

# Liver X receptor in cooperation with SREBP $\epsilon$ 1c is a major determinant of nonalcoholic fatty liver disease

Hepatology Research

38, 1122-1129

DOI: [10.1111/j.1872-034x.2008.00382.x](https://doi.org/10.1111/j.1872-034x.2008.00382.x)

Citation Report

#	ARTICLE	IF	CITATIONS
1	The role of the lipogenic pathway in the development of hepatic steatosis. <i>Diabetes and Metabolism</i> , 2008, 34, 643-648.	1.4	234
2	Hepatitis C Virus Nonstructural 4B Protein Modulates Sterol Regulatory Element-binding Protein Signaling via the AKT Pathway. <i>Journal of Biological Chemistry</i> , 2009, 284, 9237-9246.	1.6	119
3	Salt-inducible Kinase Regulates Hepatic Lipogenesis by Controlling SREBP-1c Phosphorylation. <i>Journal of Biological Chemistry</i> , 2009, 284, 10446-10452.	1.6	53
4	Impact of cholesterol metabolism and the LXR $\pm$ -SREBP-1c pathway on nonalcoholic fatty liver disease. <i>International Journal of Molecular Medicine</i> , 2009, 23, 603-8.	1.8	66
5	Suppression of Long Chain Acyl-CoA Synthetase 3 Decreases Hepatic de Novo Fatty Acid Synthesis through Decreased Transcriptional Activity. <i>Journal of Biological Chemistry</i> , 2009, 284, 30474-30483.	1.6	85
6	Role of adenosine monophosphate-activated protein kinase-p70 ribosomal S6 kinase-1 pathway in repression of liver X receptor-alpha-dependent lipogenic gene induction and hepatic steatosis by a novel class of dithiolethiones. <i>Hepatology</i> , 2009, 49, 1913-1925.	3.6	110
7	Heritability of Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2009, 136, 1585-1592.	0.6	419
8	Serum concentration of 27 $\alpha$ -hydroxycholesterol predicts the effects of high $\omega$ -cholesterol diet on plasma LDL cholesterol level. <i>Hepatology Research</i> , 2009, 39, 149-156.	1.8	26
9	Nutritional related liver disease: targeting the endoplasmic reticulum stress. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009, 12, 575-582.	1.3	32
10	Maternal diets deficient in folic acid and related methyl donors modify mechanisms associated with lipid metabolism in the fetal liver of the rat. <i>British Journal of Nutrition</i> , 2009, 102, 1445-1452.	1.2	18
11	1Chapter 5 Intestinal Failure and Liver Disease Related to Parenteral Nutrition and Intestinal Transplantation. , 2010, , 251-270.		0
12	Endoplasmic reticulum stress: a new actor in the development of hepatic steatosis. <i>Current Opinion in Lipidology</i> , 2010, 21, 239-246.	1.2	56
13	Interaction of the hepatitis C virus (HCV) core with cellular genes in the development of HCV-induced steatosis. <i>Archives of Virology</i> , 2010, 155, 1735-1753.	0.9	25
14	Hepatic steatosis: a role for <i>de novo</i> lipogenesis and the transcription factor SREBP-1c. <i>Diabetes, Obesity and Metabolism</i> , 2010, 12, 83-92.	2.2	584
15	AMPK-associated signaling to bridge the gap between fuel metabolism and hepatocyte viability. <i>World Journal of Gastroenterology</i> , 2010, 16, 3731.	1.4	41
16	From the metabolic syndrome to NAFLD or vice versa?. <i>Digestive and Liver Disease</i> , 2010, 42, 320-330.	0.4	406
17	Down-regulation of SREBP-1c is associated with the development of burned-out NASH. <i>Journal of Hepatology</i> , 2010, 53, 724-731.	1.8	89
18	Splanchnic Balance of Free Fatty Acids, Endocannabinoids, and Lipids in Subjects With Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2010, 139, 1961-1971.e1.	0.6	61

#	ARTICLE	IF	CITATIONS
19	NPC1L1 inhibitor ezetimibe is a reliable therapeutic agent for non-obese patients with nonalcoholic fatty liver disease. <i>Lipids in Health and Disease</i> , 2010, 9, 29.	1.2	57
20	The importance of the long-chain polyunsaturated fatty acid n-6/n-3 ratio in development of non-alcoholic fatty liver associated with obesity. <i>Food and Function</i> , 2011, 2, 644.	2.1	146
21	Advances in Pediatric Nonalcoholic Fatty Liver Disease. <i>Pediatric Clinics of North America</i> , 2011, 58, 1375-1392.	0.9	46
22	Redox Balance in the Pathogenesis of Nonalcoholic Fatty Liver Disease: Mechanisms and Therapeutic Opportunities. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1325-1365.	2.5	128
23	Role of S6K1 in regulation of SREBP1c expression in the liver. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 197-202.	1.0	67
24	Synergy Analysis Reveals Association between Insulin Signaling and Desmoplakin Expression in Palmitate Treated HepG2 Cells. <i>PLoS ONE</i> , 2011, 6, e28138.	1.1	6
25	Enhanced expression of pro-inflammatory mediators and liver X-receptor-regulated lipogenic genes in non-alcoholic fatty liver disease and hepatitis C. <i>Clinical Science</i> , 2011, 120, 239-250.	1.8	118
26	Effects of insulin resistance and hepatic lipid accumulation on hepatic mRNA expression levels of apoB, MTP and L-FABP in non-alcoholic fatty liver disease. <i>Experimental and Therapeutic Medicine</i> , 2011, 2, 1077-1081.	0.8	78
27	Alcohol drinking patterns and the risk of fatty liver in Japanese men. <i>Journal of Gastroenterology</i> , 2011, 46, 519-528.	2.3	47
28	Increased hepatic expression of dipeptidyl peptidase-4 in non-alcoholic fatty liver disease and its association with insulin resistance and glucose metabolism. <i>Molecular Medicine Reports</i> , 2012, 5, 729-33.	1.1	110
29	Up-Regulation of PPAR- $\delta$ mRNA Expression in the Liver of Obese Patients: an Additional Reinforcing Lipogenic Mechanism to SREBP-1c Induction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, 1424-1430.	1.8	288
30	Obesity, diabetes mellitus, and liver fibrosis. <i>American Journal of Physiology - Renal Physiology</i> , 2011, 300, G697-G702.	1.6	164
31	Nutrition Therapy for Liver Diseases Based on the Status of Nutritional Intake. <i>Gastroenterology Research and Practice</i> , 2012, 2012, 1-8.	0.7	21
32	Endoplasmic Reticulum Stress and Lipid Metabolism: Mechanisms and Therapeutic Potential. <i>Biochemistry Research International</i> , 2012, 2012, 1-13.	1.5	169
33	Nutrition and Nonalcoholic Fatty Liver Disease: The Significance of Cholesterol. <i>International Journal of Hepatology</i> , 2012, 2012, 1-6.	0.4	59
34	Hepatic Steatosis and Peroxisomal Fatty Acid Beta-oxidation. <i>Current Drug Metabolism</i> , 2012, 13, 1412-1421.	0.7	55
35	Increased serum liver X receptor ligand oxysterols in patients with non-alcoholic fatty liver disease. <i>Journal of Gastroenterology</i> , 2012, 47, 1257-1266.	2.3	54
36	The Scap/SREBP Pathway Is Essential for Developing Diabetic Fatty Liver and Carbohydrate-Induced Hypertriglyceridemia in Animals. <i>Cell Metabolism</i> , 2012, 15, 240-246.	7.2	263

#	ARTICLE	IF	CITATIONS
37	Nuclear Receptors Reverse McGarry's Vicious Cycle to Insulin Resistance. <i>Cell Metabolism</i> , 2012, 15, 615-622.	7.2	33
38	Nonalcoholic fatty liver disease: from lipid profile to treatment. <i>Clinical Journal of Gastroenterology</i> , 2012, 5, 313-321.	0.4	9
39	Adenosine A1 receptors do not play a major role in the regulation of lipogenic gene expression in hepatocytes. <i>European Journal of Pharmacology</i> , 2012, 683, 332-339.	1.7	8
40	Liver X receptors bridge hepatic lipid metabolism and inflammation. <i>Journal of Digestive Diseases</i> , 2012, 13, 69-74.	0.7	36
41	Sulfated oxysterols as candidates for the treatment of nonalcoholic fatty liver disease. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 755-758.	1.5	4
42	Activation of Liver X Receptors Attenuates Endotoxin-Induced Liver Injury in Mice with Nonalcoholic Fatty Liver Disease. <i>Digestive Diseases and Sciences</i> , 2012, 57, 390-398.	1.1	31
43	Beneficial effects of flaxseed oil and fish oil diet are through modulation of different hepatic genes involved in lipid metabolism in streptozotocin-nicotinamide induced diabetic rats. <i>Genes and Nutrition</i> , 2013, 8, 329-342.	1.2	48
44	Free radical biology for medicine: learning from nonalcoholic fatty liver disease. <i>Free Radical Biology and Medicine</i> , 2013, 65, 952-968.	1.3	210
45	Oxysterols and redox signaling in the pathogenesis of non-alcoholic fatty liver disease. <i>Free Radical Research</i> , 2013, 47, 881-893.	1.5	26
46	High fat diets and pathology in the guinea pig. Atherosclerosis or liver damage?. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 355-364.	1.8	32
47	Cholesterol metabolism and the pathogenesis of non-alcoholic steatohepatitis. <i>Progress in Lipid Research</i> , 2013, 52, 175-191.	5.3	326
48	Role of microRNAs in the regulation of drug metabolism and disposition genes in diabetes and liver disease. <i>Expert Opinion on Drug Metabolism and Toxicology</i> , 2013, 9, 713-724.	1.5	10
49	Resveratrol Suppresses T0901317-Induced Hepatic Fat Accumulation in Mice. <i>AAPS Journal</i> , 2013, 15, 744-752.	2.2	27
50	Resveratrol inhibits LXR-dependent hepatic lipogenesis through novel antioxidant Sestrin2 gene induction. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 95-105.	1.3	73
51	Hepatic Fatty Acid Trafficking: Multiple Forks in the Road. <i>Advances in Nutrition</i> , 2013, 4, 697-710.	2.9	115
52	Inhibition of LXR-dependent hepatic lipogenesis through novel antioxidant Sestrin2 gene induction. <i>Toxicology and Applied Pharmacology</i> , 2013, 271, 95-105.	0.5	12
53	Identification of Combined Genetic Determinants of Liver Stiffness within the SREBP1c-PNPLA3 Pathway. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21153-21166.	1.8	13
54	Dietary habits and behaviors associated with nonalcoholic fatty liver disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 1756.	1.4	91

#	ARTICLE	IF	CITATIONS
55	Nonalcoholic Fatty Liver Disease: Pathogenesis and Therapeutics from a Mitochondria-Centric Perspective. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-20.	1.9	120
56	Molecular pathways in non-alcoholic fatty liver disease. <i>Clinical and Experimental Gastroenterology</i> , 2014, 7, 221.	1.0	279
57	The Role of Dietary Sugars and De novo Lipogenesis in Non-Alcoholic Fatty Liver Disease. <i>Nutrients</i> , 2014, 6, 5679-5703.	1.7	113
58	Steatosis and Steatohepatitis: Complex Disorders. <i>International Journal of Molecular Sciences</i> , 2014, 15, 9924-9944.	1.8	31
59	Activating Transcription Factor 6 Is Necessary and Sufficient for Alcoholic Fatty Liver Disease in Zebrafish. <i>PLoS Genetics</i> , 2014, 10, e1004335.	1.5	64
60	Altered Fatty Acid Metabolism-Related Gene Expression in Liver from Morbidly Obese Women with Non-Alcoholic Fatty Liver Disease. <i>International Journal of Molecular Sciences</i> , 2014, 15, 22173-22187.	1.8	47
61	Effects of Soothing Liver and Invigorating Spleen Recipe on Lipid Metabolism Disorders in Kupffer Cells of NAFLD Rats by LXRI±/SREBP-1c Signal Pathway. <i>Chinese Herbal Medicines</i> , 2014, 6, 297-304.	1.2	4
62	Hypoxia Induces Dysregulation of Lipid Metabolism in HepG2 Cells via Activation of HIF-2a. <i>Cellular Physiology and Biochemistry</i> , 2014, 34, 1427-1441.	1.1	33
63	LXRI±-mediated downregulation of FOXM1 suppresses the proliferation of hepatocellular carcinoma cells. <i>Oncogene</i> , 2014, 33, 2888-2897.	2.6	53
64	SREBP-1c overexpression induces triglycerides accumulation through increasing lipid synthesis and decreasing lipid oxidation and VLDL assembly in bovine hepatocytes. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014, 143, 174-182.	1.2	78
65	The Dipeptidyl Peptidase-4 Inhibitor Tenzigleptin Attenuates Hepatic Lipogenesis via AMPK Activation in Non-Alcoholic Fatty Liver Disease Model Mice. <i>International Journal of Molecular Sciences</i> , 2015, 16, 29207-29218.	1.8	41
66	The nuclear receptor FXR, but not LXR, up-regulates bile acid transporter expression in non-alcoholic fatty liver disease. <i>Annals of Hepatology</i> , 2015, 14, 487-493.	0.6	65
67	DJ-1 deficiency alleviates steatosis in cultured hepatocytes. <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 1152-1161.	1.4	0
68	Flaxseed oil containing flaxseed oil ester of plant sterol attenuates high-fat diet-induced hepatic steatosis in apolipoprotein-E knockout mice. <i>Journal of Functional Foods</i> , 2015, 13, 169-182.	1.6	12
69	Zonation of hepatic fatty acid metabolism – The diversity of its regulation and the benefit of modeling. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 641-656.	1.2	55
70	MicroRNAs in Fatty Liver Disease. <i>Seminars in Liver Disease</i> , 2015, 35, 012-025.	1.8	35
71	Activation of liver X receptors inhibits cadmium-induced apoptosis of human renal proximal tubular cells. <i>Toxicology Letters</i> , 2015, 236, 145-153.	0.4	15
72	Gomisin J Inhibits Oleic Acid-Induced Hepatic Lipogenesis by Activation of the AMPK-Dependent Pathway and Inhibition of the Hepatokine Fetuin-A in HepG2 Cells. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 9729-9739.	2.4	26

#	ARTICLE	IF	CITATIONS
73	Cinnamamides, Novel Liver X Receptor Antagonists that Inhibit Ligand-Induced Lipogenesis and Fatty Liver. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 355, 362-369.	1.3	13
74	The Hexane Fraction of <i>Cyperus rotundus</i> Prevents Non-Alcoholic Fatty Liver Disease Through the Inhibition of Liver X Receptor $\beta$ -Mediated Activation of Sterol Regulatory Element Binding Protein-1c. <i>The American Journal of Chinese Medicine</i> , 2015, 43, 477-494.	1.5	12
75	LXR $\beta$ gene downregulation by lentiviral-based RNA interference enhances liver function after fatty liver transplantation in rats. <i>Hepatobiliary and Pancreatic Diseases International</i> , 2015, 14, 386-393.	0.6	4
76	Effects of the new thiazolidine derivative LPSF/GQ-02 on hepatic lipid metabolism pathways in non-alcoholic fatty liver disease (NAFLD). <i>European Journal of Pharmacology</i> , 2016, 788, 306-314.	1.7	6
77	Dietary licorice root supplementation reduces diet-induced weight gain, lipid deposition, and hepatic steatosis in ovariectomized mice without stimulating reproductive tissues and mammary gland. <i>Molecular Nutrition and Food Research</i> , 2016, 60, 369-380.	1.5	51
78	Design of pathway preferential estrogens that provide beneficial metabolic and vascular effects without stimulating reproductive tissues. <i>Science Signaling</i> , 2016, 9, ra53.	1.6	81
79	The chloroform extract of <i>Cyclocarya paliurus</i> attenuates high-fat diet induced non-alcoholic hepatic steatosis in Sprague Dawley rats. <i>Phytomedicine</i> , 2016, 23, 1475-1483.	2.3	43
80	Nogo $\beta$ receptor deficiency increases liver X receptor alpha nuclear translocation and hepatic lipogenesis through an adenosine monophosphate-activated protein kinase alpha-dependent pathway. <i>Hepatology</i> , 2016, 64, 1559-1576.	3.6	26
81	<i>De novo</i> lipogenesis in the liver in health and disease: more than just a shunting yard for glucose. <i>Biological Reviews</i> , 2016, 91, 452-468.	4.7	323
82	Emodin ameliorates hepatic steatosis through endoplasmic reticulum stress sterol regulatory element-binding protein 1c pathway in liquid fructose-feeding rats. <i>Hepatology Research</i> , 2016, 46, E105-17.	1.8	36
83	Role of Lipogenesis and Lipid Desaturases in Non-alcoholic Fatty Liver Disease. , 2016, , 143-164.		0
84	The effect of dietary curcumin and capsaicin on hepatic fetuin-A expression and fat accumulation in rats fed on a high-fat diet. <i>Archives of Physiology and Biochemistry</i> , 2016, 122, 94-102.	1.0	15
85	Hepatic De Novo Lipogenesis and Regulation of Metabolism. , 2016, , .		7
87	The potential of flavonoids in the treatment of non-alcoholic fatty liver disease. <i>Critical Reviews in Food Science and Nutrition</i> , 2017, 57, 834-855.	5.4	126
88	Lipid oxidation products in the pathogenesis of non-alcoholic steatohepatitis. <i>Free Radical Biology and Medicine</i> , 2017, 111, 173-185.	1.3	101
89	Chronic maternal calcium and 25-hydroxyvitamin D deficiency in Wistar rats programs abnormal hepatic gene expression leading to hepatic steatosis in female offspring. <i>Journal of Nutritional Biochemistry</i> , 2017, 43, 36-46.	1.9	15
90	Is Withaferin A, a magic bullet for metabolic syndrome?. <i>Biomedicine and Pharmacotherapy</i> , 2017, 92, 1135-1137.	2.5	6
91	Luteolin improves non-alcoholic fatty liver disease in db/db mice by inhibition of liver X receptor activation to down-regulate expression of sterol regulatory element binding protein 1c. <i>Biochemical and Biophysical Research Communications</i> , 2017, 482, 720-726.	1.0	48

#	ARTICLE	IF	CITATIONS
92	Serum bile acid level and fatty acid composition in Chinese children with non-alcoholic fatty liver disease. <i>Journal of Digestive Diseases</i> , 2017, 18, 461-471.	0.7	19
93	Valproate induced hepatic steatosis by enhanced fatty acid uptake and triglyceride synthesis. <i>Toxicology and Applied Pharmacology</i> , 2017, 324, 12-25.	1.3	31
94	Liver X receptor $\alpha$ induces 17 $\beta$ -hydroxysteroid dehydrogenase-13 expression through SREBP-1c. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E357-E367.	1.8	22
95	Fatty acid binding profile of the liver X receptor $\alpha$ . <i>Journal of Lipid Research</i> , 2017, 58, 393-402.	2.0	17
96	Hepatic chemerin mRNA expression is reduced in human nonalcoholic steatohepatitis. <i>European Journal of Clinical Investigation</i> , 2017, 47, 7-18.	1.7	33
97	Apelin protects against liver X receptor-mediated steatosis through AMPK and PPAR $\alpha$ in human and mouse hepatocytes. <i>Cellular Signalling</i> , 2017, 39, 84-94.	1.7	25
98	Triglyceride Metabolism in the Liver. , 2017, 8, 1-22.		440
99	Dietary lactalbumin induced fatty liver by enhancing nuclear liver X receptor $\alpha$ /sterol regulatory element-binding protein-1c/PPAR $\alpha$ expression and minimising PPAR $\alpha$ /carnitine palmitoyltransferase-1 expression and AMP-activated protein kinase phosphorylation associated with atherogenic dyslipidaemia, insulin resistance and oxidative stress in Balb/c mice. <i>British Journal of Nutrition</i> , 2017, 118, 914-929.	1.2	4
100	Increased lipogenesis in spite of upregulated hepatic 5'AMP-activated protein kinase in human non-alcoholic fatty liver. <i>Hepatology Research</i> , 2017, 47, 890-901.	1.8	22
101	Does the enterolactone (ENL) affect fatty acid transporters and lipid metabolism in liver?. <i>Nutrition and Metabolism</i> , 2017, 14, 69.	1.3	12
102	Bile Acids in Nonalcoholic Fatty Liver Disease: New Concepts and Therapeutic Advances. <i>Annals of Hepatology</i> , 2017, 16, S58-S67.	0.6	21
103	Alpinetin improved high fat diet-induced non-alcoholic fatty liver disease (NAFLD) through improving oxidative stress, inflammatory response and lipid metabolism. <i>Biomedicine and Pharmacotherapy</i> , 2018, 97, 1397-1408.	2.5	63
104	Andrographolide Inhibits Oxidized LDL-Induced Cholesterol Accumulation and Foam Cell Formation in Macrophages. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 87-106.	1.5	33
105	Selective insulin resistance with differential expressions of IRS-1 and IRS-2 in human NAFLD livers. <i>International Journal of Obesity</i> , 2018, 42, 1544-1555.	1.6	60
106	Oxyresveratrol ameliorates nonalcoholic fatty liver disease by regulating hepatic lipogenesis and fatty acid oxidation through liver kinase B1 and AMP-activated protein kinase. <i>Chemico-Biological Interactions</i> , 2018, 289, 68-74.	1.7	31
107	Dioscin alleviates non-alcoholic fatty liver disease through adjusting lipid metabolism via SIRT1/AMPK signaling pathway. <i>Pharmacological Research</i> , 2018, 131, 51-60.	3.1	79
108	Mori Cortex extract ameliorates nonalcoholic fatty liver disease (NAFLD) and insulin resistance in high-fat-diet/streptozotocin-induced type 2 diabetes in rats. <i>Chinese Journal of Natural Medicines</i> , 2018, 16, 411-417.	0.7	8
109	Dietary calcium status during maternal pregnancy and lactation affects lipid metabolism in mouse offspring. <i>Scientific Reports</i> , 2018, 8, 16542.	1.6	13

#	ARTICLE	IF	CITATIONS
110	Oleiferasaponin A2, a Novel Saponin from <i>Camellia oleifera</i> Abel. Seeds, Inhibits Lipid Accumulation of HepG2 Cells Through Regulating Fatty Acid Metabolism. <i>Molecules</i> , 2018, 23, 3296.	1.7	16
111	Ursolic Acid, a Novel Liver X Receptor $\hat{\pm}$ (LXR $\hat{\pm}$ ) Antagonist Inhibiting Ligand-Induced Nonalcoholic Fatty Liver and Drug-Induced Lipogenesis. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 11647-11662.	2.4	32
112	Oleanolic Acid Inhibits Liver X Receptor Alpha and Pregnane X Receptor to Attenuate Ligand-Induced Lipogenesis. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 10964-10976.	2.4	28
113	Human-based systems: Mechanistic NASH modelling just around the corner?. <i>Pharmacological Research</i> , 2018, 134, 257-267.	3.1	38
114	Molecular mechanisms of hepatic lipid accumulation in non-alcoholic fatty liver disease. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3313-3327.	2.4	777
115	The Human Gut Microbiome – A Potential Controller of Wellness and Disease. <i>Frontiers in Microbiology</i> , 2018, 9, 1835.	1.5	681
116	Effects of antiepileptic drugs on lipogenic gene regulation and hyperlipidemia risk in Taiwan: a nationwide population-based cohort study and supporting in vitro studies. <i>Archives of Toxicology</i> , 2018, 92, 2829-2844.	1.9	8
117	Bioactive Lipid Species and Metabolic Pathways in Progression and Resolution of Nonalcoholic Steatohepatitis. <i>Gastroenterology</i> , 2018, 155, 282-302.e8.	0.6	216
118	Deoxy podophyllotoxin in <i>Anthriscus sylvestris</i> alleviates fat accumulation in the liver via AMP-activated protein kinase, impeding SREBP-1c signal. <i>Chemico-Biological Interactions</i> , 2018, 294, 151-157.	1.7	5
119	Anti-hepatic steatosis activity of <i>Sicyos angulatus</i> extract in high-fat diet-fed mice and chemical profiling study using UHPLC-qTOF-MS/MS spectrometry. <i>Phytomedicine</i> , 2019, 63, 152999.	2.3	14
120	Hepatic stearoyl CoA desaturase 1 deficiency increases glucose uptake in adipose tissue partially through the PGC-1 $\hat{\pm}$ -FGF21 axis in mice. <i>Journal of Biological Chemistry</i> , 2019, 294, 19475-19485.	1.6	24
121	LncRNA NEAT1 promotes hepatic lipid accumulation via regulating miR-146a-5p/ROCK1 in nonalcoholic fatty liver disease. <i>Life Sciences</i> , 2019, 235, 116829.	2.0	65
122	Liver X Receptors and Their Implications in the Physiology and Pathology of the Peripheral Nervous System. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4192.	1.8	6
123	The regulation of hepatic fatty acid synthesis and partitioning: the effect of nutritional state. <i>Nature Reviews Endocrinology</i> , 2019, 15, 689-700.	4.3	138
124	High Energy Intake Induced Overexpression of Transcription Factors and Its Regulatory Genes Involved in Acceleration of Hepatic Lipogenesis: A Rat Model for Type 2 Diabetes. <i>Biomedicines</i> , 2019, 7, 76.	1.4	8
125	LncRNA NEAT1-MicroRNA-140 axis exacerbates nonalcoholic fatty liver through interrupting AMPK/SREBP-1 signaling. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 584-590.	1.0	40
126	Hepatic transcriptomic signatures of statin treatment are associated with impaired glucose homeostasis in severely obese patients. <i>BMC Medical Genomics</i> , 2019, 12, 80.	0.7	22
127	Impact of <i>Schisandra Chinensis</i> Bee Pollen on Nonalcoholic Fatty Liver Disease and Gut Microbiota in High Fat Diet Induced Obese Mice. <i>Nutrients</i> , 2019, 11, 346.	1.7	32



#	ARTICLE	IF	CITATIONS
128	The Role of Carbohydrate Response Element-Binding Protein in the Development of Liver Diseases. , 2019, , 263-274.		2
129	Molecular drivers of non-alcoholic steatohepatitis are sustained in mild-to-late fibrosis progression in a guinea pig model. <i>Molecular Genetics and Genomics</i> , 2019, 294, 649-661.	1.0	13
130	Dansameum regulates hepatic lipogenesis and inflammation in vitro and in vivo. <i>Food Science and Biotechnology</i> , 2019, 28, 1543-1551.	1.2	4
131	Sesamin, a Naturally Occurring Lignan, Inhibits Ligand-Induced Lipogenesis through Interaction with Liver X Receptor Alpha (LXR $\alpha$ ) and Pregnane X Receptor (PXR). <i>Evidence-based Complementary and Alternative Medicine</i> , 2019, 2019, 1-17.	0.5	16
132	Fat and Sugar-A Dangerous Duet. A Comparative Review on Metabolic Remodeling in Rodent Models of Nonalcoholic Fatty Liver Disease. <i>Nutrients</i> , 2019, 11, 2871.	1.7	14
133	Role of HSD17B13 in the liver physiology and pathophysiology. <i>Molecular and Cellular Endocrinology</i> , 2019, 489, 119-125.	1.6	41
134	Protective effect of Iodoxamide on hepatic steatosis through GPR35. <i>Cellular Signalling</i> , 2019, 53, 190-200.	1.7	11
135	HESA-A Attenuates Hepatic Steatosis in NAFLD Rat Model Through the Suppression of SREBP-1c and NF- $\kappa$ B. <i>International Journal of Peptide Research and Therapeutics</i> , 2020, 26, 1283-1290.	0.9	1
136	Cynandione A from <i>Cynanchum wilfordii</i> inhibits hepatic de novo lipogenesis by activating the LKB1/AMPK pathway in HepG2 cells. <i>Journal of Natural Medicines</i> , 2020, 74, 142-152.	1.1	11
137	3,4-Dichloroaniline promotes fatty liver in zebrafish larvae. <i>Molecular and Cellular Toxicology</i> , 2020, 16, 159-165.	0.8	3
138	Circular RNA HIPK3 contributes to hyperglycemia and insulin homeostasis by sponging miR-192-5p and upregulating transcription factor forkhead box O1. <i>Endocrine Journal</i> , 2020, 67, 397-408.	0.7	39
139	Didymine ameliorates dexamethasone-induced non-alcoholic fatty liver disease by inhibiting TLR4/NF- $\kappa$ B and PI3K/Akt pathways in C57BL/6j mice. <i>International Immunopharmacology</i> , 2020, 88, 107003.	1.7	23
140	Comprehensive lipidomics in apoM mice reveals an overall state of metabolic distress and attenuated hepatic lipid secretion into the circulation. <i>Journal of Genetics and Genomics</i> , 2020, 47, 523-534.	1.7	6
141	Oxymatrine alleviated hepatic lipid metabolism via regulating miR-182 in non-alcoholic fatty liver disease. <i>Life Sciences</i> , 2020, 257, 118090.	2.0	17
142	Nonalcoholic fatty liver disease (NAFLD) from pathogenesis to treatment concepts in humans. <i>Molecular Metabolism</i> , 2021, 50, 101122.	3.0	135
143	Synergistic Effect of Omega-3 Fatty Acids and Oral-Hypoglycemic Drug on Lipid Normalization through Modulation of Hepatic Gene Expression in High Fat Diet with Low Streptozotocin-Induced Diabetic Rats. <i>Nutrients</i> , 2020, 12, 3652.	1.7	12
144	Effects of Urate-Lowering Therapy on Risk of Hyperlipidemia in Gout by a Population-Based Cohort Study and on In Vitro Hepatic Lipogenesis-Related Gene Expression. <i>Mediators of Inflammation</i> , 2020, 2020, 1-13.	1.4	7
145	Chinese Medicinal Herbs Targeting the Gut-Liver Axis and Adipose Tissue-Liver Axis for Non-Alcoholic Fatty Liver Disease Treatments: The Ancient Wisdom and Modern Science. <i>Frontiers in Endocrinology</i> , 2020, 11, 572729.	1.5	15

#	ARTICLE	IF	CITATIONS
146	Non-alcoholic Fatty Liver Disease and Alcohol-Related Liver Disease: Two Intertwined Entities. <i>Frontiers in Medicine</i> , 2020, 7, 448.	1.2	75
147	7 $\alpha$ ,25-Dihydroxycholesterol Suppresses Hepatocellular Steatosis through GPR183/EBI2 in Mouse and Human Hepatocytes. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 374, 142-150.	1.3	10
148	Antibese properties of carotenoids: An overview of underlying molecular mechanisms. , 2020, , 75-105.		2
149	Lipocalin-type prostaglandin D2 synthase deletion induces dyslipidemia and non-alcoholic fatty liver disease. <i>Prostaglandins and Other Lipid Mediators</i> , 2020, 149, 106429.	1.0	10
150	Diseases of the digestive system. , 2020, , 443-491.		1
151	Nuclear receptors and non-alcoholic fatty liver disease: An update. <i>Liver Research</i> , 2020, 4, 88-93.	0.5	15
152	Targeting the alternative bile acid synthetic pathway for metabolic diseases. <i>Protein and Cell</i> , 2021, 12, 411-425.	4.8	146
153	4 $\beta$ -Hydroxycholesterol is a prolipogenic factor that promotes SREBP1c expression and activity through the liver X receptor. <i>Journal of Lipid Research</i> , 2021, 62, 100051.	2.0	10
154	Influence of Genistein on Hepatic Lipid Metabolism in an In Vitro Model of Hepatic Steatosis. <i>Molecules</i> , 2021, 26, 1156.	1.7	12
155	Tanshinone IIA Downregulates Lipogenic Gene Expression and Attenuates Lipid Accumulation through the Modulation of LXRI $\pm$ /SREBP1 Pathway in HepG2 Cells. <i>Biomedicines</i> , 2021, 9, 326.	1.4	13
156	Viburnum opulus L. fruit phenolic compounds protect against FFA-induced steatosis of HepG2 cells via AMPK pathway. <i>Journal of Functional Foods</i> , 2021, 80, 104437.	1.6	16
157	Mitochondria, oxidative stress and nonalcoholic fatty liver disease: A complex relationship. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13622.	1.7	63
158	Pirfenidone modifies hepatic miRNAs expression in a model of MAFLD/NASH. <i>Scientific Reports</i> , 2021, 11, 11709.	1.6	12
159	Metabolic Changes of Hepatocytes in NAFLD. <i>Frontiers in Physiology</i> , 2021, 12, 710420.	1.3	46
160	Regulation of cholesterol biosynthesis and lipid metabolism: A microRNA management perspective. <i>Steroids</i> , 2021, 173, 108878.	0.8	22
161	The alleviating effect of sphingosine kinases 2 inhibitor K145 on nonalcoholic fatty liver. <i>Biochemical and Biophysical Research Communications</i> , 2021, 580, 1-6.	1.0	4
162	Bile acid activated receptors: Integrating immune and metabolic regulation in non-alcoholic fatty liver disease. <i>Liver Research</i> , 2021, 5, 119-141.	0.5	15
163	Influences of antidepressant medications on the risk of developing hyperlipidemia in patients with depression by a population-based cohort study and on in vitro hepatic lipogenic-related gene expression. <i>Journal of Affective Disorders</i> , 2021, 295, 271-283.	2.0	0

#	ARTICLE	IF	CITATIONS
164	Diosmetin Ameliorates Nonalcoholic Steatohepatitis through Modulating Lipogenesis and Inflammatory Response in a STAT1/CXCL10-Dependent Manner. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 655-667.	2.4	15
165	Therapeutic opportunities for alcoholic steatohepatitis and nonalcoholic steatohepatitis: exploiting similarities and differences in pathogenesis. <i>JCI Insight</i> , 2017, 2, .	2.3	49
166	Insulin resistance drives hepatic de novo lipogenesis in nonalcoholic fatty liver disease. <i>Journal of Clinical Investigation</i> , 2020, 130, 1453-1460.	3.9	362
167	Methyl donor deficient diets cause distinct alterations in lipid metabolism but are poorly representative of human NAFLD. <i>Wellcome Open Research</i> , 2017, 2, 67.	0.9	15
168	The Glucose Metabolism in Metabolic Syndrome Patients with Non-Alcoholic Fatty Liver Disease. <i>Global Journal of Gastroenterology &amp; Hepatology</i> , 2014, 2, 19-28.	0.1	1
169	Liver-Specific Expression of Transcriptionally Active SREBP-1c Is Associated with Fatty Liver and Increased Visceral Fat Mass. <i>PLoS ONE</i> , 2012, 7, e31812.	1.1	141
170	Green tea polyphenols alter lipid metabolism in the livers of broiler chickens through increased phosphorylation of AMP-activated protein kinase. <i>PLoS ONE</i> , 2017, 12, e0187061.	1.1	21
171	Hyperinsulinaemia: does it tip the balance toward intrahepatic fat accumulation?. <i>Endocrine Connections</i> , 2019, 8, R157-R168.	0.8	12
172	Molecular mechanisms of steatosis in nonalcoholic fatty liver disease. <i>Nutricion Hospitalaria</i> , 2011, 26, 441-50.	0.2	55
173	MiR-542-5p Inhibits Hyperglycemia and Hyperlipidemia by Targeting FOXO1 in the Liver. <i>Yonsei Medical Journal</i> , 2020, 61, 780.	0.9	7
174	Gallic Acid Inhibits Lipid Accumulation via AMPK Pathway and Suppresses Apoptosis and Macrophage-Mediated Inflammation in Hepatocytes. <i>Nutrients</i> , 2020, 12, 1479.	1.7	38
176	Is the control of dietary cholesterol intake sufficiently effective to ameliorate nonalcoholic fatty liver disease?. <i>World Journal of Gastroenterology</i> , 2010, 16, 800-3.	1.4	28
177	Incretin based therapies: A novel treatment approach for non-alcoholic fatty liver disease. <i>World Journal of Gastroenterology</i> , 2014, 20, 7356.	1.4	33
178	Mechanisms of intrahepatic triglyceride accumulation. <i>World Journal of Gastroenterology</i> , 2016, 22, 1664.	1.4	87
179	The Rho-guanine nucleotide exchange factor PDZ-RhoGEF governs susceptibility to diet-induced obesity and type 2 diabetes. <i>ELife</i> , 2015, 4, .	2.8	20
180	Mechanism on hepatitis B virus X gene-induced hepatic steatosis. <i>Academic Journal of Second Military Medical University</i> , 2012, 32, 26-31.	0.0	0
181	Nutrition and Alcoholic and Nonalcoholic Fatty Liver Disease: The Significance of Cholesterol. , 2013, , 523-532.		0
182	The Liver in Metabolic Syndrome. , 2014, , 27-61.		1

#	ARTICLE	IF	CITATIONS
184	Apple pomace and rosemary extract ameliorates hepatic steatosis in fructose-fed rats: Association with enhancing fatty acid oxidation and suppressing inflammation. <i>Experimental and Therapeutic Medicine</i> , 2020, 20, 1975-1986.	0.8	5
186	Lipid Metabolism Disorders in the Comorbid Course of Nonalcoholic Fatty Liver Disease and Chronic Obstructive Pulmonary Disease. <i>Cells</i> , 2021, 10, 2978.	1.8	14
187	Roles of I $\kappa$ B kinases and TANK-binding kinase 1 in hepatic lipid metabolism and nonalcoholic fatty liver disease. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1697-1705.	3.2	13
188	Lipogenesis inhibitors: therapeutic opportunities and challenges. <i>Nature Reviews Drug Discovery</i> , 2022, 21, 283-305.	21.5	124
189	Responsiveness of PNPLA3 and lipid-related transcription factors is dependent upon fatty acid profile in primary bovine hepatocytes. <i>Scientific Reports</i> , 2022, 12, 888.	1.6	1
190	A biologically based model to quantitatively assess the role of the nuclear receptors liver X (LXR), and pregnane X (PXR) on chemically induced hepatic steatosis. <i>Toxicology Letters</i> , 2022, 359, 46-54.	0.4	3
192	Chitosan oligosaccharide attenuates hepatic steatosis in HepG2 cells via the activation of AMP-activated protein kinase. <i>Journal of Food Biochemistry</i> , 2022, 46, e14045.	1.2	2
193	Menin regulates lipid deposition in mouse hepatocytes via interacting with transcription factor FoxO1. <i>Molecular and Cellular Biochemistry</i> , 2022, 477, 1555-1568.	1.4	3
194	AAA-ATPase valosin-containing protein binds the transcription factor SREBP1 and promotes its proteolytic activation by rhomboid protease RHBDL4. <i>Journal of Biological Chemistry</i> , 2022, 298, 101936.	1.6	4
195	Salvia miltiorrhiza Bge. (Danshen) in the Treating Non-alcoholic Fatty Liver Disease Based on the Regulator of Metabolic Targets. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 842980.	1.1	2
196	Impact of Inflammatory Bowel Disease (IBD) and IBD Medications on Risk of Hyperlipidemia and in vitro Hepatic Lipogenic-Related Gene Expression: A Population-Based Cohort Study. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
197	Effects of Amino Acids Supplementation on Lipid and Glucose Metabolism in HepG2 Cells. <i>Nutrients</i> , 2022, 14, 3050.	1.7	6
198	Cholesterol-lowering activity of 10-gingerol in HepG2 cells is associated with enhancing LDL cholesterol uptake, cholesterol efflux and bile acid excretion. <i>Journal of Functional Foods</i> , 2022, 95, 105174.	1.6	4
199	Endocytosis of LXRs: Signaling in liver and disease. <i>Progress in Molecular Biology and Translational Science</i> , 2023, , 347-375.	0.9	2
200	Asparagus cochinchinensis alleviates disturbances of lipid metabolism and gut microbiota in high-fat diet-induced obesity mice. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
201	Lactobacillus sakei MJM60958 as a Potential Probiotic Alleviated Non-Alcoholic Fatty Liver Disease in Mice Fed a High-Fat Diet by Modulating Lipid Metabolism, Inflammation, and Gut Microbiota. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13436.	1.8	15
202	Review article: the role of HSD17B13 on global epidemiology, natural history, pathogenesis and treatment of NAFLD. <i>Alimentary Pharmacology and Therapeutics</i> , 2023, 57, 37-51.	1.9	17
203	Growth-Promoting Effects of Zhenqi Granules on Finishing Pigs. <i>Animals</i> , 2022, 12, 3521.	1.0	0

#	ARTICLE	IF	CITATIONS
204	Investigating dual inhibition of ACC and CD36 for the treatment of nonalcoholic fatty liver disease in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2023, 324, E187-E198.	1.8	3
205	NOD1 activation in 3T3-L1 adipocytes confers lipid accumulation in HepG2 cells. <i>Life Sciences</i> , 2023, 316, 121400.	2.0	1
206	Tilianin Protects against Nonalcoholic Fatty Liver Disease in Early Obesity Mice. <i>Biological and Pharmaceutical Bulletin</i> , 2023, 46, 419-426.	0.6	1
207	The diverse roles of macrophages in metabolic inflammation and its resolution. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	2
209	Probiotics as Potential Therapy in the Management of Non-Alcoholic Fatty Liver Disease (NAFLD). <i>Fermentation</i> , 2023, 9, 395.	1.4	0
213	Liver insulinization as a driver of triglyceride dysmetabolism. <i>Nature Metabolism</i> , 2023, 5, 1101-1110.	5.1	1
218	Dyslipidemia in Metabolic Syndrome. , 2023, , 1-18.		0
226	Dyslipidemia in Metabolic Syndrome. , 2023, , 529-546.		0