK β /ER stress. <i>Nature Communications</i> , 2017, 8, 15111.	5.8	45
77	Structural Basis of the Oncogenic Interaction of Phosphatase PRL-1 with the Magnesium Transporter CNNM2. <i>Journal of Biological Chemistry</i> , 2017, 292, 786-801.	1.6	48
78	Prohibitin 1 suppresses liver cancer tumorigenesis in mice and human hepatocellular and cholangiocarcinoma cells. <i>Hepatology</i> , 2017, 65, 1249-1266.	3.6	44
79	Role of aramchol in steatohepatitis and fibrosis in mice. <i>Hepatology Communications</i> , 2017, 1, 911-927.	2.0	84
80	Microenvironment inflammatory infiltrate drives growth speed and outcome of hepatocellular carcinoma: a prospective clinical study. <i>Cell Death and Disease</i> , 2017, 8, e3017-e3017.	2.7	45
81	The immunosuppressive effect of the tick protein, Salp15, is long-lasting and persists in a murine model of hematopoietic transplant. <i>Scientific Reports</i> , 2017, 7, 10740.	1.6	14
82	Hypothalamic AMPK-ER Stress-JNK1 Axis Mediates the Central Actions of Thyroid Hormones on Energy Balance. <i>Cell Metabolism</i> , 2017, 26, 212-229.e12.	7.2	167
83	mTORC1-dependent AMD1 regulation sustains polyamine metabolism in prostate cancer. <i>Nature</i> , 2017, 547, 109-113.	13.7	142
84	Deregulated neddylation in liver fibrosis. <i>Hepatology</i> , 2017, 65, 694-709.	3.6	50
85	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. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2017, 13, 439-448.	1.5	44
86	The mitochondrial negative regulator MCJ is a therapeutic target for acetaminophen-induced liver injury. <i>Nature Communications</i> , 2017, 8, 2068.	5.8	77
87	A morphological method for ammonia detection in liver. <i>PLoS ONE</i> , 2017, 12, e0173914.	1.1	28
88	Metabolomics as a diagnostic tool for idiopathic non-cirrhotic portal hypertension. <i>Liver International</i> , 2016, 36, 1051-1058.	1.9	15
89	Stratification and therapeutic potential of PML in metastatic breast cancer. <i>Nature Communications</i> , 2016, 7, 12595.	5.8	45
90	Serpina3 up-regulates hypoxia inducible factors-1 α and -2 α in liver cancer cells through different mechanisms. <i>Digestive and Liver Disease</i> , 2016, 48, e19.	0.4	1

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91	AISF position paper on liver transplantation and pregnancy. <i>Digestive and Liver Disease</i> , 2016, 48, 860-868.	0.4	20
92	Neovascularization-related genes are hallmarks of fast-growing hepatocellular carcinomas and worst survival. Results from a prospective study. <i>Gut</i> , 2016, 65, 861-869.	6.1	207
93	Methionine and S-adenosylmethionine levels are critical regulators of PP2A activity modulating lipophagy during steatosis. <i>Journal of Hepatology</i> , 2016, 64, 409-418.	1.8	59
94	S-adenosyl-L-methionine modifies antioxidant-enzymes, glutathione-biosynthesis and methionine adenosyltransferases-1/2 in hepatitis C virus-expressing cells. <i>World Journal of Gastroenterology</i> , 2016, 22, 3746.	1.4	16
95	Histone deacetylase 4 promotes cholestatic liver injury in the absence of prohibitin-1. <i>Hepatology</i> , 2015, 62, 1237-1248.	3.6	34
96	The Promyelocytic Leukemia Protein Is Upregulated in Conditions of Obesity and Liver Steatosis. <i>International Journal of Biological Sciences</i> , 2015, 11, 629-632.	2.6	11
97	The Need for Biomarkers in Diagnosis and Prognosis of Drug-Induced Liver Disease: Does Metabolomics Have Any Role?. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	29
98	Stabilization of LKB1 and Akt by neddylation regulates energy metabolism in liver cancer. <i>Oncotarget</i> , 2015, 6, 2509-2523.	0.8	69
99	Activation of a Novel c-Myc-miR27-Prohibitin 1 Circuitry in Cholestatic Liver Injury Inhibits Glutathione Synthesis in Mice. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 259-274.	2.5	55
100	TRAIL-producing NK cells contribute to liver injury and related fibrogenesis in the context of GNMT deficiency. <i>Laboratory Investigation</i> , 2015, 95, 223-236.	1.7	29
101	S-Adenosylmethionine increases circulating very-low density lipoprotein clearance in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2015, 62, 673-681.	1.8	44
102	Repression of the Nuclear Receptor Small Heterodimer Partner by Steatotic Drugs and in Advanced Nonalcoholic Fatty Liver Disease. <i>Molecular Pharmacology</i> , 2015, 87, 582-594.	1.0	22
103	Schwann cell autophagy, myelinophagy, initiates myelin clearance from injured nerves. <i>Journal of Cell Biology</i> , 2015, 210, 153-168.	2.3	322
104	NEDDylation in liver cancer: The regulation of the RNA binding protein Hu antigen R. <i>Pancreatology</i> , 2015, 15, S49-S54.	0.5	15
105	Sustained proliferation in cancer: Mechanisms and novel therapeutic targets. <i>Seminars in Cancer Biology</i> , 2015, 35, S25-S54.	4.3	468
106	Designing a broad-spectrum integrative approach for cancer prevention and treatment. <i>Seminars in Cancer Biology</i> , 2015, 35, S276-S304.	4.3	220
107	Targeting of Gamma-Glutamyl-Cysteine Ligase by miR-433 Reduces Glutathione Biosynthesis and Promotes TGF- β -Dependent Fibrogenesis. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1092-1105.	2.5	49
108	Regulation of Oxidative Stress by Methylation-Controlled J Protein Controls Macrophage Responses to Inflammatory Insults. <i>Journal of Infectious Diseases</i> , 2015, 211, 135-145.	1.9	21

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109	Integrative Genomic Signatures Of Hepatocellular Carcinoma Derived from Nonalcoholic Fatty Liver Disease. PLoS ONE, 2015, 10, e0124544.	1.1	70
110	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
111	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
112	Systems biology for hepatologists. Hepatology, 2014, 60, 736-743.	3.6	15
113	Glycine N-methyltransferase expression in the hippocampus and its role in neurogenesis and cognitive performance. Hippocampus, 2014, 24, 840-852.	0.9	26
114	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
115	S-adenosylmethionine Levels Regulate the Schwann Cell DNA Methylome. Neuron, 2014, 81, 1024-1039.	3.8	67
116	Ubiquitin Profiling in Liver Using a Transgenic Mouse with Biotinylated Ubiquitin. Journal of Proteome Research, 2014, 13, 3016-3026.	1.8	31
117	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
118	The human liver fatty acid binding protein (FABP1) gene is activated by FOXA1 and PPAR α ; and repressed by C/EBP β : 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
119	Metabolomics Discloses Potential Biomarkers for the Noninvasive Diagnosis of Idiopathic Portal Hypertension. American Journal of Gastroenterology, 2013, 108, 926-932.	0.2	28
120	Excess S-adenosylmethionine reroutes phosphatidylethanolamine towards phosphatidylcholine and triglyceride synthesis. Hepatology, 2013, 58, 1296-1305.	3.6	100
121	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
122	Solute carrier family 2 member 1 is involved in the development of nonalcoholic fatty liver disease. Hepatology, 2013, 57, 505-514.	3.6	25
123	Biphasic adaptative responses in VLDL metabolism and lipoprotein homeostasis during Gram-negative endotoxemia. Innate Immunity, 2012, 18, 89-99.	1.1	11
124	Human antigen R contributes to hepatic stellate cell activation and liver fibrosis. Hepatology, 2012, 56, 1870-1882.	3.6	79
125	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
126	Mitochondrial GSH determines the toxic or therapeutic potential of superoxide scavenging in steatohepatitis. Journal of Hepatology, 2012, 57, 852-859.	1.8	70

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127	Hepatoma Cells From Mice Deficient in Glycine N-Methyltransferase Have Increased RAS Signaling and Activation of Liver Kinase B1. <i>Gastroenterology</i> , 2012, 143, 787-798.e13.	0.6	40
128	Murine double minute 2 regulates Hu antigen R stability in human liver and colon cancer through NEDDylation. <i>Hepatology</i> , 2012, 55, 1237-1248.	3.6	104
129	Inhibition of natural killer cells protects the liver against acute injury in the absence of glycine N-methyltransferase. <i>Hepatology</i> , 2012, 56, 747-759.	3.6	58
130	Obesity-Dependent Metabolic Signatures Associated with Nonalcoholic Fatty Liver Disease Progression. <i>Journal of Proteome Research</i> , 2012, 11, 2521-2532.	1.8	183
131	SAMe and HuR in Liver Physiology. <i>Methods in Molecular Biology</i> , 2012, 826, 133-149.	0.4	7
132	Role of AMP-activated protein kinase in the control of hepatocyte priming and proliferation during liver regeneration. <i>Experimental Biology and Medicine</i> , 2011, 236, 402-408.	1.1	20
133	S-Adenosylmethionine regulates connexins sub-types expressed by hepatocytes. <i>European Journal of Cell Biology</i> , 2011, 90, 312-322.	1.6	10
134	Proteomic Profiling of Adipose Tissue from <i>Zmpste24</i> ^{-/-} Mice, a Model of Lipodystrophy and Premature Aging, Reveals Major Changes in Mitochondrial Function and Vimentin Processing. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.008094.	2.5	56
135	Methionine adenosyltransferase 1A gene deletion disrupts hepatic very low-density lipoprotein assembly in mice. <i>Hepatology</i> , 2011, 54, 1975-1986.	3.6	81
136	High-Frequency Ultrasound Imaging for Longitudinal Evaluation of Non-Alcoholic Fatty Liver Disease Progression in Mice. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 1161-1169.	0.7	17
137	Sirtuin 1 regulation of developmental genes during differentiation of stem cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 13736-13741.	3.3	154
138	The role of stem cells/progenitor cells in liver carcinogenesis in glycine N-methyltransferase deficient mice. <i>Experimental and Molecular Pathology</i> , 2010, 88, 234-237.	0.9	11
139	Fatty liver and fibrosis in glycine N-methyltransferase knockout mice is prevented by nicotinamide. <i>Hepatology</i> , 2010, 52, 105-114.	3.6	81
140	Activation of LKB1-Akt pathway independent of phosphoinositide 3-kinase plays a critical role in the proliferation of hepatocellular carcinoma from nonalcoholic steatohepatitis. <i>Hepatology</i> , 2010, 52, 1621-1631.	3.6	60
141	Liver-specific deletion of prohibitin 1 results in spontaneous liver injury, fibrosis, and hepatocellular carcinoma in mice. <i>Hepatology</i> , 2010, 52, 2096-2108.	3.6	107
142	Impaired VLDL secretion and metabolism are related to non-alcoholic steatohepatitis in glycine N-methyltransferase deficient mice. <i>Chemistry and Physics of Lipids</i> , 2010, 163, S65.	1.5	0
143	Non-alcoholic fatty liver disease proteomics. <i>Proteomics - Clinical Applications</i> , 2010, 4, 362-371.	0.8	44
144	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. <i>Protein Engineering, Design and Selection</i> , 2010, 23, 729-742.	1.0	7

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145	Novel Function and Intracellular Localization of Methionine Adenosyltransferase 2 ^l Splicing Variants. <i>Journal of Biological Chemistry</i> , 2010, 285, 20015-20021.	1.6	29
146	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. <i>Journal of Proteome Research</i> , 2010, 9, 4501-4512.	1.8	144
147	HuR/Methyl-HuR and AUF1 Regulate the MAT Expressed During Liver Proliferation, Differentiation, and Carcinogenesis. <i>Gastroenterology</i> , 2010, 138, 1943-1953.e3.	0.6	113
148	Increased Fibroblast Growth Factor 21 in Obesity and Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2010, 139, 456-463.	0.6	495
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